

SECURITIES & EXCHANGE COMMISSION EDGAR FILING

HARROW HEALTH, INC.

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**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

FORM 10-K

(Mark One)

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2019

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from to

Commission File Number: 001-35814

HARROW HEALTH, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of
incorporation or organization)

45-0567010

(IRS Employer
Identification No.)

102 Woodmont Blvd., Suite 610

Nashville, TN 37205

(Address of Principal Executive Offices)(Zip Code)

(615) 733-4730

(Registrant's telephone number, including area code)

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class	Trading Symbol	Name of Each Exchange on Which Registered
Common Stock, \$0.001 par value per share	HROW	The NASDAQ Capital Market

Securities registered pursuant to Section 12(g) of the Act: None

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. **Yes** **No**

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Exchange Act. **Yes** **No**

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. **Yes** **No**

Indicate by check mark whether the registrant has submitted electronically every Interactive Data File required to be submitted pursuant to Rule 405 of Regulation S-T (§ 229.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit such files). **Yes** **No**

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company" and "emerging growth company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer

Accelerated filer

Non-accelerated filer

Smaller reporting company

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). **Yes** **No**

As of June 28, 2019, the last business day of the registrant's most recently completed second fiscal quarter, the aggregate market value of the common stock held by non-affiliates of the registrant was approximately \$205 million, based on the closing price of \$8.70 for the registrant's common stock as quoted on The NASDAQ Capital Market on that date. For purposes of this calculation, it has been assumed that shares of common stock held by each director, each officer and each person who owns 10% or more of the outstanding common stock of the registrant are held by affiliates of the registrant. The treatment of these persons as

affiliates for purposes of this calculation is not conclusive as to whether such persons are affiliates of the registrant for any other purpose.

As of March 12, 2020, there were 25,526,931 shares of the registrant's common stock outstanding.

Portions of the registrant's definitive proxy statement for its 2020 Annual Meeting of Stockholders (Proxy Statement) are incorporated by reference in Part III of this annual report on Form 10-K (Annual Report), to the extent stated herein.

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As used in this Annual Report, unless indicated or the context requires otherwise, the terms the “Company”, “Harrow”, “we”, “us” and “our” refer to Harrow Health, Inc. and its consolidated subsidiaries.

In addition to historical information, the following discussion contains forward-looking statements regarding future events and our future performance. In some cases, you can identify forward-looking statements by terminology such as “will”, “may”, “should”, “expects”, “plans”, “anticipates”, “believes”, “estimates”, “predicts”, “forecasts”, “potential” or “continue” or the negative of these terms or other comparable terminology. All statements made in this Annual Report other than statements of historical fact are forward-looking statements. These forward-looking statements involve risks and uncertainties and reflect only our current views, expectations and assumptions with respect to future events and our future performance. If risks or uncertainties materialize or assumptions prove incorrect, actual results or events could differ materially from those expressed or implied by such forward-looking statements. Risks that could cause actual results to differ from those expressed or implied by the forward-looking statements we make include, among others, risks related to: our ability to successfully implement our business plan, develop and commercialize our proprietary formulations in a timely manner or at all, identify and acquire additional proprietary formulations, manage our pharmacy operations, service our debt, obtain financing necessary to operate our business, recruit and retain qualified personnel, manage any growth we may experience and successfully realize the benefits of our prior acquisitions and any other acquisitions and collaborative arrangements we may pursue; competition from pharmaceutical companies, outsourcing facilities and pharmacies; general economic and business conditions; regulatory and legal risks and uncertainties related to our pharmacy operations and the pharmacy and pharmaceutical business in general; physician interest in and market acceptance of our current and any future formulations and compounding pharmacies generally; our limited operating history; and the other risks and uncertainties described under the heading “Risk Factors” in Part I, Item 1A of this Annual Report. You should not place undue reliance on forward-looking statements. Forward-looking statements speak only as of the date they are made and, except as required by law, we undertake no obligation to revise or publicly update any forward-looking statement for any reason.

We have registered trademarks, copyrights and/or pending trademark and copyright applications for a number of proprietary names in the United States, including, but not limited to: Imprimis[®], ImprimisRx[®], Harrow Health[™], Dropless[®], LessDrops[®], Dropless Cataract Surgery[®], Dropless Cataract Therapy[®], Dropless Therapy[®], MKO Melt[™], and Simple Drops[™]. We may choose to pursue trademark protection in other jurisdictions for one or more of these or other marks in the future. All other trademarks, service marks and trade names included or incorporated by reference into this Annual Report, are the property of their respective owners.

PART I

ITEM 1. BUSINESS

Overview

Our business specializes in the development, production and sale of innovative medications that offer unique competitive advantages and serve unmet needs in the marketplace through our subsidiaries and deconsolidated companies. We own one of the nation’s leading ophthalmology pharmaceutical businesses, ImprimisRx. In addition to wholly owning ImprimisRx, we also have equity positions in Eton Pharmaceuticals, Inc. (“Eton”), Surface Pharmaceuticals, Inc. (“Surface”), Melt Pharmaceuticals, Inc. (“Melt”), all companies that began as subsidiaries of Harrow. More recently, we founded drug development subsidiaries Mayfield Pharmaceuticals, Inc. (“Mayfield”), Radley Pharmaceuticals, Inc. (“Radley”), and Stowe Pharmaceuticals, Inc. (“Stowe”). During 2020, we intend to launch a new business and subsidiary called Visionology. We also own royalty rights in various drug candidates being developed by Surface, Melt, Radley and Mayfield. We intend to continue to create and hold equity and royalty rights in new businesses that commercialize drug candidates that are internally developed or otherwise acquired or licensed from third parties.

ImprimisRx

ImprimisRx is our ophthalmology focused pharmaceutical compounding business. We offer to over 7,000 physician customers and their patients critical medicines to meet their needs that are unmet by commercially available drugs. We make our formulations available at prices that are, in most cases, lower than non-customized commercial drugs. Our current ophthalmology formulary includes over twenty compounded formulations, many of which are patented or patent-pending, and are customizable for the specific needs of a patient. Some examples of our compounded medications are various combinations of drugs formulated into one bottle and numerous preservative free formulations. Depending on the formulation, the regulations of a specific state and ultimately the needs of the patient, ImprimisRx products may be dispensed as patient-specific medications from our 503A pharmacy, or for in-office use, made according to current good manufacturing practices (or cGMPs) or other U.S. Food and Drug Administration (“FDA”) guidance documents, in our FDA-registered NJOF outsourcing facility.

Visionology

Visionology is expected to be an online eye health platform, trusted by both physicians and patients. In addition to allowing physicians to communicate with pharmacists, and patients to communicate with physicians, it will offer a variety of high quality, affordable, chronic care ophthalmic pharmaceutical products using a state of the art proprietary IT platform. We expect to launch a proof-of-concept model for Visionology in the first half of 2020 within a certain region of the U.S., and if successful, expand the launch on a nationwide basis later in 2020 and 2021.

Ophthalmology Market

For any ocular procedure, a surgeon may require drugs for sedation, dilation, and inflammation and infection prevention. The cataract surgery market continues to experience significant growth. According to a 2018 iData report, 3.7 million cataract surgeries were performed in the U.S. in 2017. The National Eye Institute estimates that over 24 million Americans currently have cataracts and that this number will grow to 38 million by 2030 and reach more than 50 million by 2050. In addition to the 3.7 million cataract surgeries performed annually in the U.S., the American Academy of Ophthalmology (AAO) estimates that over one-half of Americans require some form of vision correction and 43 million of these individuals are candidates for refractive surgery. Nearly 96 percent of the refractive surgery procedures performed are LASIK (laser in situ keratomileusis) surgeries, an outpatient surgical procedure used to treat nearsightedness, farsightedness, and astigmatism. According to Statista, an estimated 600,000 LASIK procedures were performed in the U.S. in 2015.

According to the Glaucoma Research Foundation, there are over 3 million Americans with glaucoma but only half are aware they have it. Open-angle glaucoma (the most common type of glaucoma) is a condition of increased intraocular pressure that causes gradual loss of sight. Glaucoma is incurable, and if not managed can lead to blindness. Generally, the first line of treatment consists of a prostaglandin analogue (PGA) eye drop regimen. As the disease progresses, non-PGA products are generally added as a second line treatment. Topical agents, other than PGAs, include beta blockers, alpha agonists, miotics and steroids. According to a 2013 article in *Glaucoma Today*, up to 50 percent of glaucoma patients require more than one drug following a few months of initial treatment and there is a direct correlation between the number of glaucoma bottles and decreased adherence; however the FDA has yet to approve a PGA combination product despite combination products including a PGA (Xalacom[®], DuoTrav[®] and Ganfort[®]) available outside of the U.S. According to a 2017 Market Scope report, the glaucoma pharmaceuticals market is expected to reach \$5.3 billion in 2022.

Dry eye occurs when the eye does not produce enough tears, or when the tears are not of the correct consistency and evaporate too quickly. Inflammation of the surface of the eye may also occur. We believe that dry eye disease, or DED, affects over 30 million people in the U.S., and a major epidemiological study, the Beaver Dam Offspring Study, published in 2014 in the *American Journal of Ophthalmology*, reported that in a cohort of over 3,000 patients, DED was self-reported by 14.5% of the patients. According to a 2017 Market Scope report, the global dry eye treatments market is expected to grow from \$3.7 billion in 2017 to \$4.9 billion in 2022. Dry eye is among the most common conditions seen by eye care professionals.

Presbyopia is the normal loss of near focusing ability that occurs with age. Most people begin to notice the effects of presbyopia sometime after age 40, when they start having trouble seeing small print clearly. According to an American Academy of Ophthalmology report from 2018, there are an estimated 1.8 billion people worldwide who suffer from presbyopia, with eye glasses (more commonly referred to as, "readers") being the most common treatment option. Based on our understanding, there are currently four eyedrops currently undergoing clinical trials/development in the U.S. aiming to be first to market topical eye drops to treat the symptoms associated with presbyopia. We believe most of these are designed to enhance depth of field via a "pinhole effect" and in one case to reduce lens stiffening; and some of these medications could be synergistic with each other or combined with refractive surgery to enhance outcomes. However, as of the date of this Annual Report, none of these drug candidates has received market approval from the FDA.

Pharmaceutical Compounding Businesses

Pharmaceutical Compounding

Pharmaceutical compounding is the science of combining different active pharmaceutical ingredients (APIs), all of which are approved by the FDA (either as a finished form product or as a bulk drug ingredient) and excipients, to create specialized pharmaceutical preparations. Physicians and healthcare institutions use compounded drugs when commercially available drugs do not optimally treat a patient's needs. In many cases, compounded drugs, such as ours, have wide market utility and may be clinically appropriate for large patient populations. Examples of compounded formulations include medications with alternative dosage strengths or unique dosage forms, such as topical creams or gels, suspensions, or solutions with more tolerable drug delivery vehicles.

Almost all of our sales revenue is derived from making, selling and dispensing our compounded prescription drug formulations as cash pay transactions between us and our end-user customer. As such, the majority of our commercial transactions do not involve distributors, wholesalers, insurance companies, pharmacy benefit managers or other middle parties. By not being reliant on insurance company formulary inclusion and pharmacy benefit manager payment clawbacks, we are able to simplify the prescription transaction process. We believe the outcome of our business model is a simple transaction, involving a patient-in-need, a physician's diagnosis, a fair price and great service for a quality pharmaceutical product. We sell our products through a network of employees and independent contractors and we dispense our formulations in all 50 states, Puerto Rico and in selected markets outside the United States.

Our Compounding Facilities

Pharmaceutical compounding businesses are governed by Sections 503A and 503B of the Federal Food Drug and Cosmetic Act (the "FDCA"). Section 503A of the FDCA provides that a pharmacy is only permitted to compound a drug for an individually identified patient based on a prescription for a patient, and is only permitted to distribute the drug interstate if the pharmacy is licensed to do so in the states where it is compounded and where the medication is received.

Section 503B of the FDCA provides that a pharmacy engaged in preparing sterile compounded drug formulations may voluntarily elect to register as an "outsourcing facility." Outsourcing facilities are permitted to compound large quantities of drugs without a prescription and distribute them out of state with certain limitations such as the formulation appearing on the FDA's drug shortage list or the bulk drug substances contained in the formulations appearing on the FDA's "clinical need" list. Entities voluntarily registering with FDA as outsourcing facilities are subject to additional requirements that do not apply to compounding pharmacies (operating under Section 503A of the FDCA), including adhering to standards such as current good manufacturing practices (cGMP) or other FDA guidance documents and being subject to regular FDA inspection.

We operate two compounding facilities located in Ledgewood, New Jersey. Our New Jersey operations are comprised of two separate entities and facilities, one of which is registered with the FDA as an outsourcing facility ("NJOF") under Section 503B of the FDCA. The other New Jersey facility ("RxNJ"), is a licensed pharmacy operating under Section 503A of the FDCA. All products that we sell, produce and dispense are made in the United States.

We believe that, with our current compounding pharmacy facilities and licenses and FDA registration of NJOF, we have the infrastructure to scale our business appropriately under the current regulatory landscape and meet the potential growth in demand we are targeting. We plan to invest in one or more of our facilities to further their capacity and efficiencies. Also, we may seek to access greater pharmacy and production related redundancy and markets through acquisitions, partnerships or other strategic transactions.

Pharmaceutical Development Businesses

We have ownership interests in Eton, Surface, Melt, Mayfield and Radley and hold royalty interests in certain of their drug candidates. These companies are pursuing market approval for their drug candidates under the FDCA, including in some instances under the abbreviated pathway described in Section 505(b) (2) which permits the submission of a new drug application ("NDA") where at least some of the information required for approval comes from studies not conducted by or for the applicant and for which the applicant has not obtained a right of reference. In 2018 and 2019, we formed and created subsidiaries named Radley, Mayfield, and Stowe, which we intend to operate similar to Eton, Surface and Melt. In addition, we intend to create additional subsidiaries that will be focused on the development and FDA approval of certain proprietary drug formulations that we currently own, will in-license/acquire and/or otherwise develop.

Consolidated Businesses

Stowe Pharmaceuticals, Inc.

Stowe is a consolidated subsidiary of Harrow that was formed in 2019, focused on the development of its proprietary ophthalmic drug candidate STE-006. STE-006 is a patented, new chemical entity, small molecule topical drug candidate intended to treat various bacterial, fungal, and viral infections in the eye. In initial preclinical models, STE-006 was shown to be significantly more effective compared to current conventional therapies against numerous bacterial and viral pathogens, including strains of methicillin-resistant staphylococcus aureus, or MRSA, and herpes simplex virus. STE-006 has several patents covering matter of composition, methods of production, methods of use and molecule, which are valid until 2038.

We own 2,500,000 shares of Stowe common stock, and control 70% of the equity and voting interests issued and outstanding of Stowe at December 31, 2019. We recently agreed to terms with an experienced, ophthalmology focused life science executive to be the CEO of Stowe which would be become effective following a deconsolidating transaction, which we are currently pursuing.

Mayfield Pharmaceuticals, Inc.

Mayfield, a consolidated subsidiary of Harrow, is a development-stage pharmaceutical company focused on consequential products that address the conspicuous unmet needs of patients. Its development programs focus on using known molecules in dosage forms for new indications, and by developing new chemical entities with known mechanisms of action. Mayfield recently licensed worldwide rights to a first-in-class antimicrobial drug candidate, called MAY-66, which is being studied to treat recurrent bacterial vaginosis. In February 2019, Mayfield acquired drug formulation assets and intellectual property, including three recently issued patents, for MAY-44, a drug candidate for the treatment of dyspareunia, or pain experienced by women during sexual intercourse. In addition to MAY-44, Mayfield is also developing MAY-88 for patients suffering from interstitial cystitis, which it will acquire from Harrow at the closing of a deconsolidating transaction.

We own 2,500,000 shares of Mayfield common stock, and control 70% of the equity and voting interests issued and outstanding of Mayfield at December 31, 2019. We are currently pursuing a deconsolidating transaction for Mayfield. Once deconsolidated, we expect Mayfield to be run by an experienced life science executive, that we have recently contracted with.

Radley Pharmaceuticals, Inc.

Radley, a consolidated subsidiary of Harrow, is a development-stage pharmaceutical company focused on the development of proprietary 505(b)(2) drug candidates focused on rare diseases. Radley currently has three drug programs in its pipeline. During January 2020, and prior to initiating significant development activities and costs related to these drug programs, we met with the FDA to establish and understand the expected clinical and regulatory path to approval for Radley's lead drug program. Conceptually, the FDA agreed with our clinical program design, and we are currently considering options related to the next steps of the drug candidates development. We are also pursuing investigator-initiated studies for some of Radley's drug candidates with two well-known healthcare institutions based in the New York and Boston areas. We believe this approach will allow us to better understand and weigh the economic costs, clinical feasibility and potential benefits associated with pursuing development activities associated with these drug programs. Radley is also pursuing additional asset acquisition and licensing opportunities with a focus in oncology-related therapies.

De-Consolidated Businesses

Eton Pharmaceuticals, Inc.

Eton is a pharmaceutical company focused on developing and commercializing innovative products utilizing the FDA's 505(b)(2) regulatory pathway. Its pipeline includes several products and drug candidates in various stages of development across a variety of dosage forms. Eton's pipeline is focused on innovative 505(b)(2) products and obtaining FDA marketing approval for currently marketed but unapproved drugs.

In May 2017, Eton closed an offering of its Series A Preferred Stock and we lost our controlling interest in it. In November 2018, Eton completed an initial public offering of its common stock. We own 3,500,000 shares of Eton common stock, which is less than 20% of the equity and voting interests issued and outstanding of Eton as of December 31, 2019.

Surface Pharmaceuticals, Inc.

Surface is a development-stage pharmaceutical company focused on development and commercialization of innovative therapeutics for ocular surface diseases and is seeking FDA approval for the commercialization of its drug candidates through the Section 505(b)(2) regulatory pathway under the FDCA. In 2017 and amended in April 2018, Harrow entered into asset purchase and license agreements (the "Surface License Agreements") and transferred to Surface its current drug pipeline, which consists of three proprietary drug candidates. Surface's patent-pending topical eye drop drug candidates, SURF-100 and SURF-200, utilize a patented delivery vehicle known as Klarity Drops ("Klarity"), that was invented by Harrow board member and Surface's chairman of the board, renowned ophthalmologist Dr. Richard Lindstrom. Klarity is designed to protect and rehabilitate the ocular surface pathology for patients with dry eye disease, or DED.

During the fourth quarter of 2019, Surface filed an Investigational New Drug Application ("IND") for its drug program SURF-201. SURF-201 is a novel steroid topical eye drop drug candidate for treating pain and inflammation post-ocular surgery. Surface expects to submit an IND for its lead drug candidate, SURF-100, during the first half of 2020, for treating signs and symptoms associated with chronic dry eye disease. We expect Surface to release certain clinical data related to these programs near the end of 2020 and beginning of 2021.

In May and July 2018, Surface closed on an offering of its Series A Preferred Stock. At that time, we lost our controlling interest and deconsolidated Surface from our consolidated financial statements. We own 3,500,000 shares of Surface which we estimate is approximately 30% of the issued and outstanding equity and voting interests as of December 31, 2019.

Melt Pharmaceuticals, Inc.

Melt is a development-stage pharmaceutical company focused on the development and commercialization of proprietary non-intravenous, sedation and anesthesia therapeutics for human medical procedures in hospital, outpatient, and in-office settings. Melt intends to seek regulatory approval through the FDA's 505(b)(2) regulatory pathway for its proprietary technologies, where possible. In December 2018, we entered into an Asset Purchase Agreement with Melt (the "Melt Asset Purchase Agreement"), and Harrow assigned to Melt the underlying intellectual property for Melt's current pipeline, including its lead drug candidate MELT-100. The core intellectual property Melt owns is a patented series of combination non-opioid sedation drug formulations that we estimate to have multitudinous applications. Pursuant to the terms of the Melt Asset Purchase Agreement, Melt is required to make royalty payments to the Company equal to five percent (5%) of net sales of MELT-100, while any patent rights remain outstanding, subject to other conditions.

MELT-100 is a novel, sublingually delivered, non-IV, opioid-free drug candidate being developed for procedural sedation. Melt is expecting to file an IND and begin its clinical program for MELT-100 in the summer of 2020, and if successful, begin enrollment for its Phase 3 studies for MELT-100 during 2021.

In January 2019, Melt closed on an offering of its Series A Preferred Stock. At that time, we lost our controlling interest and deconsolidated Melt from our consolidated financial statements. We own 3,500,000 shares of Melt which we estimate is approximately 44% of the issued and outstanding equity and voting interests as of December 31, 2019.

As an alternate path for FDA approval of new indications or new formulations of previously-approved products, a company may file a Section 505(b)(2) NDA instead of a “stand-alone” or “full” NDA. Section 505(b)(2) of the FDCA, was enacted as part of the Drug Price Competition and Patent Term Restoration Act of 1984, otherwise known as the Hatch-Waxman Amendments. Section 505(b)(2) permits the submission of an NDA where at least some of the information required for approval comes from studies not conducted by or for the applicant and for which the applicant has not obtained a right of reference. Some examples of products that may be allowed to follow a 505(b)(2) path to approval are drugs that have a new dosage form, strength, route of administration, formulation or indication.

The Hatch-Waxman Amendments permit the applicant to rely upon certain published nonclinical or clinical studies conducted for an approved product or the FDA’s conclusions from prior review of such studies. The FDA may require companies to perform additional studies or measurements to support any changes from the approved product. The FDA may then approve the new product for all or some of the labeled indications for which the reference product has been approved, as well as for any new indication supported by the Section 505(b)(2) application. While references to nonclinical and clinical data not generated by the applicant or for which the applicant does not have a right of reference are allowed, all development, process, stability, qualification and validation data related to the manufacturing and quality of the new product must be included in an NDA submitted under Section 505(b)(2).

To the extent that the Section 505(b)(2) applicant is relying on the FDA’s conclusions regarding studies conducted for an already approved product, the applicant is required to certify to the FDA concerning any patents listed for the approved product in the FDA’s Approved Drug Products with Therapeutic Equivalence Evaluations, or Orange Book. Specifically, the applicant must certify that: (i) the required patent information has not been filed; (ii) the listed patent has expired; (iii) the listed patent has not expired, but will expire on a particular date and approval is sought after patent expiration; or (iv) the listed patent is invalid or will not be infringed by the new product. The Section 505(b)(2) application also will not be approved until any non-patent exclusivity, such as exclusivity for obtaining approval of a new chemical entity, listed in the Orange Book for the reference product has expired. Thus, the Section 505(b)(2) applicant may invest a significant amount of time and expense in the development of its products only to be subject to significant delay and patent litigation before its products may be commercialized.

Sales and Marketing

The focus of our sales and marketing is in the United States. We do, however, believe that our proprietary drug formulations could have commercial appeal in international markets, and we have engaged distributors and entered into out-licensing arrangements for certain of our proprietary formulations in certain non-U.S. markets, including Canada. Our sales and marketing efforts are currently organized into two teams, the larger of which focuses on our ophthalmology pharmaceutical compounding business and the other on our non-ophthalmology pharmaceutical compounding business. Our sales and marketing activities consist primarily of efforts to educate doctors, ambulatory surgery centers, healthcare systems, hospitals and other users throughout the U.S. about our compounded formulations. We expect that we may experience growth in the sales of our proprietary pharmaceutical compounded formulations in future periods, particularly in light of our current and planned launches of new formulations and commercialization campaigns. However, we may not be successful in doing so, whether due to the safety, quality or availability of our proprietary compounded formulations, the size of the markets for such formulations, which could be smaller than we expect, the timing of market entry relative to competitive products, the availability of alternative compounded formulations or FDA-approved drugs, the price of our compounded formulations relative to alternative products or the success of our sales and marketing efforts, which is dependent on our ability to build and grow a qualified and adequate internal sales function.

During 2017 through 2019, we entered various sales and marketing agreements, with certain organizations to provide exclusive sales and marketing representation services to ImprimisRx in select geographies in the U.S., in connection with our ophthalmic compounded formulations. Under the terms of the sales and marketing agreements, we are required to make commission payments to equal to 10% to 14% of net sales for products above and beyond the initial existing sales amounts. In addition, we are required to make periodic milestone payments to certain organizations in shares of the our restricted common stock if net sales in the assigned territory reach certain future levels by the end of their terms, as applicable. We believe these sales and marketing agreements will accelerate launches of our new ophthalmology programs and limit our initial capital requirements commonly associated with new product launches and increased sizes of sales forces.

Competition

The pharmaceutical and pharmacy industries are highly competitive. We compete against branded drug companies, generic drug companies, outsourcing facilities and other compounding pharmacies. We are significantly smaller than some of our competitors, and we may lack the financial and other resources needed to develop, produce, distribute, market and commercialize any of our proprietary formulations or compete for market share in these sectors. The drug products available through branded and generic drug companies with which our formulations compete have been approved for marketing and sale by the FDA and are required to be manufactured in facilities compliant with cGMP standards. Although we prepare some of our compounded formulations in accordance with cGMP standards and our other formulations are produced according to the standards provided by United States Pharmacopoeia (USP) <795> and USP <797> and applicable state and federal law, our proprietary compounded formulations are not required to be, and have not been, approved for marketing and sale by the FDA. As a result, some physicians may be unwilling to prescribe, and some patients may be unwilling to use, our formulations. Additionally, under federal and state laws applicable to our current compounding pharmacy operations operating under Section 503A of the FDCA, we are not permitted to prepare significant amounts of a specific formulation in advance of a prescription, compound quantities for office use or utilize a wholesaler for distribution of our formulations; instead, our compounded formulations must be prepared and dispensed in connection with a physician prescription for an individually identified patient. Pharmaceutical companies, on the other hand, are able to sell their FDA-approved products to large pharmaceutical wholesalers, who can in turn sell to and supply hospitals and retail pharmacies. Even though we have registered NJOF with the FDA, our business may not be scalable on the scope available to our competitors that produce FDA-approved drugs, which may limit our potential for profitable operations. These facets of our operations may subject our business to limitations our competitors offering FDA-approved drugs may not face.

Biotechnology and related pharmaceutical technologies are subject to rapid and significant change. Our future success will depend in large part on our ability to maintain a competitive position with respect to these technologies. Products developed by our competitors, including FDA-approved drugs and compounded formulations created by other pharmacies, could render our products and technologies obsolete or unable to compete. Any products that we develop may become obsolete before we recover expenses incurred in developing the products, which may require that we seek additional funds that may or may not be available to continue our operations. The competitive environment requires an ongoing, extensive search for medical and technological innovations and the ability to develop and market these innovations effectively, and we may not be competitive with respect to these factors. Other competitive factors include the safety and efficacy of a product, the size of the market for a product, the timing of market entry relative to competitive products, the availability of alternative compounded formulations or approved drugs, the price of a product relative to alternative products, the availability of third-party reimbursement, the success of sales and marketing efforts, brand recognition and the availability of scientific and technical information about a product. Although we believe we are positioned to compete favorably with respect to many of these factors, if our proprietary formulations are unable to compete with the products of our competitors, we may never gain market share or achieve profitability.

Factors Affecting Our Performance

We believe the primary factors affecting our performance are our ability to increase revenues of our proprietary compounded formulations and certain non-proprietary products, grow and gain operating efficiencies in our pharmacy operations, optimize pricing and obtain reimbursement options for our proprietary compounded formulations, and continue to pursue development and commercialization opportunities for certain of our ophthalmology and other assets that we have not yet made commercially available as compounded formulations. We believe we have built a tangible and intangible infrastructure that will allow us to scale revenues efficiently in the long-term. All of these activities will require significant costs and other resources, which we may not have or be able to obtain from operations or other sources.

Reimbursement Options and Pricing Optimization

Our proprietary ophthalmic pharmaceutical compounded formulations are primarily available on a cash-pay basis. However, we work with third-party insurers, pharmacy benefit managers and buying groups to offer patient-specific customizable compounded formulations at accessible prices. We may devote time and other resources to seek reimbursement and patient pay opportunities for these and other compounded formulations and we have hired pharmacy billers to process certain existing reimbursement opportunities for certain formulations. However, we may be unsuccessful in achieving these goals, as many third-party payors have imposed significant restrictions on reimbursement for compounded formulations in recent years. Moreover, third-party payors, including the Centers for Medicare & Medicaid Services ("CMS"), are increasingly attempting to contain health care costs by limiting coverage and the level of reimbursement for new drugs and by refusing, in some cases, to provide coverage for uses of approved products for disease indications for which the FDA has not granted formal labeling approval. Further, the Patient Protection and Affordable Care Act and the Health Care and Education Reconciliation Act of 2012 (collectively, the "Health Care Reform Law") may have a considerable impact on the existing U.S. system for the delivery and financing of health care and could conceivably have a material effect on our business. As a result, reimbursement from Medicare, Medicaid and other third-party payors may never be available for any of our products or, if available, may not be sufficient to allow us to sell the products on a competitive basis and at desirable price points. If government and other third-party payors do not provide adequate coverage and reimbursement levels for our formulations, the market acceptance for our formulations may be limited.

Additionally, we are making efforts to receive reimbursement and/or optimize the pricing for some of our currently available pharmaceutical compounded formulations, including applying for transitional pass-through reimbursement status for one of our formulations. Pass-through status allows for separate payment (i.e., outside the bundled payment) under Medicare Part B for new drugs and other medical technologies that meet well-established criteria specified by federal regulations governing CMS spending. We expect to hear from CMS before July 1, 2020, if we will be granted pass-through status for these formulations. Any efforts to attain optimized pricing or reimbursement for these or any of our other proprietary formulations could fail, which could make our products less attractive or unavailable to some patients or could reduce our margins.

Intellectual Property

Our success and ability to compete depends upon our ability to protect our intellectual property. We conduct a fulsome analysis of the intellectual property landscape prior to acquiring rights to formulations and filing patent applications. In addition, as of February 29, 2020, we owned and/or licensed fourteen U.S. issued patents, five international issued patents, and 30 U.S. patent applications, including 26 utility (including continuation, continuation-in-part and divisional) and three provisional patent applications, and we owned seven international patent applications filed under the Patent Cooperation Treaty and 42 foreign patent applications. We expect to file additional patent applications in the U.S. and pursue patent protection for certain of our formulations in other important international jurisdictions in the future.

As of February 29, 2020, we had, on a worldwide basis, 186 issued trademarks, pending trademark and copyright applications, or registered copyright and/or trademarks including, but not limited to: Imprimis[®], ImprimisRx[®], Harrow Health[™], Dropless[®], LessDrops[®], Dropless Cataract Surgery[®], Dropless Cataract Therapy[®], Dropless Therapy[®], MKO Melt[™], and Simple Drops[™]. We may choose to pursue trademark protection in other jurisdictions for any one or more of these or other marks in the future.

We also rely on unpatented trade secrets and know-how and continuing technological innovation in order to develop our formulations, which we seek to protect, in part, by confidentiality agreements with our employees, consultants, collaborators and others, including certain service providers. We also have invention or patent assignment agreements with our current employees and certain consultants. However, our employees and consultants may breach these agreements and we may not have adequate remedies for any breach, or our trade secrets may otherwise become known or be independently discovered by competitors. In addition, inventions relevant to us could be developed by a person not bound by an invention assignment agreement with us, in which case we may have no rights to use the applicable invention.

Governmental Regulation

Our business is subject to federal, state and local laws, regulations, and administrative practices, including, among others: federal, state and local licensure and registration requirements concerning the operation of pharmacies and the practice of pharmacy; the Health Insurance Portability and Accountability Act ("HIPAA"); the Health Care Reform Law; statutes and regulations of the FDA, the U.S. Federal Trade Commission, the U.S. Drug Enforcement Administration and the U.S. Consumer Product Safety Commission, as well as regulations promulgated by comparable state agencies concerning the sale, advertisement and promotion of the products we sell. The regulatory and quality compliance environment for compounded drugs has become significantly more rigorous, complex and strict since the passage of The Drug Quality and Security Act of 2013. The complexity of the current state and federal regulatory environment, as well as the expected continued evolution of state and federal laws governing pharmaceutical compounding, have and will continue to present potentially significant challenges to our business model and the fulfillment of our mission as a company. Below are descriptions of some of the various federal and state laws and regulations which may govern or impact our current and planned operations.

Pharmacy Regulation

Our pharmacy operations are regulated by both individual states and the federal government. Every state has laws and regulations addressing pharmacy operations, including regulations relating specifically to compounding pharmacy operations. These regulations generally include licensing requirements for pharmacists, pharmacy technicians and pharmacies, as well as regulations related to compounding processes, safety protocols, purity, sterility, storage, controlled substances, recordkeeping and regular inspections, among other things. State rules and regulations are updated periodically, generally under the jurisdiction of individual state boards of pharmacy. Failure to comply with the state pharmacy regulations of a particular state could result in a pharmacy being prohibited from operating in that state, financial penalties and/or becoming subject to additional oversight from that state's board of pharmacy. In addition, many states are considering imposing, or have already begun to impose, more stringent requirements on compounding pharmacies. If our pharmacy operations become subject to additional licensure requirements, are unable to maintain their required licenses or if states place burdensome restrictions or limitations on pharmacies, our ability to operate in some states could be limited.

Federal law limits compounding pharmacies from engaging in the practice of anticipatory compounding, which involves preparing compounded medications before the actual receipt of a prescription or practitioner's order, unless the compounding pharmacy has a history of filling certain prescriptions for a customer. In such cases, it is acceptable to engage in anticipatory compounding or the preparation of larger batches so that medications will be ready when they are needed. Anticipatory compounding also reduces the cost of compounded medications, as economies of scale can be realized by producing larger batches. Anticipatory compounding also leads to less wasted chemicals, dilutions, fillers, and other associated products are produced, and greater accuracy and uniformity in finished medications, as larger batches decrease the variation caused by preparing multiple, smaller batches. Based on our history of meeting the needs of our customers, we are able to anticipatorily compound batches of our formulations for our customers, per the applicable regulations.

Many of the states into which we deliver pharmaceuticals have laws and regulations that require out-of-state pharmacies to register with, or be licensed by, the boards of pharmacy or similar regulatory bodies in those states. These states generally permit the dispensing pharmacy to follow the laws of the state within which the dispensing pharmacy is located. However, various state pharmacy boards have enacted laws and/or adopted rules or regulations directed at restricting or prohibiting the operation of out-of-state pharmacies by, among other things, requiring compliance with all laws of the states into which the out-of-state pharmacy dispenses medications, whether or not those laws conflict with the laws of the state in which the pharmacy is located, or requiring the pharmacist-in-charge to be licensed in that state. To the extent that such laws or regulations are found to be applicable to our operations, we believe we comply with them.

Further, under federal law, Section 503A of the FDCA seeks to limit the amount of compounded products that a pharmacy can distribute interstate. The interpretation and enforcement of this provision is dependent on the FDA entering into a standard Memorandum of Understanding (“MOU”) with each state setting forth limits on shipments of interstate compounding. In January of 2018, the FDA released a “2018 Compounding Policy Priorities Plan” (the “2018 Compounding Plan”) which provided an overview of the key priorities the FDA plans to focus on in 2018 in connection with compounding regulations. One of the priorities outlined in the 2018 Compounding Plan addressed the FDA’s plan to release a revised MOU (the “Revised MOU”). Pursuant to the statements in the 2018 Compounding Plan, the Revised MOU would consider amounts shipped interstate by a compounder to be inordinate amounts if the “number of prescriptions of compounded drugs distributed interstate during any calendar month is greater than 50 percent.” Importantly, instead of that number serving as a “hard limit, for state action,” the 50% target would trigger certain additional reporting requirements. The Revised MOU will also provide states more time to report to the FDA, and flexibility on identifying when amounts are inordinate, considering the size and scope of compounding operations. Until the Revised MOU is issued and presented to states to consider, the extent of interstate distribution restrictions imposed by Section 503A is unknown. However, the FDA has continued to state its position that it does not intend to enforce the 5% out of state distribution limit set forth in the law for compounders until a final MOU is made available for a state’s signature. The FDA has proposed a 180 day grace period for states to agree to the final MOU after the final version is presented, which to date has not occurred, before it would begin to enforce the 5% rule. If the final Revised MOU contains a 50% limit on interstate distribution, dependent on the additional reporting requirements to be outlined in the Revised MOU, our pharmacy operations could be materially limited.

Certain provisions of the FDCA govern the preparation, handling, storage, marketing and distribution of pharmaceutical products. The Drug Quality and Security Act of 2013 (DQSA) clarifies and strengthens the federal regulatory framework governing compounding pharmacies. Title 1 of the DQSA, the Compounding Quality Act, modifies provisions of the Section 503A of the FDCA that were found to be unconstitutional by the U.S. Supreme Court in 2002. In general, Section 503A provides that pharmacies are exempt from the provisions of the FDCA requiring compliance with cGMP, labeling with adequate directions for use and FDA approval prior to marketing if the pharmacy complies with certain other requirements. Among other things, to comply with Section 503A, a compounded drug must be compounded by a licensed pharmacist for an identified individual patient on the basis of a valid prescription. Pharmacies may only compound in limited quantities before receipt of a prescription for an individual patient and are subject to limitations on anticipatory compounding for distribution, which generally permit anticipatory compounding only based on historical prescription volumes.

The DQSA also contained new Section 503B of the FDCA, which established an outsourcing facility as a new form of entity that is permitted to compound larger quantities of drug formulations without a prescription, thus permitting the practice of anticipatory compounding, and distributing them out of state without limitation, if the drug formulations appear on the FDA’s drug shortage list or the bulk drug substances contained in the formulations appear on a “clinical need” list to be established by the FDA. In January 2017, the FDA issued an *Interim Policy on Compounding Using Bulk Drug Substances Under Section 503B of the FDCA* (“Interim Policy”) that informs stakeholders about how the FDA intends to exercise its enforcement discretion for compounding with those substances on a “Category 1 list” while the agency compiles and evaluates its clinical needs list, as well as in March 2019 the FDA issued guidance for industry *Evaluation of Bulk Substances Nominated for Use in Compounding Under Section 503B of the Federal Food, Drug and Cosmetic Act*, which further describes FDA’s policy for evaluating bulk drug substances nominated for use in compounding by outsourcing facilities. Entities voluntarily registering as outsourcing facilities are subject to cGMP requirements and regular FDA inspection, among other requirements. As described above, our current pharmacy operations in NJ are governed by Section 503A of the FDCA, and our NJ based outsourcing facility is governed by Section 503B of the FDCA.

In two recent California federal court decisions, *Allergan USA, Inc. v. Prescribers Choice, Inc.* and *Allergan USA, Inc. v. Imprimis Pharmaceuticals, Inc.*, the Court made rulings which impact 503B and 503A facilities operating in and shipping to the state of California. In the *Prescribers Choice* case, the Court determined that while the FDA’s interim policies do not override the statutory obligations of the DQSA, the Court supported the FDA’s authority and flexibility as it determines what clinical needs exist and finalizes the bulk drug substances list. The Court would not hold a party liable under California’s Sherman Food, Drug and Cosmetic Law (“Sherman Law”) for selling, delivering, or giving away any new drug that has not been approved by the California Department of Health Services or FDA if that party has complied with the FDA’s Interim Policy. In other words, it is not unlawful in California to utilize bulk drugs appearing on the Category 1 list while the FDA finalizes its clinical needs list. In the *Imprimis Pharmaceuticals* case, the Court made clear that its rulings related to violations of California’s Unfair Competition Law (“UCL”) (Cal. Bus. Prof. Code §17200) were limited in geographical scope to drugs prepared in, dispensed from within or shipped to the State of California. With respect to 503A facilities, the Court followed FDA’s guidance allowing compounding pharmacies to ship more than 5% of its medications out of state while finalizing the MOUs. It further held that 503A facilities operating within or shipping into the state of California must follow statutory guidance found in 21 U.S.C. 353(a). With respect to the statutory guidance related to compounding in response to valid prescription orders, the Court added a requirement that the valid prescription order must contain language that “an FDA-approved drug is not medically appropriate.” The practical effect of these two rulings is that 503A and 503B facilities operating within or shipping drugs into the State of California now have clear guidance as to what is, and is not, lawful behavior with respect the California’s UCL and Sherman Law.

Confidentiality, Privacy and HIPAA

Our pharmacy operations involve the receipt, use and disclosure of confidential medical, pharmacy and other health-related information. In addition, we use aggregated and blinded (anonymous) data for research and analysis purposes. The federal privacy regulations under HIPAA are designed to protect the medical information of a healthcare patient or health plan enrollee that could be used to identify the individual. Among other things, HIPAA limits certain uses and disclosures of protected health information and requires compliance with federal security regulations regarding the storage, utilization and transmission of and access to electronic protected health information. The requirements imposed by HIPAA are extensive. In addition, most states and certain other countries have enacted privacy and security laws that protect identifiable patient information that is not health-related. For example, California recently enacted the California Consumer Privacy Act, or CCPA, that creates new individual privacy rights for consumers and places increased privacy and security obligations on entities handling personal data of consumers or households. Effective January 1, 2020, the CCPA gives California residents expanded privacy rights and protections, and provides civil penalties for violations and a private right of action for data breaches. The CCPA will likely impact our business activities and exemplifies the vulnerability of our business to not only cyber threats but also the evolving regulatory environment related to personal data and protected health information. Other countries also have, or are developing, laws governing the collection, use and transmission of personal information, such as the General Data Protection Regulation (“GDPR”) in the European Union (the “EU”) that became effective in May 2018 and the Personal Information Protection and Electronic Documents Act that became effective in Canada in April 2000. Further, several states have enacted more protective and comprehensive pharmacy-related privacy legislation that not only applies to patient records but also prohibits the transfer or use for commercial purposes of pharmacy data that identifies prescribers. These regulations impose substantial requirements on covered entities and their business associates regarding the storage, utilization and transmission of and access to personal health and non-health information. Many of these laws apply to our business.

Medicare and Medicaid Reimbursement

Medicare is a federally funded program that provides health insurance coverage for qualified persons age 65 or older and for some disabled persons with certain specific conditions. State-funded Medicaid programs provide medical benefits to groups of low-income and disabled individuals, some of whom may have inadequate or no medical insurance. Currently, most of our compounded formulations are sold in cash transactions and the customers decide whether or not to seek reimbursement opportunities from Medicare, Medicaid and other third parties. We work with third-party insurers, pharmacy benefit managers and buying groups to offer patient-specific customizable compounded formulations at accessible prices. We plan to continue to devote time and other resources to seek reimbursement and patient pay opportunities for these and other compounded formulations, and we have hired pharmacy billers to process certain existing reimbursement opportunities for certain formulations. In February 2020, we applied to CMS for transitional pass-through payment status for one of our compounded formulations, and may apply for transitional-pass through payment status of an additional compounded formulation later this year, however, we may be unsuccessful in achieving these goals, as many third-party payors have imposed significant restrictions on reimbursement for compounded formulations in recent years. Moreover, third-party payors, including Medicare, are increasingly attempting to contain health care costs by limiting coverage and the level of reimbursement for new drugs and by refusing, in some cases, to provide coverage for uses of approved products for disease indications for which the FDA has not granted labeling approval. Further, the Health Care Reform Law may have a considerable impact on the existing U.S. system for the delivery and financing of health care and could conceivably have a material effect on our business. As a result, reimbursement from Medicare, Medicaid and other third-party payors may never be available for any of our products or, if available, may not be sufficient to allow us to sell the products on a competitive basis and at desirable price points.

To the extent we obtain third-party reimbursement for our compounded formulations, we may become subject to Medicare, Medicaid and other publicly financed health benefit plan regulations prohibiting kickbacks, beneficiary inducement and the submission of false claims.

FDA New Drug Application Process

As discussed in other sections of this report, we are and may continue to, alone or with project partners, pursue FDA approval to market and sell one or more of our formulations through the FDA’s NDA process. To the extent that the Section 505(b)(2) applicant is relying on the FDA’s conclusions regarding studies conducted for an already approved product, the applicant is required to certify to the FDA concerning any patents listed for the approved product in the FDA’s Orange Book publication. As a condition of approval, the FDA or other regulatory authorities may require further studies, including Phase 4 post-marketing studies, to provide additional data. Other post-marketing studies may be required to gain approval for the use of a product as a treatment for clinical indications other than those for which the product was initially tested and approved. Also, the FDA or other regulatory authorities require post-marketing reporting to monitor the adverse effects of a drug. Results of post-marketing programs may limit or expand the further marketing of a product.

The FDA closely regulates the post-approval marketing and promotion of drugs, including standards and regulations for direct-to-consumer advertising, off-label promotion, industry-sponsored scientific and educational activities and promotional activities involving the Internet. A company can make only those claims relating to safety and efficacy that are approved by the FDA. Failure to comply with these requirements can result in adverse publicity, warning letters, corrective advertising, fines and potential civil and criminal penalties.

International Regulation

If we pursue commercialization of our proprietary formulations in countries other than the United States, then we may need to obtain the approvals required by the regulatory authorities of such foreign countries that are comparable to the FDA and state boards of pharmacy, and we would be subject to a variety of other foreign statutes and regulations comparable to those relating to our U.S. operations. Regulatory frameworks and requirements vary by country and could involve significant additional licensing requirements and product testing and review periods.

Environmental and Other Matters

We are or may become subject to environmental laws and regulations governing, among other things, any use and disposal by us of hazardous or potentially hazardous substances in connection with our research and preparation of our formulations. In addition, we are subject to work safety and labor laws that govern certain of our operations and our employee relations. In each of these areas, as described above, the FDA and other government agencies have broad regulatory and enforcement powers, including, among other things, the ability to levy fines and civil penalties, suspend or delay issuance of approvals, licenses or permits, seize or recall products, and withdraw approvals, any one or more of which could have a material adverse effect on our business.

Research and Development Expenses

Our research and development expenses incurred in 2019 and 2018 primarily include expenses related to the development of intellectual property, researcher and investigator-initiated evaluations, and research and formulation development related primarily to our ophthalmic formulations and certain other assets, in addition to costs associated with our drug candidate development programs.

During the year ended December 31, 2019, we incurred \$2,083,000 in research and development expenses, compared to \$825,000 during the year ended December 31, 2018.

Financial Information About Segments and Geographic Areas

Beginning on January 1, 2019, the Company began evaluating performance of the Company based on operating segments. Segment performance for its two operating segments will be based on segment contribution. Our reportable segments consist of (i) our commercial stage pharmaceutical compounding business (Pharmaceutical Compounding), generally including the operations of our ImprimisRx business; and (ii) our start-up operations associated with pharmaceutical drug development business (Pharmaceutical Drug Development). Segment contribution for our segments represents net revenues less cost of sales, research and development, selling and marketing expenses, and select general and administrative expenses. The Company does not evaluate the following items at the segment level:

- Operating expenses within selling, general and administrative expenses that result from the impact of corporate initiatives. Corporate initiatives primarily include integration, restructuring, acquisition and other shared costs.
- Selling, general and administrative expenses that result from shared infrastructure, including certain expenses associated with legal matters, our board of directors and principal executive officers, investor relations and other like shared expenses.
- Other select revenues and operating expenses including R&D expenses, amortization, and asset sales and impairments, net as not all such information has been accounted for at the segment level, or such information has not been used by all segments.
- Total assets including capital expenditures.

The Company defines segment net revenues as pharmaceutical compounded drug sales, revenues from licenses and other revenue derived from related agreements.

Cost of sales within segment contribution includes direct and indirect costs to manufacture formulations and sell products, including active pharmaceutical ingredients, personnel costs, packaging, storage, royalties, shipping and handling costs, manufacturing equipment and tenant improvements depreciation, the write-off of obsolete inventory and other related expenses.

Selling, general and administrative expenses consist mainly of personnel-related costs, marketing and promotion costs, distribution costs, professional service costs, insurance, depreciation, facilities costs, transaction costs, and professional services costs which are general in nature and attributable to the segment.

See Note 18 to our consolidated financial statements included in this Annual Report for more information about our reportable segments.

Employees

As of March 6, 2020, we employed 133 employees. Our employees are engaged in pharmacy operations, sales, marketing, research, development, and general and administrative functions. We expect to add additional employees in all departmental functions as we carry out our business plan in the next 12 months. We are not party to any collective bargaining agreements with any of our employees. We have never experienced a work stoppage, and we believe our employee relations are good. We hire independent contractor labor and consultants on an as-needed basis.

Company Information

We were incorporated in Delaware in January 2006 as Bywater Resources, Inc. In September 2007, we closed a merger transaction with Transdel Pharmaceuticals Holdings, Inc. and changed our name to Transdel Pharmaceuticals, Inc. We changed our name to Imprimis Pharmaceuticals, Inc. in February 2012. We changed the name of our company to Harrow Health, Inc. in December 2018.

On June 26, 2011, we suspended our operations and filed a voluntary petition for reorganization relief under Chapter 11 of the United States Bankruptcy Code in the United States Bankruptcy Court for the Southern District of California, Case No. 11-10497-11. On December 8, 2011, in connection with our entry into a line of credit agreement and securities purchase agreement with a third party, our voluntary petition for reorganization relief was dismissed.

During the summer of 2019, we relocated our executive office previously based in San Diego, California to its current location at 102 Woodmont Blvd., Suite 610, Nashville, Tennessee and our telephone number at such office is (615) 733-4730. Our website address is harrowinc.com. Information contained on our website is not deemed part of this Annual Report.

ITEM 1A. RISK FACTORS

You should carefully consider the following risk factors in addition to the other information contained in this Annual Report. Our business, financial condition, results of operations and stock price could be materially adversely affected by any of these risks.

Risks Related to Our Business

Until 2018, we incurred losses in every year of our operations, and we may not be profitable in the future.

Until 2018, we incurred losses in every year of our operations. As of December 31, 2019, our accumulated deficit was \$(74,043,000). Our current projections indicate that we will have operating income and/or net income during 2020; however, these projections may not be correct and our plans could change. Also, we could incur increasing operating losses in the foreseeable future for our commercialization activities, research and development and our pharmaceutical compounding business which would impact net income. Recent changes to the accounting for equity investments require those investments to be measured at fair market value, which may cause our earnings (losses) to become volatile as the stock prices of those equity investments fluctuate. Although we have been generating revenue from our pharmaceutical compounding operations, our ability to generate the revenues necessary to achieve profitability will depend on many factors, including those discussed in this "Risk Factors" section. Our business plan and strategies involve costly activities that are susceptible to failure, and, therefore, we may not be able to generate sufficient revenue to support and sustain our business or reach the level of sales and revenues necessary to achieve and sustain profitability.

We may not receive sufficient revenue to fund our operations and recover our development costs.

Our business plan involves the preparation and sale of our proprietary formulations through our compounding pharmacies and outsourcing facilities. We have limited experience operating pharmacies and commercializing compounded formulations, and we may be unable to successfully manage this business or generate sufficient revenue to recover our development costs and operational expenses. We may have only limited success in marketing and selling our proprietary formulations. Although we have established and plan to grow our internal sales teams to market and sell our proprietary formulations and other non-proprietary products, we have limited experience with such activities and may not be able to generate sufficient physician and patient interest in our formulations to generate significant revenue from sales of these products. In addition, we are substantially dependent on our ImprimisRx compounding pharmacies and outsourcing facilities, along with any pharmacy partners with which we may contract to compound and sell our formulations using our quality standards and specifications, in a timely manner and sufficient volumes to accommodate the number of prescriptions they receive. Our pharmacies may be unable to compound our formulations successfully and we may be unable to acquire, build or enter into arrangements with pharmacies or outsourcing facilities of sufficient size, reputation and quality to implement our business plan, which would cause our business to suffer.

We sell our proprietary formulations primarily through pharmaceutical compounding facilities we own, but we may not be successful in our efforts to integrate these businesses into our operations.

We currently have two compounding facilities in New Jersey. We may plan to expand our pharmacy operations and personnel and developing our facilities into a unified group compounding pharmacy facilities. We have developed "ImprimisRx" as a uniform brand for our compounding facilities and ophthalmology focused pharmaceutical compounding business. We have limited experience acquiring, building or operating compounding pharmacies or other prescription dispensing facilities or commercializing our formulations through ownership of or licensing arrangements with pharmacies. In addition, as we have in the past, we have purchased and operated certain pharmaceutical compounding businesses and pharmacies, and subsequently divested or sold those associated assets, we may pursue similar strategies in the future. Those things considered, we may experience difficulties implementing and/or executing on our compounding pharmacy strategy, including difficulties that arise as a result of our lack of experience, and we may be unsuccessful and our plans may change materially. For instance:

- we have experienced delays and increased costs in relation to expansion efforts;
- we may not be able to satisfy applicable federal and state licensing and other requirements for any of our pharmacy businesses in a timely manner or at all;
- changes to federal and state pharmacy regulations may restrict compounding operations or make them more costly;
- we may be unable to achieve or maintain a sufficient physician and patient customer base to sustain our pharmacy operations;
- market acceptance of compounding pharmacies generally may be curtailed or delayed; and
- we may not be able to enter into licensing or other arrangements with third-party pharmacies or outsourcing facilities when desired, on acceptable terms or at all.

Moreover, all our efforts to expand pharmacy operations will involve significant costs and other resources, which we may not be able to afford and may disrupt our other operations and distract management and employees from the other aspects of our business. As a result, our business could materially suffer if we are unable to further develop a group of unified compounding facilities and, even if we are successful, we may be unable to generate sufficient revenue to recover our costs.

We are dependent on market acceptance of compounding pharmacies and compounded formulations, and physicians may be unwilling to prescribe, and patients may be unwilling to use, our proprietary customizable compounded formulations.

We currently distribute our proprietary formulations through compounding pharmacies and an outsourcing facility. Formulations prepared and dispensed by compounding pharmacies contain FDA-approved ingredients, but are not themselves approved by the FDA. Thus, our compounded formulations have not undergone the FDA approval process and only limited data, if any, may be available about the safety and efficacy of our formulations for any particular indication. Certain compounding pharmacies have been subject to widespread negative media coverage in recent years, and the actions of these pharmacies have resulted in increased scrutiny of compounding pharmacy activities from the FDA and state governmental agencies. For example, the FDA has issued formal requests to compounding pharmacies and outsourcing facilities to conduct a recall of all non-expired, purportedly sterile drug products and to cease sterile compounding operations due to lack of sterility assurance. As a result, some health care providers may be reluctant to purchase and use compounded drugs. Our growth and future sales depend not only on our ability to demonstrate in the face of increased scrutiny the quality and safety of our pharmacies and outsourcing facilities and our compliance with more stringent regulatory standards at the federal and state levels, but also on the continued acceptance of compounded drugs and formulations, particularly outsourced compounded drugs and formulations, in the marketplace.

An incident similar to the fungal meningitis outbreak in 2012, which was caused by a compounding pharmacy employing a non-sterile-to-sterile business model, could cause our customers to reduce their use of compounded formulations significantly or even stop using compounded drugs altogether. States have in the past, and could in the future, enact regulation prohibiting or restricting the use of compounding pharmacies and outsourcing facilities in response to such incidents. Such prohibitions or restrictions by states or reduced customer demand as a result of an incident with compounded drugs and formulations could have a material adverse effect on our business, results of operations and financial condition.

In August 2017, the FDA issued a MedWatch notification regarding our curcumin emulsion and two adverse events that had been associated with the use of these emulsions by prescribing physicians. We issued a press release on August 7, 2017, clarifying certain facts regarding the notice which outlined our belief that the adverse events associated with the two patients occurred due to an allergic reaction caused by the products being inappropriately administered and obtained by the prescribing physician, and our use of curcumin and excipients in our curcumin emulsion formulation met regulatory standards required for dispensing of the curcumin emulsion. In September 2017, the FDA released a letter confirming that the alleged misuse of certain ingredients in our curcumin emulsions were due to mislabeling by the underlying supplier, and not of our own misdoing. Separately, in December 2017, we were issued a warning letter from the FDA alleging that, in their interpretation of our public communications, we had made false or misleading claims and omitted risk and side effect information regarding certain of our ophthalmology focused compounded medications. We immediately performed a full review of our public communications referenced in the warning letter and responded to the FDA in January 2018. Notwithstanding our continued belief that our public communications were not in fact false and misleading, we have been in communication with the FDA and are taking steps to address the items outlined in the FDA letter. In June 2019, our outsourcing facility was issued a warning letter related to an April 2017 inspection and our use of certain active pharmaceutical ingredients in our compounded medications. We responded to the warning letter in July 2019. We will continue to work with the FDA to assure that all allegations in the warning letters have been addressed. We believe, to date, we have addressed all of the material items of concern in the FDA's warning letters and those related to the MedWatch notification (and any other requirements observed by FDA and noted to us), and we do not believe there will be any further action taken by FDA in these matters. Nonetheless, these items increased further scrutiny and negative publicity on us as a company. At times, we have become aware of negative views of regulators related to certain formulations, and as a result discontinued compounding certain drug formulations in an attempt help mitigate potential regulatory risk. As a result of the MedWatch notice, warning letters and other regulatory notifications, some physicians may be hesitant to prescribe and some patients may be hesitant to purchase and use non-FDA approved compounded formulations, particularly when an FDA-approved potential alternative is available. For other reasons physicians may be unwilling to prescribe or patients may be unwilling to use our proprietary compounded formulations, including the following: legal proscriptions on our ability to discuss the efficacy or safety of our formulations with potential users to the extent applicable data is available; our pharmacy operations are primarily operating on a cash-pay basis and reimbursement may or may not be available from third-party payors, including the government Medicare and Medicaid programs; and certain formulations are not required to be prepared and are not presently being prepared in a manufacturing facility governed by cGMP requirements. Any failure by physicians, patients and/or third-party payors to accept and embrace compounded formulations could substantially limit our market and cause our operations to suffer.



Our business is significantly impacted by state and federal statutes and regulations.

Our proprietary formulations are comprised of active pharmaceutical ingredients that are components of drugs that have received marketing approval from the FDA, although our proprietary compounded formulations have not themselves received FDA approval. FDA approval is not required in order to market and sell our compounded formulations. In the future we may choose to pursue FDA approval to market and sell certain potential drug candidates. The marketing and sale of compounded formulations is subject to and must comply with extensive state and federal statutes and regulations governing compounding pharmacies. These statutes and regulations include, among other things, restrictions on compounding for office use or in advance of receiving a patient-specific prescription or, for outsourcing facilities, requirements regarding preparation, such as regular FDA inspections and cGMP requirements, prohibitions on compounding drugs that are essentially copies of FDA-approved drugs, limitations on the volume of compounded formulations that may be sold across state lines, and prohibitions on wholesaling or reselling. These and other restrictions on the activities of compounding pharmacies and outsourcing facilities may significantly limit the market available for compounded formulations, compared to the market available for FDA-approved drugs.

Our pharmacy business is impacted by federal and state laws and regulations governing the following: the purchase, distribution, management, compounding, dispensing, reimbursement, marketing and labeling of prescription drugs and related services; FDA and/or state regulation affecting the pharmacy and pharmaceutical industries, including state pharmacy licensure and registration or permit standards; rules and regulations issued pursuant to HIPAA and other state and federal laws related to the use, disclosure and transmission of health information; and state and federal controlled substance laws. Our failure to comply with any of these laws and regulations could severely limit or curtail our pharmacy operations, which would materially harm our business and prospects. Further, our business could be adversely affected by changes in these or any newly enacted laws and regulations, and federal and state agency interpretations of the statutes and regulations. Statutory or regulatory changes could require us to make changes to our business model and operations and/or could require us to incur significantly increased costs to comply with such regulations.

If one of our pharmacies fails to comply with state statutes and regulations, the pharmacy could be required to cease operations or become subject to restrictions that could adversely affect our business.

State pharmacy laws require pharmacy locations in those states be licensed as an in-state pharmacy to dispense pharmaceuticals. In addition, state controlled substance laws require registration and compliance with state pharmacy licensure, registration or permit standards promulgated by the state's pharmacy licensing authority. Pharmacy and controlled substance laws often address the qualification of an applicant's personnel, the adequacy of its prescription fulfillment and inventory control practices and the adequacy of its facilities. If one of our pharmacies, or with which we may partner is found not to comply with state pharmacy and controlled substance laws and regulations, the pharmacy could be required to cease operations or become subject to burdensome restrictions and limitations on its business. For example, in March 2018, the California Board of Pharmacy filed an accusation against our subsidiary Park related to a compounded formulation we believe was legally dispensed and was, without our knowledge, inappropriately administered to a patient unknown to us, by the prescribing healthcare professionals. While we dispute all claims against Park, we did enter into a settlement agreement with the California Board of Pharmacy and surrendered Park's pharmacy license and ceased its sterile compounding operations. We have transferred approximately half of Park's business to our New Jersey based pharmacy. Although we distribute our proprietary formulations through other compounding pharmacies, and not solely through Park, the loss of Park's ability to compound sterile formulations could have an adverse impact on our ability to implement our business plan in a timely manner.

If we or our partner facilities fail to comply with the Controlled Substances Act, FDCA, or similar state statutes and regulations, the pharmacy facilities could be required to cease operations or become subject to restrictions that could adversely affect our business.

State pharmacy laws require pharmacy locations in those states to be licensed as an in-state pharmacy to dispense pharmaceuticals. In addition, state controlled substance laws require registration and compliance with state pharmacy licensure, registration or permit standards promulgated by the state's pharmacy licensing authority. Pharmacy and controlled substance laws often address the qualification of an applicant's personnel, the adequacy of its prescription fulfillment and inventory control practices and the adequacy of its facilities. These laws also subject pharmacies to oversight by state boards of pharmacy and other regulators that could impose burdensome requirements or restrictions on operations if a pharmacy is found not in compliance with these laws. We believe that our compounding pharmacies are in material compliance with applicable regulatory requirements. Further, if any of our compounding pharmacies (including Park) fail to comply with regulatory requirements, they could be forced to permanently or temporarily cease or limit their compounding operations, which would severely limit our ability to market and sell our proprietary formulations and would materially harm our operations and prospects. Any noncompliance could also result in complaints or adverse actions by other state boards of pharmacy. FDA inspection of a facility to determine compliance with the FDCA, if not successful, may result in the loss of FDCA exemptions provided under Sections 503A and 503B, warning letters, injunctions, prosecution, fines and loss of required government licenses, certifications and approvals, any of which could involve significant costs and could cause us to be unable to realize the expected benefits of these pharmacies' operations.

Further, under federal law, Section 503A of the FDCA seeks to limit the amount of compounded products that a pharmacy can dispense interstate. The interpretation and enforcement of this provision is dependent on the FDA entering into a standard MOU with each state setting forth limits on shipments of interstate compounding. Previously, the draft MOU presented by the FDA in February 2015 intended to limit interstate shipments of compounded drug units to 30% of all compounded and non-compounded units dispensed or distributed by the pharmacy per month, the excess of which the FDA considered an "inordinate amount." The FDA stated in the guidance issued in February 2015 that it would not enforce interstate restrictions until after it published a final MOU and made it available to states for signature for some designated period of time. If the final MOU was drafted and released by the FDA and was not signed by a particular state, then interstate shipments of compounded preparations from a pharmacy located in that state would be limited to quantities not greater than 5% of total prescription orders dispensed or distributed by the pharmacy; however, we are not aware that the FDA currently enforces or has in the past enforced the 5% rule and, under current draft guidance, the FDA had historically stated that it would not enforce the 5% rule until a final MOU was made available to states for signature. The FDA originally proposed a 180-day period for states to agree to the final MOU after the final version was presented, which to date has not occurred, before it would begin to enforce the 5% rule. In January of 2018, the FDA released the 2018 Compounding Plan which provided an overview of the key priorities the FDA plans to focus on in 2018 in connection with compounding regulations. One of the priorities outlined in the 2018 Compounding Plan addressed the current status of the MOU and the FDA's plan to release the Revised MOU. Pursuant to the statements in the 2018 Compounding Plan, the Revised MOU would consider amounts shipped interstate by a compounder to be inordinate amounts if the "number of prescriptions of compounded drugs distributed interstate during any calendar month is greater than 50 percent." Importantly, instead of that number serving as a "hard limit, for state action," the 50% target would trigger certain additional reporting requirements. The Revised MOU will also provide states more time to report to the FDA, and flexibility on identifying when amounts are inordinate, considering the size and scope of compounding operations. Until the Revised MOU is issued and presented to states to consider, the extent of interstate dispensing restrictions imposed by Section 503A is unknown. However, if the final Revised MOU contains a 50% limit on interstate distribution, dependent on the additional reporting requirements to be outlined in the Revised MOU, our pharmacy operations could be materially limited. Additionally, the permanent injunction entered on July 22, 2019, by the United States District Court of the Central District of California in the Allergan litigation (also referenced in Item. 3 Legal Proceedings), enjoins the Company from engaging in activities that are inconsistent with current FDA guidelines for 503A and 503B operations. While the Company believes its operations fully comply with the injunction, if the Court were to find the Company to be in violation of the injunction, further sanctions including fines and limitations on the pharmacies' operations could occur.

There are many competitive risks related to marketing and selling our proprietary formulations and operating our compounding pharmacy business.

The pharmaceutical and pharmacy industries are highly competitive. We compete against branded drug companies, generic drug companies, outsourcing facilities and other compounding pharmacies. We are significantly smaller than some of our competitors. Currently we lack some of the financial and other resources needed to develop, produce, distribute and market our proprietary formulations at a level to capture a significant market share in these sectors. The drug products available through branded and generic drug companies with which our formulations compete have been approved for marketing and sale by the FDA and are required to be manufactured in facilities compliant with cGMP standards. Although we prepare our compounded formulations in accordance with the standards provided by the United States Pharmacopeia ("USP") <795> and USP <797> and applicable state and federal law, our proprietary compounded formulations are not required to be, and have not been, approved for marketing and sale by the FDA. As a result, some physicians may be unwilling to prescribe, and some patients may be unwilling to use, our formulations. Additionally, under federal and state laws applicable to our current compounding pharmacy operations, we are not permitted to prepare significant amounts of a specific formulation in advance of a prescription, compound quantities for office use or utilize a wholesaler for distribution of our formulations; instead, our compounded formulations must be prepared and dispensed in connection with a physician prescription for an individually identified patient. Pharmaceutical companies, on the other hand, are able to sell their FDA-approved products to large pharmaceutical wholesalers, which can in turn sell to and supply hospitals and retail pharmacies. Even if we are successful in registering certain of our facilities as outsourcing facilities, our business may not be scalable on the scope available to our competitors that produce FDA-approved drugs, which may limit our potential for profitable operations. These facets of our operations may subject our business to limitations our competitors with FDA-approved drugs may not face.

Our future success depends in large part on our ability to maintain a competitive position with respect to biotechnology and related pharmaceutical technologies.

Biotechnology and related pharmaceutical technologies have undergone and continue to be subject to rapid and significant change. Our future success will depend in large part on our ability to maintain a competitive position with respect to these technologies. Products developed by our competitors, including FDA-approved drugs and compounded formulations created by other pharmacies, could render our products and technologies obsolete or unable to compete. Any products that we develop may become obsolete before we recover expenses incurred in their development, which may require us to raise additional funds that may or may not be available. The competitive environment requires an ongoing, extensive search for medical and technological innovations and the ability to develop and market these innovations effectively, and we may not be competitive with respect to these factors. Other competitive factors include the safety and efficacy of a product, the size of the market for a product, the timing of market entry relative to competitive products, the availability of alternative compounded formulations or approved drugs, the price of a product relative to alternative products, the availability of third-party reimbursement, the success of sales and marketing efforts, brand recognition and the availability of scientific and technical information about a product. Although we believe we are positioned to compete favorably with respect to many of these factors, if our proprietary formulations are unable to compete with the products of our competitors, we may never gain market share or achieve sustained profitability.

If a compounded drug formulation provided through our compounding services leads to patient injury or death or results in a product recall, we may be exposed to significant liabilities and reputational harm.

The success of our business, including our proprietary formulations and pharmacy operations, is highly dependent upon medical and patient perceptions of us and the actual safety and quality of our products. We could be adversely affected if we, any other compounding pharmacies or our formulations and technologies are subject to negative publicity. We could also be adversely affected if any of our formulations or other products we sell, any similar products sold by other companies, or any products sold by other compounding pharmacies prove to be, or are asserted to be, harmful to patients. For instance, if any of the components of approved drugs or other ingredients used to produce our compounded formulations have quality or other problems that adversely affect the finished compounded preparations, our sales could be adversely affected. Because of our dependence upon medical and patient perceptions, adverse publicity associated with illness or other adverse effects resulting from the use or misuse of our products, any similar products sold by other companies, or any other compounded formulations could have a material adverse impact on our business.

To assure compliance with USP guidelines, we have a policy whereby 100% of all sterile compound batches produced by our ImprimisRx compounding pharmacies are tested prior to their delivery to patients and physicians both in-house and externally by an independent, FDA-registered laboratory that has represented to us that it operates in compliance with current good laboratory practices. However, we could still become subject to product recalls and termination or suspension of our state pharmacy licenses if we fail to fully implement this policy, if the laboratory testing does not identify all contaminated products, or if our products otherwise cause or appear to have caused injury or harm to patients. In addition, laboratory testing may produce false positives, which could harm our business and impact our pharmacy operations and licensure even if the impacted formulations are ultimately found to be sterile and no patients are harmed by them. If adverse events or deaths or a product recall, either voluntarily or as required by the FDA or a state board of pharmacy, were associated with one of our proprietary formulations or any compounds prepared by our ImprimisRx compounding pharmacies or any pharmacy partner, our reputation could suffer, physicians may be unwilling to prescribe our proprietary formulations or order any prescriptions from such pharmacies, we could become subject to product and professional liability lawsuits, and our state pharmacy licenses could be terminated or restricted. If any of these events were to occur, we may be subject to significant litigation or other costs and loss of revenue, and we may be unable to continue our pharmacy operations and further develop and commercialize our proprietary formulations.

We carry product and professional liability insurance which may be inadequate.

Although we have secured product and professional liability insurance for our pharmacy operations and the marketing and sale of our formulations, our current or future insurance coverage may prove insufficient to cover any liability claims brought against us. Because of the increasing costs of insurance coverage, we may not be able to maintain insurance coverage at a reasonable cost or at a level adequate to satisfy liabilities that may arise.

Our ability to generate revenues will be diminished if we fail to obtain acceptable prices or an adequate level of reimbursement from third-party payors.

Currently, our ImprimisRx compounding pharmacies operate on mostly a cash-pay basis and do not submit large amounts of claims for reimbursement through Medicare, Medicaid or other third-party payors. As part of our Imprimis Cares initiative, we work with third-party insurers, pharmacy benefit managers and buying groups to offer patient-specific customizable compounded formulations at accessible prices. We plan to continue to devote time and other resources to seek reimbursement and patient pay opportunities for these and other compounded formulations. We have hired pharmacy billers to process certain existing reimbursement opportunities for certain formulations. However, we may be unsuccessful in achieving these goals, as many third-party payors have imposed significant restrictions on reimbursement for compounded formulations in recent years. Moreover, third-party payors, including Medicare, are attempting to contain health care costs by limiting coverage and the level of reimbursement for new drugs and by refusing, in some cases, to provide coverage for uses of approved products for disease indications for which the FDA has not granted labeling approval. Further, the Health Care Reform Law may have a considerable impact on the existing U.S. system for the delivery and financing of health care and could conceivably have a material effect on our business. As a result, reimbursement from Medicare, Medicaid and other third-party payors may never be available for any of our products or, if available, may not be sufficient to allow us to sell the products on a competitive basis and at desirable price points. If government and other third-party payors do not provide adequate coverage and reimbursement levels for our formulations, the market acceptance for our formulations may be limited.

Additionally, we are making efforts to normalize the pricing for our currently available proprietary compounded formulations. Any efforts to attain optimized pricing for our Dropleess Therapy or any of our other proprietary formulations could fail, which could make our products less attractive or unavailable to some patients or could reduce our margins.

We may not be able to correctly estimate our future operating expenses, which could lead to cash shortfalls.

The estimates of our future operating and capital expenditures are based upon our current business plan, our current operations and our current expectations regarding the commercialization of our proprietary formulations. Our projections have varied significantly in the past as a result of changes to our business model and strategy, our termination of efforts to pursue FDA approval of a drug candidate in November 2013, our acquisitions of compounding facilities and various product and corporate development opportunities since 2014, and the expenses in developing our pharmacy facilities into outsourcing facilities and registering them as such with the FDA. We may not accurately estimate the potential revenues and expenses of our operations. If we are unable to correctly estimate the amount of cash necessary to fund our business, we could spend our available financial resources much faster than we expect. If we do not have sufficient funds to continue to operate and develop our business, we could be required to seek additional financing earlier than we expect, which may not be available when needed or at all, or be forced to delay, scale back or eliminate some or all of our proposed operations.

If we do not successfully identify and acquire rights to potential formulations and successfully integrate them into our operations, our growth opportunities may be limited.

We plan to pursue the development of new proprietary compounded formulations in the ophthalmology and/or other therapeutic areas, which may include continued activities to develop and commercialize current assets or, if and as opportunities arise, potential acquisitions of new intellectual property rights and assets. We also intend to seek opportunities to introduce new lower-cost compounded formulation alternatives to higher-priced FDA-approved drugs. However, we expect acquisitions of compounding pharmacies to provide us with only limited research and development support and access to additional novel compounded formulations. We have historically relied, and we expect to continue to rely, primarily upon third parties to provide us with additional development opportunities. We may seek to enter into acquisition agreements or licensing arrangements to obtain rights to develop new formulations in the future, but only if we are able to identify attractive formulations and negotiate acquisition or license agreements on terms acceptable to us, which we may not be able to do. Moreover, we have limited resources to acquire additional potential product development assets and integrate them into our business. Acquisition opportunities may involve competition among several potential purchasers, which could include large multi-national pharmaceutical companies and other competitors that have access to greater financial resources than we do. If we are unable to obtain rights to development opportunities from third parties and we are unable to rely upon our compounding pharmacies and current and future relationships with pharmacists, physicians and other inventors to provide us with additional development opportunities, our growth and prospects could be limited.

Our product development strategy is to focus on a select few therapeutic areas in which we believe there is broad market potential, large unmet needs and/or unique value to physicians and patients and to develop and offer formulations within these therapeutic areas that could afford us with gross margins. However, our expectations and assumptions about market potential and patient needs may prove to be wrong and we may invest capital and other resources on formulations that do not generate sufficient revenues for us to recoup our investment.

We may be unable to successfully develop and commercialize our proprietary formulations or any other assets we may acquire.

We have acquired assets related to compoundable formulations and we have entered into one license agreement for rights to commercialize a compounding formulation. We are currently pursuing development and commercialization opportunities with respect to certain of these formulations, and we are in the process of assessing certain of our other assets in order to determine whether to pursue their development or commercialization. In addition, we expect to consider the acquisition of additional intellectual property rights or other assets in the future. Once we determine to pursue a potential drug candidate, we develop a commercialization strategy for it, which may include marketing and selling the formulation in compounded form through compounding pharmacies or outsourcing facilities, or pursuing FDA approval of the drug candidate. We may incorrectly assess the risks and benefits of the commercialization options or we may not pursue a commercialization strategy that proves to be successful. If we are unable to successfully commercialize one or more of our proprietary formulations, our operating results would be adversely affected. Even if we are able to successfully sell one or more proprietary formulations, we may never recoup our investment in acquiring or developing the formulations. Our failure to identify and expend our resources on formulations and technologies with commercial potential and execute an effective commercialization strategy for each of our formulations would negatively impact the long-term profitability of our business.

We have incurred significant indebtedness, which will require substantial cash to service and which subjects us to certain financial requirements and business restrictions.

Our ability to make scheduled payments on our indebtedness depends on our future performance and ability to raise additional capital, which is subject to economic, financial, competitive and other factors, some of which are beyond our control. If we are unable to generate sufficient cash to service our debt, we may be required to adopt one or more alternatives, such as selling assets, restructuring our debt or obtaining additional capital through equity sales or incurrence of additional debt on terms that may be onerous or highly dilutive to our stockholders. Our ability to engage in any of these activities would depend on the capital markets and our financial condition at such time, and we may not be able to do so when needed, on desirable terms or at all, which could result in a default on our debt obligations. Additionally, our debt instrument with SWK Funding LLC ("SWK") contain various restrictive covenants, including, among others, our obligation to deliver to SWK certain financial and other information, our obligation to comply with certain notice and insurance requirements, and our inability, without SWK's prior consent, to dispose of certain of our assets, incur certain additional indebtedness, enter into certain merger, acquisition or change of control transactions, pay certain dividends or distributions on or repurchase any of our capital stock or incur any lien or other encumbrance on our assets, subject to certain permitted exceptions. Any failure by us to comply with any of these covenants, subject to certain cure periods, or to make all payments under the debt instruments when due, would cause us to be in default under the applicable debt instrument. In the event of any such default, SWK may be able to foreclose on our assets that secure the debt or declare all borrowed funds, together with accrued and unpaid interest, immediately due and payable, thereby potentially causing all of our available cash to be used to pay our indebtedness or forcing us into bankruptcy or liquidation if we do not then have sufficient cash available. Any such event or occurrence could severely and negatively impact our operations and prospects.

We may need additional capital in order to continue operating our business, and such additional funds may not be available when needed, on acceptable terms, or at all.

We only recently started generating cash from operations, but we do not currently earn sufficient revenues to support our operations. We may need significant additional capital to execute our business plan and fund our proposed business operations. Additionally, our plans may change or the estimates of our operating expenses and working capital requirements could be inaccurate, we may pursue acquisitions of pharmacies or other strategic transactions that involve large expenditures, or we may experience growth more quickly or on a larger scale than we expect, any of which may result in the depletion of capital resources more rapidly than anticipated and could require us to seek additional financing earlier than we expect to support our operations.

We have raised over \$59,000,000 in funds through equity and debt financings since January 2015. We may seek to obtain additional capital through equity or debt financings, funding from corporate partnerships or licensing arrangements, sales of assets or other financing transactions. If we issue additional equity or convertible debt securities to raise funds, our existing stockholders may experience substantial dilution, and the newly issued equity or debt securities may have more favorable terms or rights, preferences and privileges senior to those of our existing stockholders. If we raise additional funds through collaboration and licensing arrangements or sales of assets, we may have to relinquish potentially valuable rights to our drug candidates or proprietary technologies, or grant licenses on terms that are not favorable to us. If we raise funds by incurring additional debt, we may be required to pay significant interest expenses and our leverage relative to our earnings or to our equity capitalization may increase. Obtaining commercial loans, assuming those loans would be available, would increase our liabilities and future cash commitments and may impose restrictions on our activities, such as the financial and operating covenants included in our loan agreement with SWK. Further, we may incur substantial costs in pursuing future capital and/or financing transactions, including investment banking fees, legal fees, accounting fees, printing and distribution expenses and other costs. We may also be required to recognize non-cash expenses in connection with certain securities we may issue, such as options, convertible notes and warrants, which would adversely impact our financial results.

We have in the past and may in the future participate in strategic transactions that could impact our liquidity, increase our expenses and distract our management.

From time to time we consider engaging in strategic transactions, such as out-licensing or in-licensing of compounds or technologies, acquisitions of companies, and asset purchases. We may also consider a variety of different business arrangements in the future, including strategic partnerships, joint ventures, spin-offs, restructurings, divestitures, business combinations and investments. In addition, another entity may pursue us or certain of our assets or aspects of our operations as an acquisition target. Any such transactions may require us to incur expenses specific to the transaction and not incident to our operations, may increase our near- and long-term expenditures, may pose significant integration challenges, may require us to hire or otherwise engage personnel with additional expertise, or may result in our selling or licensing of our assets or technologies under terms that may not prove profitable, any of which could harm our operations and financial results. Such transactions may also entail numerous other operational and financial risks, including, among others, exposure to unknown liabilities, disruption of our business and diversion of our management's time and attention in order to develop acquired products, drug candidates, technologies or businesses.

As part of our efforts to complete any significant transaction, we would need to expend significant resources to conduct business, legal and financial due diligence, with the goal of identifying and evaluating material risks involved in the transaction. We may be unsuccessful in ascertaining or evaluating all the risks and, as a result, we may not realize the expected benefits of the transaction, whether due to unidentified risks, integration difficulties, regulatory setbacks or other events. We may incur material liabilities for the past activities of any businesses we partner with or acquire. If any of these events occur, we could be subject to significant costs and damage to our reputation, business, results of operations and financial condition.

If we are unable to establish, train and maintain an effective sales and marketing infrastructure, we will not be able to commercialize our drug candidates successfully.

We have started to build an internal sales and marketing infrastructure to implement our business plan by developing internal sales teams and education campaigns to market our proprietary formulations. We will need to expend significant resources to further establish and grow this internal infrastructure and properly train sales personnel with respect to regulatory compliance matters. We may also choose to engage or enter into other arrangements with third parties to provide sales and marketing services for us in place of or to supplement our internal commercialization infrastructure. We may not be able to secure sales personnel or relationships with third-party sales organizations that are adequate in number or expertise to successfully market and sell our proprietary formulations and pharmacy services. Further, any third-party organizations we may seek to partner with or engage may not be able to provide sales and marketing services in accordance with our expectations and standards, may be more expensive than we can afford or may not be available on otherwise acceptable terms or at all. If we are unable to establish and maintain compliant and adequate sales and marketing capabilities, through our own internal infrastructure or third-party services or other arrangements, we may be unable to sell our formulations or services or generate meaningful revenue.

Our business and operations would suffer in the event of cybersecurity or other system failures.

Despite the implementation of security measures, our internal computer systems and those of any third parties with which we partner are vulnerable to damage from computer viruses, unauthorized access, natural disasters, terrorism, war and telecommunication and electrical failures. While we have not experienced any cybersecurity or system failure, accident or breach to date, if an event were to occur, it could result in a material disruption of our operations, substantial costs to rectify or correct the failure, if possible, and potentially violation of HIPAA and other privacy laws applicable to our operations. For example, the CCPA became effective on January 1, 2020 and gave California residents expanded rights to access and require deletion of their personal information, opt out of certain personal information sharing and receive detailed information about how their personal information is used. The CCPA provides for civil penalties for violations, as well as a private right of action for data breaches that may increase data breach litigation. Although the CCPA includes exemptions for certain clinical trials data, and HIPAA-protected health information, the law may increase our compliance costs and potential liability with respect to other personal information we collect about California residents. The CCPA has prompted a number of proposals for new federal and state privacy legislation. Other countries also have, or are developing, laws governing the collection, use and transmission of personal information, such as the GDPR in the EU that became effective in May 2018 and the Personal Information Protection and Electronic Documents Act that became effective in Canada in April 2000. We anticipate that over time we may expand our business to include operations outside of the United States. With such expansion, we would be subject to increased governmental regulation in the EU countries in which we might operate, including the GDPR. These laws and similar laws adopted in the future could increase our potential liability, increase our compliance costs and adversely affect our business. If any disruption or security breach resulted in a loss of or damage to our data or applications or inappropriate disclosure of confidential or protected information, we could incur liability, further development of our proprietary formulations could be delayed, and our pharmacy operations could be disrupted, subject to restriction or forced to terminate their operations, any of which could severely harm our business and prospects.

We depend upon consultants, outside contractors and other third-party service providers for key aspects of our business.

We are substantially dependent on consultants and other outside contractors and service providers for key aspects of our business. For instance, we rely upon pharmacist, physician and research consultants and advisors to provide us with significant assistance in the evaluation of product development opportunities, and we have engaged or supported, and expect to continue to engage or support, consultants, advisors, clinical research organizations (“CROs”) and others to design, conduct, analyze and interpret the results of any clinical or non-clinical trials or other studies in connection with the research and development of our products. If any of our consultants or other service providers terminates its engagement with us, or if we are unable to engage highly qualified replacements as needed on commercially reasonable terms, we may be unable to successfully execute our business plan. We must effectively manage these third-party service providers to ensure that they successfully carry out their contractual obligations and meet expected deadlines. However, these third parties often engage in other business activities and may not devote sufficient time and attention to our activities and we may have only limited contractual rights in connection with the conduct of the activities we have engaged the service providers to perform. If we are unable to effectively manage our outsourced activities or if the quality, timeliness or accuracy of the services provided by third-party service providers is compromised for any reason, our development activities may be extended, delayed or terminated, and we may not be able to commercialize our formulations or advance our business.

Risks Related to Product Development, Regulatory Approval, Manufacturing and Commercialization

If we seek FDA approval to market and sell any of our proprietary formulations, such as drug candidates that we have royalty interests in that are being developed by Radley, Mayfield, Melt, and Surface, we may be unable to demonstrate the necessary safety and efficacy to obtain such FDA approval.

Historically, our business strategy was focused on developing and commercializing product opportunities as compounded formulations. In 2018 and 2019, and in the future we, alone or with project partners, may seek FDA regulatory approval to market and sell one or more of our assets as a FDA-approved drug. Obtaining FDA approval to market and sell pharmaceutical products is costly, time consuming, uncertain and subject to unanticipated delays. The FDA or other regulatory agencies may not approve a drug candidate on a timely basis or at all. Before we obtain FDA approval for the sale of any potential drug candidates, we will be required to demonstrate through preclinical studies and clinical trials that it is safe and effective for each intended use, which we may not be able to do. A failure to demonstrate safety and efficacy of a drug candidate to the FDA’s satisfaction would result in our failure to obtain FDA approval. Moreover, even if the FDA were to grant regulatory approval of a drug candidate, the approval may be limited to specific therapeutic areas or limited as to its distribution, which could reduce revenue potential, and we will be subject to extensive and costly post-approval requirements and oversight with respect to commercialization of the drug candidate.

Delays in the completion of, or the termination of, any clinical or non-clinical trials for any drug candidates for which we may seek FDA approval could adversely affect our business.

Clinical trials are very expensive, time consuming, unpredictable and difficult to design and implement. The results of clinical trials may be unfavorable, they may continue for several years, and they may take significantly longer to complete and involve significantly more costs than expected. Delays in the commencement or completion of clinical testing could significantly affect product development costs and plans with respect to any drug candidate for which we seek FDA approval. The commencement and completion of clinical trials can be delayed and experience difficulties for a number of reasons, including delays and difficulties caused by circumstances over which we may have no control. For instance, approvals of the scope, design or trial site may not be obtained from the FDA and other required bodies in a timely manner or at all, agreements with acceptable terms may not be reached in a timely manner or at all with CROs to conduct the trials, a sufficient number of subjects may not be recruited and enrolled in the trials, and third-party manufacturers of the materials for use in the trials may encounter delays and problems in the manufacturing process, including failure to produce materials in sufficient quantities or of an acceptable quality to complete the trials. If we were to experience delays in the commencement or completion of, or if we were to terminate, any clinical or non-clinical trials we pursue in the future, the commercial prospects for the applicable drug candidates may be limited or eliminated, which may prevent us from recouping our investment in research and development efforts for the drug candidate and would have a material adverse effect on our business, results of operations, financial condition and prospects.

We depend on the success of our drug candidates, and those we have royalty rights to, which have not yet demonstrated efficacy for their target or any other indications. If we are unable to generate revenues from our drug candidates, our ability to create stockholder value will be limited.

Our drug candidates are in the early stages of clinical development. We do not generate revenues from any FDA approved drug products. We expect to submit an IND or foreign equivalent to the FDA or international regulatory authorities seeking approval to initiate our clinical trials in humans in the United States or other countries yet to be determined. We plan on submitting our clinical trial protocols and receive approvals from the FDA and international regulatory authorities before we can commence any clinical trials. We may not be successful in obtaining acceptance from the FDA or comparable foreign regulatory authorities to start our clinical trials. If we do not obtain such acceptance, the time in which we expect to commence clinical programs for any drug candidate will be extended and such extension will increase our expenses and increase our need for additional capital. Moreover, there is no guarantee that our clinical trials will be successful or that we will continue clinical development in support of an approval from the FDA or comparable foreign regulatory authorities for any indication. We note that most drug candidates never reach the clinical development stage and even those that do commence clinical development have only a small chance of successfully completing clinical development and gaining regulatory approval. Therefore, our business currently depends entirely on the successful development, regulatory approval and commercialization of our drug candidates, which may never occur.

If we are not able to obtain any required regulatory approvals for our drug candidates, we will not be able to commercialize our drug candidate and our ability to generate revenue will be limited.

We must successfully complete clinical trials for our drug candidates before we can apply for marketing approval. Even if we complete our clinical trials, it does not assure marketing approval. Our clinical trials may be unsuccessful, which would materially harm our business. Even if our initial clinical trials are successful, we are required to conduct additional clinical trials to establish our drug candidates' safety and efficacy, before an NDA or Biologics License Application ("BLA"), or their foreign equivalents can be filed with the FDA or comparable foreign regulatory authorities for marketing approval of our drug candidates.

Clinical testing is expensive, is difficult to design and implement, can take many years to complete and is uncertain as to outcome. Success in early phases of pre-clinical and clinical trials does not ensure that later clinical trials will be successful, and interim results of a clinical trial do not necessarily predict final results. A failure of one or more of our clinical trials can occur at any stage of testing. We may experience numerous unforeseen events during, or as a result of, the clinical trial process that could delay or prevent our ability to receive regulatory approval or commercialize our drug candidates. The research, testing, manufacturing, labeling, packaging, storage, approval, sale, marketing, advertising and promotion, pricing, export, import and distribution of drug products are subject to extensive regulation by the FDA and other regulatory authorities in the United States and other countries, which regulations differ from country to country. We are not permitted to market our drug candidates as prescription pharmaceutical products in the United States until we receive approval of an NDA from the FDA, or in any foreign countries until we receive the requisite approval from such countries. In the United States, the FDA generally requires the completion of clinical trials of each drug to establish its safety and efficacy and extensive pharmaceutical development to ensure its quality before an NDA is approved. Regulatory authorities in other jurisdictions impose similar requirements. Of the large number of drugs in development, only a small percentage result in the submission of an NDA to the FDA and even fewer are eventually approved for commercialization. We have not submitted an NDA to the FDA or comparable applications to other regulatory authorities. If our development efforts for our drug candidates, including regulatory approval, are not successful for their planned indications, or if adequate demand for our drug candidates is not generated, our business will be materially adversely affected.

Our success depends on the receipt of regulatory approval and the issuance of such regulatory approvals is uncertain and subject to a number of risks, including the following:

- the results of toxicology studies may not support the filing of an IND for our drug candidates;
- the FDA or comparable foreign regulatory authorities or Institutional Review Boards, or "IRB", may disagree with the design or implementation of our clinical trials;
- we may not be able to provide acceptable evidence of our drug candidates' safety and efficacy;
- the results of our clinical trials may not be satisfactory or may not meet the level of statistical or clinical significance required by the FDA, European Medicines Agency (the "EMA"), or other regulatory agencies for marketing approval;
- the dosing of our drug candidates in a particular clinical trial may not be at an optimal level;
- patients in our clinical trials may suffer adverse effects for reasons that may or may not be related to our drug candidates;
- the data collected from clinical trials may not be sufficient to support the submission of an NDA, BLA or other submission or to obtain regulatory approval in the United States or elsewhere;
- the FDA or comparable foreign regulatory authorities may fail to approve the manufacturing processes or facilities of third-party manufacturers with which we contract for clinical and commercial supplies; and
- the approval policies or regulations of the FDA or comparable foreign regulatory authorities may significantly change in a manner rendering our clinical data insufficient for approval.

Failure to obtain regulatory approval for our drug candidates for the foregoing, or any other reasons, will prevent us from commercializing our drug candidates, and our ability to generate revenue will be materially impaired. We cannot guarantee that regulators will agree with our assessment of the results of the clinical trials we intend to conduct in the future or that such trials will be successful. The FDA, EMA and other regulators have substantial discretion in the approval process and may refuse to accept any application or may decide that our data is insufficient for approval and require additional clinical trials, or pre-clinical or other studies. In addition, varying interpretations of the data obtained from pre-clinical and clinical testing could delay, limit or prevent regulatory approval of our drug candidates.

Excluding any activities through our ownership interest in Eton, we have not submitted an NDA or received regulatory approval to market our drug candidates in any jurisdiction. We have only limited experience in filing the applications necessary to gain regulatory approvals and expect to rely on consultants and third party contract research organizations, or "CROs", with expertise in this area to assist us in this process. Securing regulatory approvals to market a product requires the submission of pre-clinical, clinical, and/or pharmacokinetic data, information about product manufacturing processes and inspection of facilities and supporting information to the appropriate regulatory authorities for each therapeutic indication to establish a drug candidate's safety and efficacy for each indication. Our drug candidates may prove to have undesirable or unintended side effects, toxicities or other characteristics that may preclude us from obtaining regulatory approval or prevent or limit commercial use with respect to one or all intended indications.

The process of obtaining regulatory approvals is expensive, often takes many years, if approval is obtained at all, and can vary substantially based upon, among other things, the type, complexity and novelty of the drug candidates involved, the jurisdiction in which regulatory approval is sought and the substantial discretion of the regulatory authorities. Changes in regulatory approval policies during the development period, changes in or the enactment of additional statutes or regulations, or changes in regulatory review for a submitted product application may cause delays in the approval or rejection of an application. Regulatory approval obtained in one jurisdiction does not necessarily mean that a drug candidate will receive regulatory approval in all jurisdictions in which we may seek approval, but the failure to obtain approval in one jurisdiction may negatively impact our ability to seek approval in a different jurisdiction. Failure to obtain regulatory marketing approval for our drug candidates in any indication will prevent us from commercializing the drug candidate, and our ability to generate revenue will be materially impaired.

If we fail to successfully commercialize any of our drug candidates, we may need to acquire additional drug candidates and our business will be adversely affected.

We have never commercialized any drug candidates and do not have any other compounds in pre-clinical testing, lead optimization or lead identification stages beyond our drug candidates. We cannot be certain that any of our drug candidates will prove to be sufficiently effective and safe to meet applicable regulatory standards for any indication. If we fail to successfully commercialize any of our drug candidates for their targeted indications, whether as stand-alone therapies or in combination with other therapeutic agents, our business would be adversely affected.

Even if we receive regulatory approval for any of our drug candidates, we may not be able to successfully commercialize the product and the revenue that we generate from its sales, if any, may be limited.

If approved for marketing, the commercial success of our drug candidates will depend upon each product's acceptance by the medical community, including physicians, patients and health care payors. The degree of market acceptance for any of our drug candidates will depend on a number of factors, including:

- demonstration of clinical safety and efficacy;
- relative convenience, dosing burden and ease of administration;
- the prevalence and severity of any adverse effects;
- the willingness of physicians to prescribe our drug candidates, and the target patient population to try new therapies;
- efficacy of our drug candidates compared to competing products;
- the introduction of any new products that may in the future become available targeting indications for which our drug candidates may be approved;
- new procedures or therapies that may reduce the incidences of any of the indications in which our drug candidates may show utility;
- pricing and cost-effectiveness;
- the inclusion or omission of our drug candidates in applicable therapeutic and vaccine guidelines;
- the effectiveness of our own or any future collaborators' sales and marketing strategies;
- limitations or warnings contained in approved labeling from regulatory authorities;
- our ability to obtain and maintain sufficient third-party coverage or reimbursement from government health care programs, including Medicare and Medicaid, private health insurers and other third-party payors or to receive the necessary pricing approvals from government bodies regulating the pricing and usage of therapeutics; and
- the willingness of patients to pay out-of-pocket in the absence of third-party coverage or reimbursement or government pricing approvals.

If any of our drug candidates are approved, but do not achieve an adequate level of acceptance by physicians, health care payors, and patients, we may not generate sufficient revenue and we may not be able to achieve or sustain profitability. Our efforts to educate the medical community and third-party payors on the benefits of our drug candidates may require significant resources and may never be successful.

In addition, even if we obtain regulatory approvals, the timing or scope of any approvals may prohibit or reduce our ability to commercialize our drug candidates successfully. For example, if the approval process takes too long, we may miss market opportunities and give other companies the ability to develop competing products or establish market dominance. Any regulatory approval we ultimately obtain may be limited or subject to restrictions or post-approval commitments that render our drug candidates not commercially viable. For example, regulatory authorities may approve any of our drug candidates for fewer or more limited indications than we request, may not approve the price we intend to charge for any of our drug candidates, may grant approval contingent on the performance of costly post-marketing clinical trials, or may approve any of our drug candidates with a label that does not include the labeling claims necessary or desirable for the successful commercialization of that indication. Further, the FDA or comparable foreign regulatory authorities may place conditions on approvals or require risk management plans or a Risk Evaluation and Mitigation Strategy ("REMS") to assure the safe use of the drug. If the FDA concludes a REMS is needed, the sponsor of the NDA must submit a proposed REMS; the FDA will not approve the NDA without an approved REMS, if required. A REMS could include medication guides, physician communication plans, or elements to assure safe use, such as restricted distribution methods, patient registries and other risk minimization tools. The FDA may also require a REMS for an approved product when new safety information emerges. Any of these limitations on approval or marketing could restrict the commercial promotion, distribution, prescription or dispensing of our drug candidates. Moreover, product approvals may be withdrawn for non-compliance with regulatory standards or if problems occur following the initial marketing of the product. Any of the foregoing scenarios could materially harm the commercial success of our drug candidates.

Even if we obtain marketing approval for any of our drug candidates, we will be subject to ongoing obligations and continued regulatory review, which may result in significant additional expense. Additionally, our drug candidates could be subject to labeling and other restrictions and withdrawal from the market and we may be subject to penalties if we fail to comply with regulatory requirements or if we experience unanticipated problems with our drug candidates.

Even if we obtain regulatory approval for any of our drug candidates for an indication, the FDA or foreign equivalent may still impose significant restrictions on their indicated uses or marketing or the conditions of approval, or impose ongoing requirements for potentially costly and time-consuming post-approval studies, including Phase 4 clinical trials, and post-market surveillance to monitor safety and efficacy. Our drug candidates will also be subject to ongoing regulatory requirements governing the manufacturing, labeling, packaging, storage, distribution, safety surveillance, advertising, promotion, recordkeeping and reporting of adverse events and other post-market information. These requirements include registration with the FDA, as well as continued compliance with current Good Clinical Practices regulations, or "cGCPs", for any clinical trials that we conduct post-approval. In addition, manufacturers of drug products and their facilities are subject to continual review and periodic inspections by the FDA and other regulatory authorities for compliance with current cGMP, requirements relating to quality control, quality assurance and corresponding maintenance of records and documents.

The FDA has the authority to require a REMS as part of an NDA or after approval, which may impose further requirements or restrictions on the distribution or use of an approved drug, such as limiting prescribing to certain physicians or medical centers that have undergone specialized training, limiting treatment to patients who meet certain safe-use criteria or requiring patient testing, monitoring and/or enrollment in a registry.

With respect to sales and marketing activities by us or any future partner, advertising and promotional materials must comply with FDA rules in addition to other applicable federal, state and local laws in the United States and similar legal requirements in other countries. In the United States, the distribution of product samples to physicians must comply with the requirements of the U.S. Prescription Drug Marketing Act. Application holders must obtain FDA approval for product and manufacturing changes, depending on the nature of the change. We may also be subject, directly or indirectly through our customers and partners, to various fraud and abuse laws, including, without limitation, the U.S. Anti-Kickback Statute, U.S. False Claims Act, and similar state laws, which impact, among other things, our proposed sales, marketing, and scientific/educational grant programs. If we participate in the U.S. Medicaid Drug Rebate Program, the Federal Supply Schedule of the U.S. Department of Veterans Affairs, or other government drug programs, we will be subject to complex laws and regulations regarding reporting and payment obligations. All of these activities are also potentially subject to U.S. federal and state consumer protection and unfair competition laws. Similar requirements exist in many of these areas in other countries.

In addition, if any of our drug candidates are approved for a particular indication, our product labeling, advertising and promotion would be subject to regulatory requirements and continuing regulatory review. The FDA strictly regulates the promotional claims that may be made about prescription products. In particular, a product may not be promoted for uses that are not approved by the FDA as reflected in the product's approved labeling. If we receive marketing approval for our drug candidates, physicians may nevertheless legally prescribe our products to their patients in a manner that is inconsistent with the approved label. If we are found to have promoted such off-label uses, we may become subject to significant liability and government fines. The FDA and other agencies actively enforce the laws and regulations prohibiting the promotion of off-label uses, and a company that is found to have improperly promoted off-label uses may be subject to significant sanctions. The federal government has levied large civil and criminal fines against companies for alleged improper promotion and has enjoined several companies from engaging in off-label promotion. The FDA has also requested that companies enter into consent decrees of permanent injunctions under which specified promotional conduct is changed or curtailed.

If we or a regulatory agency discovers previously unknown problems with a product, such as adverse events of unanticipated severity or frequency, problems with the facility where the product is manufactured, or we or our manufacturers fail to comply with applicable regulatory requirements, we may be subject to the following administrative or judicial sanctions:

- restrictions on the marketing or manufacturing of the product, withdrawal of the product from the market, or voluntary or mandatory product recalls;
- issuance of warning letters or untitled letters;
- clinical holds;
- injunctions or the imposition of civil or criminal penalties or monetary fines;
- suspension or withdrawal of regulatory approval;
- suspension of any ongoing clinical trials;
- refusal to approve pending applications or supplements to approved applications filed by us, or suspension or revocation of product license approvals;
- suspension or imposition of restrictions on operations, including costly new manufacturing requirements; or
- product seizure or detention or refusal to permit the import or export of product.

The occurrence of any event or penalty described above may inhibit our ability to commercialize our drug candidates and generate revenue. Adverse regulatory action, whether pre- or post-approval, can also potentially lead to product liability claims and increase our product liability exposure.

Obtaining and maintaining regulatory approval of our drug candidates in one jurisdiction does not mean that we will be successful in obtaining regulatory approval of our drug candidates in other jurisdictions.

Obtaining and maintaining regulatory approval of our drug candidates in one jurisdiction does not guarantee that we will be able to obtain or maintain regulatory approval in any other jurisdiction, but a failure or delay in obtaining regulatory approval in one jurisdiction may have a negative effect on the regulatory approval process in others. For example, even if the FDA grants marketing approval of a drug candidate, comparable regulatory authorities in foreign jurisdictions must also approve the manufacturing, marketing and promotion of the drug candidate in those countries. Approval procedures vary among jurisdictions and can involve requirements and administrative review periods different from those in the United States, including additional preclinical studies or clinical trials, as clinical studies conducted in one jurisdiction may not be accepted by regulatory authorities in other jurisdictions. In many jurisdictions outside the United States, a drug candidate must be approved for reimbursement before it can be approved for sale in that jurisdiction. In some cases, the price that we intend to charge for our products is also subject to approval.

Obtaining foreign regulatory approvals and compliance with foreign regulatory requirements could result in significant delays, difficulties and costs for us and could delay or prevent the introduction of our products in certain countries. If we fail to comply with the regulatory requirements in international markets and/or to receive applicable marketing approvals, our target market will be reduced and our ability to realize the full market potential of our drug candidates will be harmed.

Current and future legislation may increase the difficulty and cost for us to obtain marketing approval of and commercialize our drug candidates and affect the prices we may obtain.

In the United States and some foreign jurisdictions, there have been a number of legislative and regulatory changes and proposed changes regarding the healthcare system that could prevent or delay marketing approval for our drug candidates, restrict or regulate post-approval activities and affect our ability to profitably sell our drug candidates. Legislative and regulatory proposals have been made to expand post-approval requirements and restrict sales and promotional activities for pharmaceutical products. We do not know whether additional legislative changes will be enacted, or whether the FDA regulations, guidance or interpretations will be changed, or what the impact of such changes on the marketing approvals of our drug candidates, if any, may be. In addition, increased scrutiny by the U.S. Congress of the FDA's approval process may significantly delay or prevent marketing approval, as well as subject us to more stringent product labeling and post-marketing testing and other requirements.

In the United States, the Medicare Modernization Act ("MMA") changed the way Medicare covers and pays for pharmaceutical products. The legislation expanded Medicare coverage for drug purchases by the elderly and introduced a new reimbursement methodology based on average sales prices for drugs. In addition, this legislation authorized Medicare Part D prescription drug plans to use formularies where they can limit the number of drugs that will be covered in any therapeutic class. As a result of this legislation and the expansion of federal coverage of drug products, we expect that there will be additional pressure to contain and reduce costs. These cost reduction initiatives and other provisions of this legislation could decrease the coverage and price that we receive for our drug candidates and could seriously harm our business. While the MMA applies only to drug benefits for Medicare beneficiaries, private payors often follow Medicare coverage policy and payment limitations in setting their own reimbursement rates, and any reduction in reimbursement that results from the MMA may result in a similar reduction in payments from private payors.

The Health Care Reform Law is a sweeping law intended to broaden access to health insurance, reduce or constrain the growth of healthcare spending, enhance remedies against fraud and abuse, add new transparency requirements for healthcare and health insurance industries, impose new taxes and fees on the health industry and impose additional health policy reforms. The Health Care Reform Law revised the definition of "average manufacturer price" for reporting purposes, which could increase the amount of Medicaid drug rebates to states. Further, the law imposed a significant annual fee on companies that manufacture or import branded prescription drug products.

The Health Care Reform Law remains subject to legislative efforts to repeal, modify or delay the implementation of the law. Efforts to date have generally been unsuccessful. If the Health Care Reform Law is repealed or modified, or if implementation of certain aspects of the Health Care Reform Law are delayed, such repeal, modification or delay may materially adversely impact our business, strategies, prospects, operating results or financial condition. We are unable to predict the full impact of any repeal or modification in the implementation of the Health Care Reform Law on us at this time.

In addition, other legislative changes have been proposed and adopted in the United States since the Health Care Reform Law was enacted. We expect that additional federal healthcare reform measures will be adopted in the future, any of which could limit the amounts that federal and state governments will pay for healthcare products and services, and in turn could significantly reduce the projected value of certain development projects and reduce or eliminate our profitability.

Our drug candidates may face competition sooner than expected.

Our success will depend in part on our ability to obtain and maintain patent protection for our certain of our drug candidates and technologies and to prevent third parties from infringing upon our proprietary rights. We must also operate without infringing upon patents and proprietary rights of others, including by obtaining appropriate licenses to patents or other proprietary rights held by third parties, if necessary. However, the applications we have filed or may file in the future may never yield patents that protect our inventions and intellectual property assets. Failure to obtain patents that sufficiently cover our formulations and technologies would limit our protection against compounding pharmacies, outsourcing facilities, generic drug manufacturers, pharmaceutical companies and other parties who may seek to copy our products, produce products substantially similar to ours or use technologies substantially similar to those we own.

We also intend to seek data exclusivity or market exclusivity for our drug candidates provided under the FDCA, and similar laws in other countries. The FDCA provides three years of marketing exclusivity for an NDA, 505(b)(2) NDA or supplement to an existing NDA if new clinical investigations, other than bioavailability studies, that were conducted or sponsored by the applicant are deemed by the FDA to be essential to the approval of the application, for example, for new indications, dosages, or strengths of an existing drug. This three-year exclusivity covers only the conditions associated with the new clinical investigations and does not prohibit the FDA from approving NDAs for drugs containing the original active agent. Even if our drug candidates are considered to be reference products eligible for three years of exclusivity under the FDCA, another company could market competing products if the FDA approves a full NDA for such product containing the sponsor's own preclinical data and data from adequate and well-controlled clinical trials to demonstrate the safety, purity and potency of the products. Moreover, an amendment or repeal of the FDCA could result in a shorter exclusivity period for our drug candidates, which would have a material adverse effect on our business.

If we market any of our drug candidates in a manner that violates healthcare fraud and abuse laws, or if we violate government price reporting laws, we may be subject to civil or criminal penalties.

The FDA enforces laws and regulations which require that the promotion of pharmaceutical products be consistent with the approved prescribing information. While physicians may prescribe an approved product for a so-called "off label" use, it is unlawful for a pharmaceutical company to promote its products in a manner that is inconsistent with its approved label and any company which engages in such conduct can subject that company to significant liability. Similarly, industry codes in the EU and other foreign jurisdictions prohibit companies from engaging in off-label promotion and regulatory agencies in various countries enforce violations of the code with civil penalties. While we intend to ensure that our promotional materials are consistent with our label, regulatory agencies may disagree with our assessment and may issue untitled letters, warning letters or may institute other civil or criminal enforcement proceedings. In addition to FDA restrictions on marketing of pharmaceutical products, several other types of state and federal healthcare fraud and abuse laws have been applied in recent years to restrict certain marketing practices in the pharmaceutical industry. These laws include the U.S. Anti-Kickback Statute, U.S. False Claims Act and similar state laws. Because of the breadth of these laws and the narrowness of the safe harbors, it is possible that some of our business activities could be subject to challenge under one or more of these laws.

The U.S. Anti-Kickback Statute prohibits, among other things, knowingly and willfully offering, paying, soliciting or receiving remuneration to induce, or in return for, purchasing, leasing, ordering or arranging for the purchase, lease or order of any healthcare item or service reimbursable under Medicare, Medicaid or other federally financed healthcare programs. This statute has been interpreted broadly to apply to arrangements between pharmaceutical manufacturers on the one hand and prescribers, purchasers and formulary managers on the other. Although there are several statutory exemptions and regulatory safe harbors protecting certain common activities from prosecution, the exemptions and safe harbors are drawn narrowly, and practices that involve remuneration intended to induce prescribing, purchasing or recommending may be subject to scrutiny if they do not qualify for an exemption or safe harbor. Our practices may not, in all cases, meet all of the criteria for safe harbor protection from anti-kickback liability. Moreover, recent health care reform legislation has strengthened these laws. For example, the Health Care Reform Law, among other things, amends the intent requirement of the U.S. Anti-Kickback Statute and criminal health care fraud statutes; a person or entity no longer needs to have actual knowledge of this statute or specific intent to violate it. In addition, the Health Care Reform Law provides that the government may assert that a claim including items or services resulting from a violation of the U.S. Anti-Kickback Statute constitutes a false or fraudulent claim for purposes of the U.S. False Claims Act. Federal false claims laws prohibit any person from knowingly presenting, or causing to be presented, a false claim for payment to the federal government or knowingly making, or causing to be made, a false statement to get a false claim paid.

Over the past few years, several pharmaceutical and other healthcare companies have been prosecuted under these laws for a variety of alleged promotional and marketing activities, such as: allegedly providing free trips, free goods, sham consulting fees and grants and other monetary benefits to prescribers; reporting to pricing services inflated average wholesale prices that were then used by federal programs to set reimbursement rates; engaging in off-label promotion that caused claims to be submitted to Medicare or Medicaid for non-covered, off-label uses; and submitting inflated best price information to the Medicaid Rebate Program to reduce liability for Medicaid rebates. Most states also have statutes or regulations similar to the U.S. Anti-Kickback Statute and the U.S. False Claims Act, which apply to items and services reimbursed under Medicaid and other state programs, or, in several states, apply regardless of the payor. Sanctions under these federal and state laws may include substantial civil monetary penalties, exclusion of a manufacturer's products from reimbursement under government programs, substantial criminal fines and imprisonment.

We will be completely dependent on third parties to manufacture our drug candidates, and our commercialization of our drug candidates could be halted, delayed or made less profitable if those third parties fail to obtain manufacturing approval from the FDA or comparable foreign regulatory authorities, fail to provide us with sufficient quantities of our drug candidates or fail to do so at acceptable quality levels or prices.

We do not currently have, nor do we plan to acquire, the capability or infrastructure to manufacture the active pharmaceutical ingredient, ("API"), in our drug candidates for use in our clinical trials or for commercial product, if any. In addition, we do not have the capability to encapsulate any of our drug candidates as a finished drug product for commercial distribution. As a result, we will be obligated to rely on contract manufacturers, if and when any of our drug candidates are approved for commercialization. We have not entered into an agreement with any contract manufacturers for commercial supply and may not be able to engage a contract manufacturer for commercial supply of any of our drug candidates on favorable terms to us, or at all.

The facilities used by our contract manufacturers to manufacture our drug candidates must be approved by the FDA or comparable foreign regulatory authorities pursuant to inspections that will be conducted after we submit an NDA or BLA to the FDA or their equivalents to other relevant regulatory authorities. We will not control the manufacturing process of, and will be completely dependent on, our contract manufacturing partners for compliance with cGMPs for manufacture of both active drug substances and finished drug products. These cGMP regulations cover all aspects of the manufacturing, testing, quality control and record keeping relating to our drug candidates. If our contract manufacturers do not successfully manufacture material that conforms to our specifications and the strict regulatory requirements of the FDA or others, they will not be able to secure and/or maintain regulatory approval for their manufacturing facilities. If the FDA or a comparable foreign regulatory authority does not approve these facilities for the manufacture of our drug candidates or if it withdraws any such approval in the future, we may need to find alternative manufacturing facilities, which would significantly impact our ability to develop, obtain regulatory approval for or market our drug candidates, if approved.

Our contract manufacturers will be subject to ongoing periodic unannounced inspections by the FDA and corresponding state and foreign agencies for compliance with cGMPs and similar regulatory requirements. We will not have control over our contract manufacturers' compliance with these regulations and standards. Failure by any of our contract manufacturers to comply with applicable regulations could result in sanctions being imposed on us, including fines, injunctions, civil penalties, failure to grant approval to market any of our drug candidates, delays, suspensions or withdrawals of approvals, operating restrictions and criminal prosecutions, any of which could significantly and adversely affect our business. In addition, we will not have control over the ability of our contract manufacturers to maintain adequate quality control, quality assurance and qualified personnel. Failure by our contract manufacturers to comply with or maintain any of these standards could adversely affect our ability to develop, obtain regulatory approval for or market any of our drug candidates.

If, for any reason, these third parties are unable or unwilling to perform, we may not be able to terminate our agreements with them, and we may not be able to locate alternative manufacturers or formulators or enter into favorable agreements with them and we cannot be certain that any such third parties will have the manufacturing capacity to meet future requirements. If these manufacturers or any alternate manufacturer of finished drug product experiences any significant difficulties in its respective manufacturing processes for our API or finished products or should cease doing business with us, we could experience significant interruptions in the supply of any of our drug candidates or may not be able to create a supply of our drug candidates at all. Were we to encounter manufacturing issues, our ability to produce a sufficient supply of any of our drug candidates might be negatively affected. Our inability to coordinate the efforts of our third party manufacturing partners, or the lack of capacity available at our third party manufacturing partners, could impair our ability to supply any of our drug candidates at required levels. Because of the significant regulatory requirements that we would need to satisfy in order to qualify a new bulk or finished product manufacturer, if we face these or other difficulties with our current manufacturing partners, we could experience significant interruptions in the supply of any of our drug candidates if we decided to transfer the manufacture of any of our drug candidates to one or more alternative manufacturers in an effort to deal with the difficulties.

Any manufacturing problem or the loss of a contract manufacturer could be disruptive to our operations and result in lost sales. Additionally, we rely on third parties to supply the raw materials needed to manufacture our existing and potential products. Any business interruptions resulting from geopolitical actions, including war and terrorism, adverse public health developments such as the outbreak of the COVID-19 coronavirus, or natural disasters including earthquakes, typhoons, floods and fires, could effect our supply chain. Any reliance on suppliers may involve several risks, including a potential inability to obtain critical materials and reduced control over production costs, delivery schedules, reliability and quality. Any unanticipated disruption to a future contract manufacturer caused by problems at suppliers could delay shipment of any of our drug candidates, increase our cost of goods sold and result in lost sales.

We cannot guarantee that our future manufacturing and supply partners will be able to reduce the costs of commercial scale manufacturing of any of our drug candidates over time. If the commercial-scale manufacturing costs of any of our drug candidates are higher than expected, these costs may significantly impact our operating results. In order to reduce costs, we may need to develop and implement process improvements. However, in order to do so, we will need, from time to time, to notify or make submissions with regulatory authorities, and the improvements may be subject to approval by such regulatory authorities. We cannot be sure that we will receive these necessary approvals or that these approvals will be granted in a timely fashion. We also cannot guarantee that we will be able to enhance and optimize output in our commercial manufacturing process. If we cannot enhance and optimize output, we may not be able to reduce our costs over time.

We expect to rely on third parties to conduct clinical trials for our drug candidates. If these third parties do not successfully carry out their contractual duties or meet expected deadlines, we may not be able to obtain regulatory approval for or commercialize any of our drug candidates and our business would be substantially harmed.

We expect to enter into agreements with third-party CROs to conduct and manage our clinical programs including contracting with clinical sites to perform our clinical studies. We plan to rely heavily on these parties for execution of clinical studies for our drug candidates and will control only certain aspects of their activities. Nevertheless, we will be responsible for ensuring that each of our studies is conducted in accordance with the applicable protocol, legal, regulatory and scientific standards, and our reliance on CROs and clinical sites will not relieve us of our regulatory responsibilities. We and our CROs will be required to comply with cGCPs, which are regulations and guidelines enforced by the FDA, the Competent Authorities of the Member States of the European Economic Area and comparable foreign regulatory authorities for any products in clinical development. The FDA and its foreign equivalents enforce these cGCP regulations through periodic inspections of trial sponsors, principal investigators and trial sites. If we or our CROs fail to comply with applicable cGCPs, the clinical data generated in our clinical trials may be deemed unreliable and the FDA or comparable foreign regulatory authorities may require us to perform additional clinical trials before approving our marketing applications. We cannot assure you that, upon inspection, the FDA or other regulatory authorities will determine that any of our clinical trials comply with cGCPs. In addition, our clinical trials must be conducted with products produced under cGMP regulations and will require a large number of test subjects. Our failure or the failure of our CROs or clinical sites to comply with these regulations may require us to repeat clinical trials, which would delay the regulatory approval process and could also subject us to enforcement action up to and including civil and criminal penalties.

Although we intend to design the clinical trials for our drug candidates in consultation with CROs, we expect that the CROs will manage all of the clinical trials conducted at contracted clinical sites. As a result, many important aspects of our drug development programs would be outside of our direct control. In addition, the CROs and clinical sites may not perform all of their obligations under arrangements with us or in compliance with regulatory requirements. If the CROs or clinical sites do not perform clinical trials in a satisfactory manner, breach their obligations to us or fail to comply with regulatory requirements, the development and commercialization of any of our drug candidates for the subject indication may be delayed or our development program materially and irreversibly harmed. We cannot control the amount and timing of resources these CROs and clinical sites will devote to our program or any of our drug candidates. If we are unable to rely on clinical data collected by our CROs, we could be required to repeat, extend the duration of, or increase the size of our clinical trials, which could significantly delay commercialization and require significantly greater expenditures.

If any of our relationships with these third-party CROs or clinical sites terminate, we may not be able to enter into arrangements with alternative CROs or clinical sites. If CROs do not successfully carry out their contractual duties or obligations or meet expected deadlines, if they need to be replaced or if the quality or accuracy of the clinical data they obtain is compromised due to the failure to adhere to our clinical protocols, regulatory requirements or for other reasons, any such clinical trials may be extended, delayed or terminated, and we may not be able to obtain regulatory approval for or successfully commercialize our drug candidates. As a result, our financial results and the commercial prospects for any of our drug candidates would be harmed, our costs could increase and our ability to generate revenue could be delayed.

Any termination or suspension of, or delays in the commencement or completion of, any necessary studies of any of our drug candidates for any indications could result in increased costs to us, delay or limit our ability to generate revenue and adversely affect our commercial prospects.

The commencement and completion of clinical studies can be delayed for a number of reasons, including delays related to:

- the FDA or a comparable foreign regulatory authority failing to grant permission to proceed and placing the clinical study on hold;
- subjects for clinical testing failing to enroll or remain in our trials at the rate we expect;

- a facility manufacturing any of our drug candidates being ordered by the FDA or other government or regulatory authorities to temporarily or permanently shut down due to violations of cGMP requirements or other applicable requirements, or cross-contaminations of drug candidates in the manufacturing process;
- any changes to our manufacturing process that may be necessary or desired;
- subjects choosing an alternative treatment for the indications for which we are developing our drug candidates, or participating in competing clinical studies;
- subjects experiencing severe or unexpected drug-related adverse effects;
- reports from clinical testing on similar technologies and products raising safety and/or efficacy concerns;
- third-party clinical investigators losing their license or permits necessary to perform our clinical trials, not performing our clinical trials on our anticipated schedule or employing methods consistent with the clinical trial protocol, cGMP requirements, or other third parties not performing data collection and analysis in a timely or accurate manner;
- inspections of clinical study sites by the FDA, comparable foreign regulatory authorities, or IRBs finding regulatory violations that require us to undertake corrective action, result in suspension or termination of one or more sites or the imposition of a clinical hold on the entire study, or that prohibit us from using some or all of the data in support of our marketing applications;
- third-party contractors becoming debarred or suspended or otherwise penalized by the FDA or other government or regulatory authorities for violations of regulatory requirements, in which case we may need to find a substitute contractor, and we may not be able to use some or any of the data produced by such contractors in support of our marketing applications;
- one or more IRBs refusing to approve, suspending or terminating the study at an investigational site, precluding enrollment of additional subjects, or withdrawing its approval of the trial; reaching agreement on acceptable terms with prospective CROs and clinical trial sites, the terms of which can be subject to extensive negotiation and may vary significantly among different CROs and trial sites;
- deviations of the clinical sites from trial protocols or dropping out of a trial;
- adding new clinical trial sites;
- the inability of the CRO to execute any clinical trials for any reason; and
- government or regulatory delays or “clinical holds” requiring suspension or termination of a trial.

Product development costs for any of our drug candidates will increase if we have delays in testing or approval or if we need to perform more or larger clinical studies than planned. Additionally, changes in regulatory requirements and policies may occur and we may need to amend study protocols to reflect these changes. Amendments may require us to resubmit our study protocols to the FDA, comparable foreign regulatory authorities, and IRBs for reexamination, which may impact the costs, timing or successful completion of that study. If we experience delays in completion of, or if we, the FDA or other regulatory authorities, the IRB, or other reviewing entities, or any of our clinical study sites suspend or terminate any of our clinical studies of any of our drug candidates, its commercial prospects may be materially harmed and our ability to generate product revenues will be delayed. Any delays in completing our clinical trials will increase our costs, slow down our development and approval process and jeopardize our ability to commence product sales and generate revenues. Any of these occurrences may harm our business, financial condition and prospects significantly. In addition, many of the factors that cause, or lead to, termination or suspension of, or a delay in the commencement or completion of, clinical studies may also ultimately lead to the denial of regulatory approval of our drug candidates. In addition, if one or more clinical studies are delayed, our competitors may be able to bring products to market before we do, and the commercial viability of any of our drug candidates could be significantly reduced.

Clinical drug development involves a lengthy and expensive process with an uncertain outcome, and results of earlier studies and trials may not be predictive of future trial results.

Clinical testing of drug candidates is expensive and can take many years to complete, and its outcome is inherently uncertain. Failure can occur at any time during the clinical trial process. The results of pre-clinical studies and early clinical trials may not be predictive of the results of later-stage clinical trials. We cannot assure you that the FDA or comparable foreign regulatory authorities will view the results as we do or that any future trials of any of our drug candidates will achieve positive results. Drug candidates in later stages of clinical trials may fail to show the desired safety and efficacy traits despite having progressed through pre-clinical studies and initial clinical trials. A number of companies in the biopharmaceutical industry have suffered significant setbacks in advanced clinical trials due to lack of efficacy or adverse safety profiles, notwithstanding promising results in earlier trials. Any future clinical trial results for our drug candidates may not be successful.

In addition, a number of factors could contribute to a lack of favorable safety and efficacy results for any of our drug candidates. For example, such trials could result in increased variability due to varying site characteristics, such as local standards of care, differences in evaluation period and surgical technique, and due to varying patient characteristics including demographic factors and health status.

Even though we may apply for orphan drug designation for a drug candidate, we may not be able to obtain orphan drug marketing exclusivity.

There is no guarantee that the FDA, EMA or their foreign equivalents will grant any future application for orphan drug designation for any of our drug candidates, which would make us ineligible for the additional exclusivity and other benefits of orphan drug designation.

Under the Orphan Drug Act, the FDA may grant orphan drug designation to a drug intended to treat a rare disease or condition, which is generally a disease or condition that affects fewer than 200,000 individuals in the United States and for which there is no reasonable expectation that the cost of developing and making a drug available in the United States for this type of disease or condition will be recovered from sales of the product. Orphan drug designation must be requested before submitting an NDA. After the FDA grants orphan drug designation, the identity of the therapeutic agent and its potential orphan use are disclosed publicly by the FDA. Orphan product designation does not convey any advantage in or shorten the duration of regulatory review and approval process. In addition to the potential period of exclusivity, orphan designation makes a company eligible for grant funding of up to \$400,000 per year for four years to defray costs of clinical trial expenses, tax credits for clinical research expenses and potential exemption from the FDA application user fee.

If a product that has orphan designation subsequently receives the first FDA approval for the disease or condition for which it has such designation, the product is entitled to orphan drug exclusivity, which means the FDA may not approve any other applications to market the same drug for the same indication for seven years, except in limited circumstances, such as (i) the drug's orphan designation is revoked; (ii) its marketing approval is withdrawn; (iii) the orphan exclusivity holder consents to the approval of another applicant's product; (iv) the orphan exclusivity holder is unable to assure the availability of a sufficient quantity of drug; or (v) a showing of clinical superiority to the product with orphan exclusivity by a competitor product. If a drug designated as an orphan product receives marketing approval for an indication broader than what is designated, it may not be entitled to orphan drug exclusivity. There can be no assurance that we will receive orphan drug designation for any of our drug candidates in the indications for which we think they might qualify, if we elect to seek such applications.

Although we may pursue expedited regulatory approval pathways for a drug candidate, it may not qualify for expedited development or, if it does qualify for expedited development, it may not actually lead to a faster development or regulatory review or approval process.

Although we believe there may be an opportunity to accelerate the development of certain of our drug candidates through one or more of the FDA's expedited programs, such as fast track, breakthrough therapy, accelerated approval or priority review, we cannot be assured that any of our drug candidates will qualify for such programs.

For example, a drug may be eligible for designation as a breakthrough therapy if the drug is intended, alone or in combination with one or more other drugs, to treat a serious or life-threatening condition and preliminary clinical evidence indicates that the drug may demonstrate substantial improvement over existing therapies on one or more clinically significant endpoints. Although breakthrough designation or access to any other expedited program may expedite the development or approval process, it does not change the standards for approval. If we apply for breakthrough therapy designation or any other expedited program for our drug candidates, the FDA may determine that our proposed target indication or other aspects of our clinical development plans do not qualify for such expedited program. Even if we are successful in obtaining a breakthrough therapy designation or access to any other expedited program, we may not experience faster development timelines or achieve faster review or approval compared to conventional FDA procedures. Access to an expedited program may also be withdrawn by the FDA if it believes that the designation is no longer supported by data from our clinical development program. Additionally, qualification for any expedited review procedure does not ensure that we will ultimately obtain regulatory approval for such drug candidate.

If we are unable to protect our proprietary rights, we may not be able to prevent others from using our intellectual property, which may reduce the competitiveness and value of the related assets.

Our success will depend in part on our ability to obtain and maintain patent protection for our formulations and technologies and to prevent third parties from infringing upon our proprietary rights. We must also operate without infringing upon patents and proprietary rights of others, including by obtaining appropriate licenses to patents or other proprietary rights held by third parties, if necessary. The primary means by which we will be able to protect our formulations and technologies from unauthorized use by third parties is to obtain valid and enforceable patents that cover them. However, the applications we have filed or may file in the future may never yield patents that protect our inventions and intellectual property assets. Failure to obtain patents that sufficiently cover our formulations and technologies would limit our protection against other compounding pharmacies and outsourcing facilities, generic drug manufacturers, pharmaceutical companies and other parties who may seek to copy our products, produce products substantially similar to ours or use technologies substantially similar to those we own. We have made, and expect to continue to make, significant investments in certain of our proprietary formulations prior to the grant of any patents covering these formulations, and we may not receive a sufficient return on these investments if patent coverage or other appropriate intellectual property protection is not obtained and their competitiveness and value decreases.

The patent and intellectual property positions of pharmacies and pharmaceutical companies, including ours, are uncertain and involve complex legal and factual questions. There is no guarantee that we have developed or obtained or will in the future develop or obtain the rights to products or processes that are patentable, that patents will issue from any pending applications or that claims allowed will be sufficient to protect the technology we have developed or may in the future develop or to which we have acquired or may in the future acquire development rights. In addition, we cannot be certain that patents issued to us will not be challenged, invalidated, infringed or circumvented, including by our competitors, or that the rights granted thereunder will provide competitive advantages to us.

We also rely on unpatented trade secrets and know-how and continuing technological innovation in order to develop our formulations, which we seek to protect, in part, by confidentiality agreements with our employees, consultants, collaborators and others, including certain service providers. We also have invention or patent assignment agreements with our current employees and certain consultants. Nonetheless, our employees and consultants may breach these agreements, and we may not have adequate remedies for the breach. Our trade secrets may otherwise become known or be independently discovered by competitors or could be developed by a person not bound by an invention assignment agreement with us, in which case we may have no rights to use the applicable invention.

We may face additional competition outside of the U.S. as a result of a lack of patent coverage in some territories and differences in patent prosecution and enforcement laws in foreign countries.

Filing, prosecuting, defending and enforcing patents on our proprietary formulations throughout the world is extremely expensive. We do not currently have patent protection outside of the U.S. that covers any of our proprietary formulations or other assets that we are currently pursuing. Competitors may use our technologies to develop their own products in jurisdictions where we have not obtained patent protection.

Even if the international patent applications we have filed or may in the future file are issued or approved, it is likely that the scope of protection provided by such patents would be different from, and possibly less than, the scope provided by corresponding U.S. patents. As a result, patent rights we are able to obtain may not be sufficient to prevent generic competition. Further, the extent of our international market opportunity may be dependent upon the enforcement of patent rights in various other countries. A number of countries in which we could file patent applications have a history of weak enforcement and/or compulsory licensing of intellectual property rights. Moreover, the legal systems of certain countries, particularly certain developing countries, do not favor the aggressive enforcement of patents and other intellectual property protection, particularly those relating to biotechnology and/or pharmaceuticals, which would make it difficult for us to stop a third party from infringing any of our intellectual property rights. Moreover, attempting to enforce our patent rights in foreign jurisdictions could result in substantial costs and divert our efforts and attention from other aspects of our business.

Our proprietary formulations and technologies could potentially conflict with the rights of others.

The preparation or sale of our proprietary formulations and use of our technologies may infringe on the patent or other intellectual property rights of others. If our products infringe or conflict with the patent or other intellectual property rights of others, third parties could bring legal actions against us claiming damages and seeking to enjoin our manufacturing and marketing of our affected products. Patent litigation is costly and time consuming and may divert management's attention and our resources. We may not have sufficient resources to bring any actions to a successful conclusion. If we are not successful in defending against these legal actions should they arise, we may be subject to monetary liability or be forced to alter our products, cease some or all of our operations relating to the affected products, or seek to obtain a license in order to continue manufacturing and marketing the affected products, which may not be available on acceptable terms or at all.

We are dependent on our Chief Executive Officer, Mark L. Baum, and other key persons for the continued growth and development of our Company.

Our Chief Executive Officer, Mark L. Baum, has played a primary role in creating and developing our current business model. Further, Mr. Baum has played a primary role in securing much of our material intellectual property rights and related assets, as well as the means to make and distribute our current products. We are highly dependent on Mr. Baum for the implementation of our business plan and the future development of our assets and our business, and the loss of Mr. Baum's services and leadership would likely materially adversely impact our Company. We presently maintain key man insurance for Mr. Baum. In addition, our loan agreement identifies other key persons including, but not limited to, our Chief Financial Officer, Andrew R. Boll, and the President of ImprimisRx, John P. Saharek.

If we are unable to attract and retain key personnel and consultants, we may be unable to maintain or expand our business.

We have been focusing on building our management, pharmacy, research and development, sales and marketing and other personnel to pursue our current business model. To achieve our planned growth, we may have significant difficulty attracting and retaining necessary employees. Because of the specialized nature of our business, the ability to develop products and to compete will remain highly dependent upon our ability to attract and retain qualified pharmacy, scientific, technical and commercial employees and consultants. There is intense competition to hire qualified personnel in our industry, and we may be unable to continue to attract and retain the qualified personnel necessary for the development of our business. The loss of key employees or consultants or the failure to recruit or engage new employees and consultants could have a material adverse effect on our business. In addition, any staffing interruptions resulting from geopolitical actions, including war and terrorism, adverse public health developments such as the outbreak of the COVID-19 novel coronavirus, or natural disasters including earthquakes, typhoons, floods and fires, could have a material adverse effect on our business.

Risks Related to Our Common Stock

If we fail to maintain an effective system of internal controls, we may not be able to accurately report our financial results, which could cause our stock price to fall.

Effective internal controls are necessary for us to provide reliable financial results. If we cannot provide reliable financial results, our consolidated financial statements could be misstated, our reputation may be harmed and the trading price of our common stock could decline. As we discussed in Item 9A of this Annual Report, our management concluded that our internal controls over financial reporting were effective as of December 31, 2019. However, our controls over financial processes and reporting may not continue to be effective or we may identify material weaknesses or significant deficiencies in our internal controls in the future. Any failure to remediate any future material weaknesses or successfully implement required new or improved controls, could harm our operating results, cause us to fail to meet our reporting obligations or result in material misstatements in our consolidated financial statements or other public disclosures. Inferior internal controls could also cause investors to lose confidence in our reported financial information, which could have a negative effect on the trading price of our common stock.

A consistently active trading market for shares of our common stock may not be sustained.

Historically, trading in our common stock has been sporadic and volatile and our common stock has been "thinly-traded." There have been, and may in the future be, extended periods when trading activity in our shares is minimal, compared to a seasoned issuer with a large and steady volume of trading activity. The market for our common stock is also characterized by significant price volatility compared to seasoned issuers, and we expect that such volatility may continue. As a result, the trading of relatively small quantities of shares may disproportionately influence the market price of our common stock. A consistently active and liquid trading market in our securities may never develop or be sustained.

Our stock price may be volatile.

The market price of our common stock is likely to be highly volatile and could fluctuate widely in response to various factors, many of which are beyond our control, including the following: our ability to execute our business plan; operating results that fall below expectations; industry or regulatory developments; investor perception of our industry or our prospects; economic and other external factors; and the other risk factors discussed in this "Risk Factors" section.

In addition, the securities markets have from time to time experienced significant price and volume fluctuations that are unrelated to the operating performance of particular companies. These market fluctuations may also materially and adversely affect the market price of our common stock.

We have the right to issue shares of preferred stock without obtaining stockholder approval. If we were to issue preferred stock, it may have rights, preferences and privileges superior to those of our common stock.

We are authorized to issue 5,000,000 shares of "blank check" preferred stock, with such rights, preferences and privileges as may be determined from time to time by our board of directors. Our board of directors is empowered, without stockholder approval, to issue preferred stock at any time in one or more series and to fix the dividend rights, dissolution or liquidation preferences, redemption prices, conversion rights, voting rights and other rights, preferences and privileges for any series of our preferred stock that may be issued. The issuance of shares of preferred stock, depending on the rights, preferences and privileges attributable to the preferred stock, could reduce the voting rights and powers of our common stockholders and the portion of our assets allocated for distribution to our common stockholders in a liquidation event, and could also result in dilution to the book value per share of our common stock. The preferred stock could also be utilized, under certain circumstances, as a method for raising additional capital or discouraging, delaying or preventing a change in control of our Company.

We have not paid dividends in the past and do not expect to pay dividends in the future. Any return on an investment will be limited to any appreciation in the value of our common stock.

We have never paid cash dividends on our common stock and do not anticipate doing so in the foreseeable future. Any payment of dividends on our common stock would depend on contractual restrictions, such as those contained in our SWK loan agreement, as well as our earnings, financial condition and other business and economic factors as our board of directors may consider relevant. If we do not pay dividends, our common stock may be less valuable because a return on your investment will only occur if our stock price appreciates.

Offers or availability for sale of a substantial number of shares of our common stock may cause the price of our common stock to decline.

The sale of substantial amounts of our common stock in the public market, or the perception that sales could occur, may cause the market price of our common stock to fall. Sales could occur upon the expiration of any statutory holding period, such as under Rule 144 under the Securities Act of 1933, as amended, applicable to outstanding shares, upon expiration of any lock-up periods applicable to outstanding shares, upon our issuance of shares upon the exercise of outstanding options or warrants, or upon our issuance of shares pursuant offerings of our equity securities. The availability for sale of a substantial number of shares of our common stock, whether or not sales have occurred or are occurring, also could make it more difficult for us to raise additional financing through the sale of equity or equity-related securities in the future when needed, on acceptable terms or at all.

ITEM 1B. UNRESOLVED STAFF COMMENTS

Not applicable.

ITEM 2. PROPERTIES

We lease approximately 10,200 square feet of office space in San Diego, California, the current lease term for which expires on December 31, 2021 and includes an option to extend the lease through December 31, 2026. This office generally supports the sales, general and administrative functions of ImprimisRx.

We lease approximately 25,000 square feet of lab, warehouse and office space in Ledgewood, New Jersey, in two separate suites. The current lease term expires on July 31, 2024 and includes options to extend the lease term through 2034. This space serves as an outsourcing facility and pharmacy for ImprimisRx.

We lease approximately 4,500 square feet of lab and office space in Irvine, California. The current lease term expires on December 31, 2020. This space is currently vacant and we expect to sublease it during 2020.

We lease approximately 5,500 square feet of office space in Nashville, Tennessee. The current lease term expires on December 31, 2024 and includes options to extend the lease term through 2034. This office serves as our corporate headquarters.

We do not believe additional space will be required in the near-term.

ITEM 3. LEGAL PROCEEDINGS

Dr. Sobol

In December 2016, Louis L. Sobol, M.D. ("Sobol") filed a lawsuit in the U.S. District Court for the Eastern District of Michigan, Southern Division against the Company, asserting claims on behalf of himself and an as-yet-uncertified class of consumers. The claims allege violations under the Telephone Consumer Protection Act, 47 U.S.C. § 227 via the Company's alleged transmittal of advertisements to its clients via facsimile. The Court approved the parties' proposed settlement agreement in the spring of 2019. During the year ended December 31, 2018, the Company accrued \$640,000 for expected damages related to this matter and the proposed settlement amount. As a result of the low claim rate of approximately 1.4%, the Company's total damages were \$571,000, which was paid in October 2019. This formally resolved all known disputes between the parties.

Allergan USA

In September 2017, Allergan USA, Inc. (“Allergan”) filed a lawsuit in the U.S. District Court for the Central District of California against the Company, primarily claiming violations under the federal Lanham Act and California’s Sherman Act. The Court granted in part and denied in part each parties’ motions for summary judgement, resolving all issues except for whether Allergan was entitled to damages related to the Company’s purported Lanham Act violations. The parties went to trial in May 2019 to litigate damages related to the Lanham Act, and a jury found the Company liable for only \$48,500 in lost profit damages, which was accrued as an expense during the period ended December 31, 2019. In July 2019, the Court entered a permanent injunction, the scope of which is limited to compounded drugs prepared in, dispensed from within, or shipped to the state of California. The injunction requires the Company to: (1) only dispense drugs from a 503(a) facility with a “Valid Prescription Order”; (2) abide by the FDA’s anticipatory compounding guidelines; and (3) only use bulk drug substances identified on a list established by the Secretary of Health and Human Services or FDA’s interim “Category 1” list. The Company believes it was already in compliance with the order, prior to the injunction being ordered. On October 2, 2019, Allergan and the Company filed a joint stipulation to voluntarily dismiss each parties’ respective pending appeals arising out of the lawsuit. No economic consideration was exchanged between the parties related to the filing of the joint stipulation. This formally resolved all known disputes between the parties.

California Board of Pharmacy

In March 2018, the California Board of Pharmacy filed an accusation against Park related to a compounded formulation the Company believes was legally dispensed and was, without its knowledge, inappropriately administered to a patient unknown to Park, by the prescribing healthcare professional. Park filed a response to the accusation and requested a formal hearing. In April 2019, Park agreed to, and the California State Board of Pharmacy approved terms of a settlement agreement (the “Settlement Agreement”) that became effective on May 29, 2019. Pursuant to the terms of the Settlement Agreement, Park was required to, and did, surrender its California pharmacy license by August 27, 2019. This formally resolved all known disputes between the parties.

Novel Drug Solutions et al.

In April 2018, Novel Drug Solutions, LLC and Eyecare Northwest, PA (collectively “NDS”) filed a lawsuit against the Company in the U.S. District Court of Delaware asserting claims for breach of contract. The claims stem from an asset purchase agreement between the Company and NDS entered into in 2013. In July 2019, NDS filed a second amended complaint which added a claim related to its purported termination of the APA. In October 2019, NDS voluntarily dismissed all claims related to breach of contract, leaving only claims related to the scope of the post-termination obligations to be litigated. NDS is seeking unspecified damages, interest, attorney’s fees and other costs. The Company believes the claims are meritless and has previously and will continue to dispute all claims asserted against it and intends to vigorously defend against these allegations. Nonetheless, the Company cannot predict the eventual outcome of this litigation and, it could result in substantial costs, losses and a diversion of management’s resources and attention, which could harm the Company’s business and the value of its common stock.

Product and Professional Liability

Product and professional liability litigation represents an inherent risk to all firms in the pharmaceutical and pharmacy industry. We utilize traditional third-party insurance policies with regard to our product and professional liability claims. Such insurance coverage at any given time reflects current market conditions, including cost and availability, when the policy is written.

John Erick et al.

In January 2018, John Erick and Deborah Ferrell, successors-in-interest and heirs of Jade Erick (collectively “Erick”), filed a lawsuit in the San Diego County Superior against Kim Kelly, ND, MPH asserting claims related to death of Jade Erick. In April 2018, Erick filed an amendment to the lawsuit, naming us as a co-defendant. In September 2018, co-defendant Dr. Kelly filed a cross-complaint against the Company and various entities affiliated with Spectrum Laboratory Products, Inc., Spectrum Chemical Manufacturing Corp. and Spectrum Pharmacy Products, Inc. (collectively “Spectrum”). The cross-complaint seeks indemnity and contribution from the Company and Spectrum. The Company answered the claims filed by Dr. Kelly in October 2018. The case is currently in the discovery phase. Erick is seeking unspecified damages, interest, attorney’s fees and other costs. The Company believes the claims are meritless and has previously and will continue to dispute all claims asserted against it and intends to vigorously defend against these allegations. Nonetheless, the Company cannot predict the eventual outcome of this litigation, it could result in substantial costs, losses and a diversion of management’s resources and attention, which could harm the Company’s business and the value of its common stock.

Anna Sue Gaukel et al.

In June 2019, Anna Sue Gaukel and Lawrence Gaukel served the Company with a lawsuit filed in state court in Idaho against Imprimis Pharmaceuticals, Inc. asserting class action allegations and product liability claims related to Mrs. Gaukel’s doctor’s use of a compounded drug injection in each of her eyes. In June 2019, the Company removed the case to Federal Court and subsequently answered the complaint. On January 24, 2020, the plaintiffs and the Company filed a joint stipulation, and the case was dismissed with prejudice. No economic consideration was exchanged between the parties related to the filing of the joint stipulation. This formally resolved all known disputes between the parties as connected to this matter.

General and Other

In the ordinary course of business, the Company may face various claims brought by third parties and it may, from time to time, make claims or take legal actions to assert its rights, including intellectual property disputes, contractual disputes and other commercial disputes. Any of these claims could subject the Company to litigation.

ITEM 4. MINE SAFETY DISCLOSURES

Not applicable.

PART II

ITEM 5. MARKET FOR REGISTRANT'S COMMON EQUITY, RELATED STOCKHOLDER MATTERS AND ISSUER PURCHASES OF EQUITY SECURITIES

Market Information

Our common stock is listed on The NASDAQ Capital Market under the symbol "HROW".

Holders

As of March 6, 2020, there were approximately 103 stockholders of record (excluding an indeterminable number of stockholders whose shares are held in street or "nominee" name) of our common stock.

Dividends

We have not paid any dividends on our common stock since our inception and do not expect to pay dividends on our common stock in the foreseeable future. Further, our SWK loan agreement, described in Note 12 to our consolidated financial statements included in this Annual Report, restricts our ability to pay cash dividends on our common stock.

Purchase of Equity Securities

We did not purchase any of our equity securities during the period covered by this Annual Report on Form 10-K.

Recent Sales of Unregistered Securities

None.

ITEM 6. SELECTED FINANCIAL DATA

Not applicable.

ITEM 7. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS

The following discussion and analysis of our financial condition and results of operations should be read in conjunction with the consolidated financial statements and the related notes contained in this annual report on Form 10-K (Annual Report). Our consolidated financial statements have been prepared and, unless otherwise stated, the information derived therefrom as presented in this discussion and analysis is presented, in accordance with accounting principles generally accepted in the United States (GAAP). In addition to historical information, the following discussion contains forward-looking statements based upon our current views, expectations and assumptions that are subject to risks and uncertainties. Actual results may differ substantially from those expressed or implied by any forward-looking statements due to a number of factors, including, among others, the risks described in the "Risk Factors" section and elsewhere in this Annual Report.

As used in this discussion and analysis, unless the context indicates otherwise, the terms the "Company", "Harrow" "we", "us" and "our" refer to Harrow Health, Inc. and its consolidated subsidiaries, consisting of Park Compounding, Inc., Imprimis Rx NJ, LLC, Imprimis NJOF, LLC, ImprimisRx, LLC, Radley Pharmaceuticals, Inc., Stowe Pharmaceuticals, Inc. and Mayfield Pharmaceuticals, Inc.

Overview

Our business specializes in the development, production and sale of innovative medications that offer unique competitive advantages and serve unmet needs in the marketplace through our subsidiaries and deconsolidated companies. We own one of the nation's leading ophthalmology pharmaceutical businesses, ImprimisRx. In addition to wholly owning ImprimisRx, we also have equity positions in Eton Pharmaceuticals, Inc. ("Eton"), Surface Pharmaceuticals, Inc. ("Surface"), and Melt Pharmaceuticals, Inc. ("Melt"), all companies that began as subsidiaries of Harrow. More recently, we founded drug development subsidiaries Mayfield Pharmaceuticals, Inc. ("Mayfield"), Radley Pharmaceuticals, Inc. ("Radley"), and Stowe Pharmaceuticals, Inc. ("Stowe"). During 2020, we intend to launch a new business and subsidiary called Visionology. We also own royalty rights in various drug candidates being developed by Surface, Melt, Radley and Mayfield. We intend to continue to create and hold equity and royalty rights in new businesses that commercialize drug candidates that are internally developed or otherwise acquired or licensed from third parties.

ImprimisRx

ImprimisRx is our ophthalmology focused pharmaceutical compounding business. We offer to over 7,000 physician customers and their patients critical medicines to meet their needs that are unmet by commercially available drugs. We make our formulations available at prices that are, in most cases, lower than non-customized commercial drugs. Our current ophthalmology formulary includes over twenty compounded formulations, many of which are patented or patent-pending, and are customizable for the specific needs of a patient. Some examples of our compounded medications are various combinations of drugs formulated into one bottle and numerous preservative free formulations. Depending on the formulation, the regulations of a specific state and ultimately the needs of the patient, ImprimisRx products may be dispensed as patient-specific medications from our 503A pharmacy, or for in-office use, made according to current good manufacturing practices (or cGMPs) or other U.S. Food and Drug Administration ("FDA") guidance documents, in our FDA-registered NJOF outsourcing facility.

Visionology

Visionology is expected to be an online eye health platform, trusted by both physicians and patients. In addition to allowing physicians to communicate with pharmacists, and patients to communicate with physicians, it will offer a variety of high quality, affordable, chronic care ophthalmic pharmaceutical products using a state of the art proprietary IT platform. We expect to launch a proof-of-concept model for Visionology in the first half of 2020 within a certain region of the U.S., and if successful, expand the launch on a nationwide basis later in 2020 and 2021.

Pharmaceutical Compounding Businesses

Pharmaceutical Compounding

Pharmaceutical compounding is the science of combining different active pharmaceutical ingredients (APIs), all of which are approved by the FDA (either as a finished form product or as a bulk drug ingredient) and excipients, to create specialized pharmaceutical preparations. Physicians and healthcare institutions use compounded drugs when commercially available drugs do not optimally treat a patient's needs. In many cases, compounded drugs, such as ours, have wide market utility and may be clinically appropriate for large patient populations. Examples of compounded formulations include medications with alternative dosage strengths or unique dosage forms, such as topical creams or gels, suspensions, or solutions with more tolerable drug delivery vehicles.

Almost all of our sales revenue is derived from making, selling and dispensing our compounded prescription drug formulations as cash pay transactions between us and our end-user customer. As such, the majority of our commercial transactions do not involve distributors, wholesalers, insurance companies, pharmacy benefit managers or other middle parties. By not being reliant on insurance company formulary inclusion and pharmacy benefit manager payment clawbacks, we are able to simplify the prescription transaction process. We believe the outcome of our business model is a simple transaction, involving a patient-in-need, a physician's diagnosis, a fair price and great service for a quality pharmaceutical product. We sell our products through a network of employees and independent contractors and we dispense our formulations in all 50 states, Puerto Rico and in selected markets outside the United States.

Our Compounding Facilities

Pharmaceutical compounding businesses are governed by Sections 503A and 503B of the Federal Food Drug and Cosmetic Act (the "FDCA"). Section 503A of the FDCA provides that a pharmacy is only permitted to compound a drug for an individually identified patient based on a prescription for a patient, and is only permitted to distribute the drug interstate if the pharmacy is licensed to do so in the states where it is compounded and where the medication is received.

Section 503B of the FDCA provides that a pharmacy engaged in preparing sterile compounded drug formulations may voluntarily elect to register as an "outsourcing facility." Outsourcing facilities are permitted to compound large quantities of drugs without a prescription and distribute them out of state with certain limitations such as the formulation appearing on the FDA's drug shortage list or the bulk drug substances contained in the formulations appearing on the FDA's "clinical need" list. Entities voluntarily registering with FDA as outsourcing facilities are subject to additional requirements that do not apply to compounding pharmacies (operating under Section 503A of the FDCA), including adhering to standards such as current good manufacturing practices (cGMP) or other FDA guidance documents and being subject to regular FDA inspection.

We operate two compounding facilities located in Ledgewood, New Jersey. Our New Jersey operations are comprised of two separate entities and facilities, one of which is registered with the FDA as an outsourcing facility ("NJOF") under Section 503B of the FDCA. The other New Jersey facility ("RxNJ"), is a licensed pharmacy operating under Section 503A of the FDCA. All products that we sell, produce and dispense are made in the United States.

We believe that, with our current compounding pharmacy facilities and licenses and FDA registration of NJOF, we have the infrastructure to scale our business appropriately under the current regulatory landscape and meet the potential growth in demand we are targeting. We plan to invest in one or more of our facilities to further their capacity and efficiencies. Also, we may seek to access greater pharmacy and production related redundancy and markets through acquisitions, partnerships or other strategic transactions.

Pharmaceutical Development Businesses

We have ownership interests in Eton, Surface, Melt, Mayfield, Stowe and Radley and hold royalty interests in certain of their drug candidates. These companies are pursuing market approval for their drug candidates under the FDCA, including in some instances under the abbreviated pathway described in Section 505(b)(2) which permits the submission of a new drug application ("NDA") where at least some of the information required for approval comes from studies not conducted by or for the applicant and for which the applicant has not obtained a right of reference. In 2018 and 2019, we formed and created subsidiaries named Radley, Mayfield, and Stowe, which we intend to operate similar to Eton, Surface and Melt. In addition, we intend to create additional subsidiaries that will be focused on the development and FDA approval of certain proprietary drug formulations that we currently own, will in-license/acquire and/or otherwise develop.

Consolidated Businesses

Stowe Pharmaceuticals, Inc.

Stowe is a consolidated subsidiary of Harrow that was formed in 2019, focused on the development of its proprietary ophthalmic drug candidate STE-006. STE-006 is a patented, new chemical entity, small molecule topical drug candidate intended to treat various bacterial, fungal, and viral infections in the eye. In initial preclinical models, STE-006 was shown to be significantly more effective compared to current conventional therapies against numerous bacterial and viral pathogens, including strains of methicillin-resistant staphylococcus aureus, or MRSA, and herpes simplex virus. STE-006 has several patents covering matter of composition, methods of production, methods of use and molecule, which are valid until 2038.

We own 2,500,000 shares of Stowe common stock, and control 70% of the equity and voting interests issued and outstanding of Stowe at December 31, 2019. We recently agreed to terms with an experienced, ophthalmology focused life science executive to be the CEO of Stowe which would be become effective following a deconsolidating transaction, which we are currently pursuing.

Mayfield Pharmaceuticals, Inc.

Mayfield, a consolidated subsidiary of Harrow, is a development-stage pharmaceutical company focused on consequential products that address the conspicuous unmet needs of patients. Its development programs focus on using known molecules in dosage forms for new indications, and by developing new chemical entities with known mechanisms of action. Mayfield recently licensed worldwide rights to a first-in-class antimicrobial drug candidate, called MAY-66, which is being studied to treat recurrent bacterial vaginosis. In February 2019, Mayfield acquired drug formulation assets and intellectual property, including three recently issued patents, for MAY-44, a drug candidate for the treatment of dyspareunia, or pain experienced by women during sexual intercourse. In addition to MAY-44, Mayfield is also developing MAY-88 for patients suffering from interstitial cystitis, which it will acquire from Harrow at the closing of a deconsolidating transaction.

We own 2,500,000 shares of Mayfield common stock, and control 70% of the equity and voting interests issued and outstanding of Mayfield at December 31, 2019. We are currently pursuing a deconsolidating transaction for Mayfield. Once deconsolidated, we expect Mayfield to be run by an experienced life science executive, that we have recently contracted with.

Radley Pharmaceuticals, Inc.

Radley, a consolidated subsidiary of Harrow, is a development-stage pharmaceutical company focused on the development of proprietary 505(b)(2) drug candidates focused on rare diseases. Radley currently has three drug programs in its pipeline. During January 2020, and prior to initiating significant development activities and costs related to these drug programs, we met with the FDA to establish and understand the expected clinical and regulatory path to approval for Radley's lead drug program. Conceptually, the FDA agreed with our clinical program design, and we are currently considering options related to the next steps of the drug candidates development. We are also pursuing investigator-initiated studies for some of Radley's drug candidates with two well-known healthcare institutions based in the New York and Boston areas. We believe this approach will allow us to better understand and weigh the economic costs, clinical feasibility and potential benefits associated with pursuing development activities associated with these drug programs. Radley is also pursuing additional asset acquisition and licensing opportunities with a focus in oncology-related therapies.

De-Consolidated Businesses

Eton Pharmaceuticals, Inc.

Eton is a pharmaceutical company focused on developing and commercializing innovative products utilizing the FDA's 505(b)(2) regulatory pathway. Its pipeline includes several products and drug candidates in various stages of development across a variety of dosage forms. Eton's pipeline is focused on innovative 505(b)(2) products and obtaining FDA marketing approval for currently marketed but unapproved drugs.

In May 2017, Eton closed an offering of its Series A Preferred Stock and we lost our controlling interest in it. In November 2018, Eton completed an initial public offering of its common stock. We own 3,500,000 shares of Eton common stock, which we estimate is less than 20% of the equity and voting interests issued and outstanding of Eton as of December 31, 2019.

Surface Pharmaceuticals, Inc.

Surface is a development-stage pharmaceutical company focused on development and commercialization of innovative therapeutics for ocular surface diseases and is seeking FDA approval for the commercialization of its drug candidates through the Section 505(b)(2) regulatory pathway under the FDCA. In 2017 and amended in April 2018, Harrow entered into asset purchase and license agreements (the "Surface License Agreements") and transferred to Surface its current drug pipeline, which consists of three proprietary drug candidates. Surface's patent-pending topical eye drop drug candidates, SURF-100 and SURF-200, utilize a patented delivery vehicle known as Klarity Drops ("Klarity"), that was invented by Harrow board member and Surface's chairman of the board, renowned ophthalmologist Dr. Richard Lindstrom. Klarity is designed to protect and rehabilitate the ocular surface pathology for patients with dry eye disease, or DED.

During the fourth quarter of 2019, Surface filed an investigational new drug application ("IND") for its drug program SURF-201. SURF-201 is a novel steroid topical eye drop drug candidate for treating pain and inflammation post-ocular surgery. Surface expects to submit an IND for its lead drug candidate, SURF-100, during the first half of 2020, for treating signs and symptoms associated with chronic dry eye disease. We expect Surface to release certain clinical data related to these programs near the end of 2020 and beginning of 2021.

In May and July 2018, Surface closed on an offering of its Series A Preferred Stock. At that time, we lost our controlling interest and deconsolidated Surface from our consolidated financial statements. We own 3,500,000 shares of Surface which we estimate is approximately 30% of the equity and voting interests as of December 31, 2019.

Melt is a development-stage pharmaceutical company focused on the development and commercialization of proprietary non-intravenous, sedation and anesthesia therapeutics for human medical procedures in hospital, outpatient, and in-office settings. Melt intends to seek regulatory approval through the FDA's 505(b)(2) regulatory pathway for its proprietary technologies, where possible. In December 2018, we entered into an Asset Purchase Agreement with Melt (the "Melt Asset Purchase Agreement"), and Harrow assigned to Melt the underlying intellectual property for Melt's current pipeline, including its lead drug candidate MELT-100. The core intellectual property Melt owns is a patented series of combination non-opioid sedation drug formulations that we estimate to have multitudinous applications. Pursuant to the terms of the Melt Asset Purchase Agreement, Melt is required to make royalty payments to the Company equal to five percent (5%) of net sales of MELT-100, while any patent rights remain outstanding, subject to other conditions.

MELT-100 is a novel, sublingually delivered, non-IV, opioid-free drug candidate being developed for procedural sedation. Melt is expecting to file an IND and begin its clinical program for MELT-100 in the summer of 2020, and if successful, begin enrollment for its Phase 3 studies for MELT-100 during 2021.

In January 2019, Melt closed an offering of its Series A Preferred Stock and we lost our controlling interest in it. We own 3,500,000 shares of Melt common stock, which we estimate is 44% of the equity and voting interests issued and outstanding of Melt as of December 31, 2019.

Factors Affecting Our Performance

We believe the primary factors affecting our performance are our ability to increase revenues of our proprietary compounded formulations and certain non-proprietary products, grow and gain operating efficiencies in our pharmacy operations, optimize pricing and obtain reimbursement options for our proprietary compounded formulations, and continue to pursue development and commercialization opportunities for certain of our ophthalmology and other assets that we have not yet made commercially available as compounded formulations. We believe we have built a tangible and intangible infrastructure that will allow us to scale revenues efficiently in the long-term. All of these activities will require significant costs and other resources, which we may not have or be able to obtain from operations or other sources. See "Liquidity and Capital Resources" below.

Reimbursement Options

Our proprietary ophthalmic compounded formulations are currently primarily available on a cash-pay basis. However, we work with third-party insurers, pharmacy benefit managers and buying groups to offer patient-specific customizable compounded formulations at accessible prices. We may devote time and other resources to seek reimbursement and patient pay opportunities for these and other compounded formulations and we have hired pharmacy billers to process certain existing reimbursement opportunities for certain formulations. However, we may be unsuccessful in achieving these goals, as many third-party payors have imposed significant restrictions on reimbursement for compounded formulations in recent years. Moreover, third-party payors, including Medicare, are increasingly attempting to contain health care costs by limiting coverage and the level of reimbursement for new drugs and by refusing, in some cases, to provide coverage for uses of approved products for disease indications for which the FDA has not granted labeling approval. Further, the Patient Protection and Affordable Care Act, as amended by the Health Care and Education Affordability Reconciliation Act of 2010 (collectively, the "Health Care Reform Law"), may have a considerable impact on the existing U.S. system for the delivery and financing of health care and could conceivably have a material effect on our business. As a result, reimbursement from Medicare, Medicaid and other third-party payors may never be available for any of our products or, if available, may not be sufficient to allow us to sell the products on a competitive basis and at desirable price points. We are communicating with government and third-party payors in order to make our formulations available to more patients and at optimized pricing levels. However, if government and other third-party payors do not provide adequate coverage and reimbursement levels for our formulations, the market acceptance and opportunity for our formulations may be limited.

On August 30, 2019, CMS issued an update to the Hospital Outpatient Prospective Payment System, with an effective date of October 1, 2019 (the "MLN Update"). The MLN Update included clarification on guidance for intraocular or periocular injections of combinations of anti-inflammatory drugs and antibiotics, including the family of Dropped® formulations made and sold by ImprimisRx. Specifically, the MLN Update stated that nothing in the current CMS policy is intended to preclude physicians or other professionals from discussing the potential benefits and drawbacks of Dropped Therapy® formulations with their patients, and to prescribe them if the patient so elects.

Recent Developments

The following describes certain developments in 2019 to date that are important to understand our financial condition and results of operations. See the notes to our consolidated financial statements included in this report for additional information about each of these developments.

Melt Pharmaceuticals Asset Purchase Agreement and Series A Round

As described more fully above under the sub-heading "Melt Pharmaceuticals, Inc.," we entered into the Melt Asset Purchase Agreement with our previously wholly owned subsidiary, Melt. Following closing of the Melt Series A Round, in January 2019, we lost controlling interest in Melt. Pursuant to the terms of the Melt Asset Purchase Agreement, we assigned and licensed to Melt certain intellectual property and related rights to develop, formulate, make, sell, and sub-license its current drug candidate pipeline.

Mayfield Pharmaceuticals MAY-44 Asset Purchase Agreement

Mayfield and Harrow acquired the intellectual property associated with MAY-44 in January 2019 from Elle Pharmaceutical LLC in exchange for \$25,000, with an additional \$175,000 due upon third party financing of Mayfield, 1,000,000 shares of Mayfield common stock and a 7.5% royalty rate on sales of the product. In February 2020, Mayfield entered into a common stock purchase agreement with Elle to re-acquire 650,000 shares of Mayfield common stock from Elle for a total purchase price of \$1,000.

SWK Refinance – May 2019

In May 2019, we entered into a joinder and amendment (the “Amendment”) to our term loan and security agreement dated as of July 19, 2017 (the “SWK Loan”), with SWK Funding LLC and its partners (the “Lender”), as lender and collateral agent. A summary of the material changes contained in the Amendment are as follows:

- The interest rate calculation that the loan bears is now equal to the three-month London Inter-Bank Offered Rate (subject to a minimum of 2.00%), plus an applicable margin of 10.00% (the “Margin Rate”) provided that, if, two days prior to a payment date, we provide the Lender evidence that we have achieved a leverage ratio as of such date of less than 4.00:1:00, the Margin Rate shall equal 9.00%; and if we have achieved a leverage ratio as of such date of less than 3.00:1:00, the Margin Rate shall equal 7.00%;
- Leverage ratio in the Amendment means, as of any date of determination, the ratio of: (a) indebtedness as of such date to (b) EBITDA (as defined in the SWK Loan), of us for the immediately preceding twelve (12) month period, adding-back (i) actual litigation expenses for the immediately preceding twelve (12) month period, minus (ii) actual litigation expenses for the immediately preceding three (3) month period multiplied by four (4);
- The definition of the first amortization date was changed to May 14, 2020, permitting us to pay interest only on the principal amount loaned for the next four payments (payments are due on a quarterly basis) following the Amendment; and
- Subject to the satisfaction of certain revenue and market capitalization requirements and conditions, the Lender agreed to make available to us an additional principal amount of up to \$5,000,000.

In addition to the terms described above, the Amendment joined our recently created subsidiaries to the SWK Loan and added definitions related to excluded subsidiaries that are not considered co-borrowers and are subsidiaries which we believe will eventually be deconsolidated from our financials and we will lose 50% or more of the equity interests of the subsidiary.

Mayfield Pharmaceuticals MAY-66 License

In July 2019, Mayfield entered into a License Agreement (the “TGV License”) with TGV-Health, LLC and affiliated entities (collectively, “TGV”), to acquire intellectual property rights for use in the women’s health field, related to Mayfield’s proprietary drug candidate MAY-66. The TGV License provides that TGV will cooperate with Mayfield in transferring all embodiments of the intellectual property (including know-how) related to the TGV License, assist in obtaining and protecting its patent rights for the acquired intellectual property and that Mayfield will use commercially reasonable efforts to research, develop and commercialize products based on the acquired intellectual property. In connection with the TGV License, Mayfield is obligated to make royalty payments to TGV equal to a low single digit percentage of net sales received by Mayfield in connection with the sale or licensing of any product based on the licensed intellectual property. In addition, Mayfield issued 300,000 shares of its common stock to TGV and is required to make certain milestone payments to TGV over the development of MAY-66 and any related products based on the licensed intellectual property.

Stowe License

In July 2019, Stowe entered into a License Agreement (the “Stowe License”) with TGV, to acquire intellectual property rights for use in the ophthalmology and optic health fields, related to Stowe’s proprietary drug candidate STE-006. The Stowe License provides that TGV will cooperate with Stowe in transferring all embodiments of the intellectual property (including know-how) related to the Stowe License, assist in obtaining and protecting its patent rights for the acquired intellectual property and that Stowe will use commercially reasonable efforts to research, develop and commercialize products based on the acquired intellectual property. In connection with the Stowe License, Stowe is obligated to make royalty payments to TGV equal to a low single digit percentage of net sales received by Stowe in connection with the sale or licensing of any product based on the licensed intellectual property. In addition, Stowe issued 1,750,000 shares of its common stock to TGV and is required to make certain milestone payments to TGV over the development of STE-006 and any related products based on the licensed intellectual property.

Park Restructuring

On August 30, 2019, Park Compounding, Inc. (“Park”) a wholly owned subsidiary of Harrow Health, Inc., and Noice Rx, LLC (“Noice”) terminated the Asset Purchase Agreement, dated July 26, 2019 (the “Purchase Agreement”), between the parties. Under the terms of the Purchase Agreement, Park had agreed to sell substantially all its assets associated with its non-ophthalmology pharmaceutical compounding business to Noice, including its pharmacy facility and equipment located in Irvine, California. The closing of the sale transaction was dependent on the California State Board of Pharmacy approving of the sale and issuing a temporary pharmacy and sterile license permit to Noice, which did not occur and led to Park ceasing operations at the close of business on August 27, 2019.

Following closure of the Park pharmacy, the Company elected to restructure the Park business and facilitate the transition of certain compounded formulations and related equipment from Park to the Company's New Jersey-based compounded pharmaceutical production facilities (the "Park Restructuring"). As a result of the Park Restructuring, the Company incurred non-cash impairment costs of approximately \$3,781,000 related to assets held at Park, primarily associated with property, plant, equipment, goodwill and other intangible assets and, in addition, to incur approximately \$480,000 in one-time costs related to severance packages and other costs associated with the Park Restructuring, during the year ended December 31, 2019. Since the Park Restructuring, all compounding business has been consolidated into the Company's ImprimisRx business.

We have reduced the Park compounded product formulary to seven base formulations, based on factors including unit order volumes, revenues and gross margin percentages. During the first quarter of 2020, we believe ImprimisRx was able to retain and re-acquire approximately half of Park's historical revenue.

Results of Operations

The following period-to-period comparisons of our financial results are not necessarily indicative of results for the current period or any future period.

Comparison of Years Ended December 31, 2019 and 2018

Revenues

Our revenues include amounts recorded from sales of proprietary and non-proprietary pharmaceutical compounded drug formulations and revenues received from royalty and milestone payments owed to us pursuant to out-license arrangements.

The following presents our revenues for the years ended December 31, 2019 and 2018:

	For the year ended		\$
	December 31,		
	2019	2018	Variance
Product sales, net	\$ 51,137,000	\$ 41,334,000	\$ 9,803,000
License revenues	28,000	38,000	(10,000)
Total revenues	<u>\$ 51,165,000</u>	<u>\$ 41,372,000</u>	<u>\$ 9,793,000</u>

The increase in revenue between periods was largely attributable to increased sales of our proprietary formulations and furtherance of our ophthalmology related compounded formulations. Our gross ophthalmology related sales were approximately \$47,692,000 for the year ended December 31, 2019, compared to \$34,135,000 in 2018. Net revenues generated from our New Jersey based outsourcing facility ("NJOF") (which include certain ophthalmology related sales) totaled \$33,240,000 for the year ended December 31, 2019, compared to \$22,490,000 in 2018.

Cost of Sales

Our cost of sales includes direct and indirect costs to manufacture formulations and sell products, including active pharmaceutical ingredients, personnel costs, packaging, storage, royalties, shipping and handling costs, manufacturing equipment and tenant improvements depreciation, the write-off of obsolete inventory and other related expenses.

The following presents our cost of sales for the years ended December 31, 2019 and 2018:

	For the year ended		\$
	December 31,		
	2019	2018	Variance
Cost of sales	<u>\$ 16,749,000</u>	<u>\$ 16,521,000</u>	<u>\$ 228,000</u>

The increase in our cost of sales between periods was largely attributable to an increase in the volume of unit sales of our formulations and products and our associated costs of such sales.

Gross Profit and Margin

	For the year ended		\$
	December 31,		
	2019	2018	Variance
Gross Profit	<u>\$ 34,416,000</u>	<u>\$ 24,851,000</u>	<u>\$ 9,565,000</u>
Gross Margin	<u>67.3%</u>	<u>60.1%</u>	<u>7.2%</u>

The increase in gross profit and gross margin between periods is largely attributable to increased efficiencies in our production process and increased utilization of capacities as a result of increased output, in particular, at NJOF and increased per unit sales prices. We estimate gross margins at NJOF were greater than 70% during 2019.

Selling, General and Administrative Expenses

Our selling, general and administrative expenses include personnel costs, including wages and stock-based compensation, corporate facility expenses, and investor relations, consulting, insurance, filing, legal and accounting fees and expenses as well as costs associated with our marketing activities and sales of our proprietary compounded formulations and other non-proprietary pharmacy products and formulations.

The following presents our selling, general and administrative expenses for the year ended December 31, 2019 and 2018:

	For the year ended		\$
	December 31,		
	2019	2018	Variance
Selling, general and administrative	\$ 33,096,000	\$ 29,243,000	\$ 3,853,000

The increase in general and administrative expenses between periods was largely attributable to increased sales commission amounts and costs related to the operations of Mayfield, Radley and Stowe.

Research and Development Expenses

Our research and development expenses primarily include expenses related to the development of acquired intellectual property, investigator-initiated research and evaluations and other costs related to the clinical development of our assets.

The following presents our research and development expenses for the years ended December 31, 2019 and 2018:

	For the year ended		\$
	December 31,		
	2019	2018	Variance
Research and development	\$ 2,083,000	\$ 825,000	\$ 1,258,000

The increase in research and development expenses between periods was primarily attributable to the increase in formulation development studies with our ImprimisRx subsidiary and the clinical development programs for our subsidiaries Radley, Mayfield and Stowe that occurred during the year ended December 31, 2019.

Impairment and Disposal of Long-Lived Assets

During the year ended December 31, 2019, we recorded a loss of \$4,040,000 related to the impairment and disposal of long-lived assets. \$3,781,000 of these costs were related to the Park Restructuring and \$259,000 of these expenses were related to the impairment of patents and patent-applications related to a terminated asset purchase agreement.

Interest Expense, net

Interest expense, net was \$2,500,000 for year ended December 31, 2019 compared to \$2,728,000 in 2018. The decrease during the year ending December 31, 2019 compared to 2018 was primarily due to interest expense recognition related to a decrease in the amortization of our finance lease obligations.

Investment Gain (Loss) from Melt, net

During the year ended December 31, 2019, we recorded a net gain of \$3,968,000 related to our investment in Melt. We recorded a gain of \$5,810,000 for the deconsolidation of Melt, and a loss of \$(1,842,000) for our share of losses based on our ownership of Melt after its deconsolidation. We began using equity method accounting for our investment in Melt beginning on January 30, 2019, the date we no longer had a controlling interest. Prior to that date, Melt's losses were consolidated within our statements of operations.

Investment Gain (Loss) from Surface

During the year ended December 31, 2019, we recorded a loss of \$1,200,000 for our share of losses based on our ownership of Surface. During the year ended December 31, 2018, we recorded a loss of \$(373,000) for our share of losses based on our ownership of Surface prior to its deconsolidation. During the year ended December 31, 2018, we recorded a gain of \$5,320,000 in the deconsolidation of Surface. We began using equity method accounting for our investment in Surface beginning on June 11, 2018, the date we no longer had a controlling interest. Prior to that date, Surface's losses were consolidated within our statements of operations.

Investment Gain (loss) from Eton, net

During the year ended December 31, 2018, our ownership of Eton fell below 20% and we ceased accounting for our investment in Eton under equity method accounting, and we recorded investment income of \$21,420,000 related to the fair market value of the 3,500,000 shares of Eton common stock we hold, based on the closing price of Eton common stock of \$6.12 per share as of December 31, 2018. Prior to the November 2018 IPO, we recorded a loss of \$3,507,000 for our share of losses based on our ownership of Eton. We recorded a gain of \$3,780,000 related to the change in fair market value of Eton's common stock based on the closing price of Eton common stock of \$7.20 per share as of December 31, 2019.

Other Income (Expense), net

During the year ended December 31, 2019, we recorded other income, net of \$630,000. This was the result of expenses that were paid by us during 2018 and will be reimbursed by Melt following its deconsolidation. During year ended December 31, 2018, we recorded other expense, net of \$(290,000). This was due to a loss of \$393,000 related to the impairment and write-off of a note receivable, and income of \$103,000 related to expenses that were paid by us and reimbursed by Surface following its deconsolidation.

Net Income

The following table presents our net income for the years ended December 31, 2019 and 2018:

	For the Year Ended December 31,	
	2019	2018
Net income	<u>\$ 168,000</u>	<u>\$14,625,000</u>
Net income per share, basic	<u>\$ 0.01</u>	<u>\$ 0.67</u>
Net income per share, diluted	<u>\$ 0.01</u>	<u>\$ 0.61</u>

Liquidity and Capital Resources

Liquidity

Our cash on hand (including restricted cash) at December 31, 2019 was \$4,949,000, compared to \$6,838,000 at December 31, 2018. Since inception through December 31, 2019, we have incurred aggregate losses of \$74,043,000. These losses are primarily due to selling, general and administrative and research and development expenses incurred in connection with developing and seeking regulatory approval for a former drug candidate, which activities we have now discontinued, the development and commercialization of novel compounded formulations and the development of our pharmacy operations.

As of the date of this Annual Report, we believe that cash and cash equivalents of \$4,749,000 and restricted investments of \$200,000, totaling approximately \$4,949,000 at December 31, 2019, will be sufficient to sustain our planned level of operations and capital expenditures for at least the next 12 months. We also may consider the sale of certain assets including, but not limited to, part of, or all of, our ownership interest in Eton, Surface, Melt, and/or any of our consolidated subsidiaries. However, our plans for this period may change, our estimates of our operating expenses, capital expenditures and working capital requirements could be inaccurate, we may pursue acquisitions of pharmacies or other strategic transactions that involve large expenditures or we may experience growth more quickly or on a larger scale than we expect, any of which could result in the depletion of capital resources more rapidly than anticipated and could require us to seek additional financing earlier than we expect to support our operations.

We expect to use our current cash position and funds generated from our operations and any financing to pursue our business plan, which includes developing and commercializing compounded formulations and technologies, integrating and developing our compounding operations, pursuing potential future strategic transactions as opportunities arise, including potential acquisitions of additional pharmacy, outsourcing facilities, drug company and manufacturers, and/or assets or technologies, and otherwise fund our operations. We may also use our resources to conduct clinical trials or other studies in support of our formulations or any drug candidate for which we pursue FDA approval, to pursue additional development programs or to explore other development opportunities.

Net Cash Flow

The following provides detailed information about our net cash flows for the years ended December 31, 2019 and 2018:

	For the Year Ended December 31,	
	2019	2018
Net cash provided by operating activities	\$ 950,000	\$ 687,000
Net cash used in investing activities	(1,833,000)	(2,199,000)
Net cash (used in) provided by financing activities	(1,006,000)	4,131,000
Net change in cash and cash equivalents	(1,889,000)	2,619,000
Cash and cash equivalents at beginning of the year	6,838,000	4,219,000
Cash and cash equivalents at end of the year	\$ 4,949,000	\$ 6,838,000

Operating Activities

Net cash provided by operating activities was \$950,000 in 2019, compared to \$687,000 in the prior year. Net cash provided by operating activities during the years ended December 31, 2019 and 2018 was the result of increased unit volumes and sales, production efficiencies and management of operating expenses.

Investing Activities

Net cash used in investing activities in 2019 and 2018 was \$(1,833,000) and \$(2,199,000), respectively. Cash used in investing activities in 2019 compared to 2018 were primarily associated with additional equipment purchases, facility expansions and upgrades, and investments in our intellectual property portfolio.

Financing Activities

Net cash (used in) provided by financing activities in 2019 and 2018 was \$(1,006,000) and \$4,131,000, respectively. The cash used in financing activities during 2019 is primarily attributable to the principal and interest paid on the long-term debt. The cash provided by financing activities during 2018 is primarily attributable to proceeds received from the exercise of warrants.

Sources of Capital

Our principal sources of cash consist of cash provided by operating activities from our pharmaceutical compounding business. We may also sell some or all of our ownership interests in Eton, Surface, Melt or our other subsidiaries. We began producing cash from our operations during 2018, however historically, we haven't received sufficient revenues to support our operations and may not be able to continue to do so.

We may need significant additional capital to support our business plan and fund our proposed business operations. We may receive additional proceeds from the exercise of stock purchase warrants that are currently outstanding. We may also seek additional financing from a variety of sources, including other equity or debt financings, funding from corporate partnerships or licensing arrangements, sales of assets or any other financing transaction. If we issue equity or convertible debt securities to raise additional funds, our existing stockholders may experience substantial dilution, and the newly issued equity or debt securities may have more favorable terms or rights, preferences and privileges senior to those of our existing stockholders. If we raise additional funds through collaboration or licensing arrangements or sales of assets, we may be required to relinquish potentially valuable rights to our product candidates or proprietary technologies or formulations, or grant licenses on terms that are not favorable to us. If we raise funds by incurring additional debt, we may be required to pay significant interest expenses and our leverage relative to our earnings or to our equity capitalization may increase. Obtaining commercial loans, assuming they would be available, would increase our liabilities and future cash commitments and may impose restrictions on our activities, such as the financial and operating covenants included in the agreements governing the SWK Loan. Further, we may incur substantial costs in pursuing future capital and/or financing transactions, including investment banking fees, legal fees, accounting fees, printing and distribution expenses and other costs. We may also be required to recognize non-cash expenses in connection with certain securities we may issue, such as convertible notes and warrants, which would adversely impact our financial results.

We may be unable to obtain financing when necessary as a result of, among other things, our performance, general economic conditions, conditions in the pharmaceuticals and pharmacy industries, or our operating history, including our past bankruptcy proceedings. In addition, the fact that we have a limited history of profitability could further impact the availability or cost to us of future financings. As a result, sufficient funds may not be available when needed from any source or, if available, such funds may not be available on terms that are acceptable to us. If we are unable to raise funds to satisfy our capital needs when needed, then we may need to forego pursuit of potentially valuable development or acquisition opportunities, we may not be able to continue to operate our business pursuant to our business plan, which would require us to modify our operations to reduce spending to a sustainable level by, among other things, delaying, scaling back or eliminating some or all of our ongoing or planned investments in corporate infrastructure, business development, sales and marketing and other activities, or we may be forced to discontinue our operations entirely.

Critical Accounting Policies

We rely on the use of estimates and make assumptions that impact our financial condition and results. These estimates and assumptions are based on historical results and trends as well as our forecasts of how results and trends might change in the future. Although we believe that the estimates we use are reasonable, actual results could differ materially from these estimates.

We believe that the accounting policies described below are critical to understanding our business, results of operations and financial condition because they involve the use of more significant judgments and estimates in the preparation of our consolidated financial statements. An accounting policy is deemed to be critical if it requires an accounting estimate to be made based on assumptions about matters that are highly uncertain at the time the estimate is made, and any changes in the assumptions used in making the accounting estimates that are reasonably likely to occur could materially impact our consolidated financial statements.

Revenue Recognition and Deferred Revenue

On January 1, 2018, we adopted ASU 2014-09, using the modified retrospective transition method. There was no effect or any adjustments to retained earnings upon adoption of the standard on January 1, 2018. We have two primary streams of revenue: (1) revenue recognized from our sale of products within our pharmacy services and (2) revenue recognized from intellectual property license and asset purchase agreements.

Product Revenues from Pharmacy Services

We sell prescription drugs directly through our pharmacy and outsourcing facility network. Revenue from our pharmacy services divisions includes: (i) the portion of the price the client pays directly to us, net of any volume-related or other discounts paid back to the client, (ii) the price paid to us by individuals, and (iii) customer copayments made directly to the pharmacy network. Sales taxes are not included in revenue. Following the core principle of ASU 2014-09, we have identified the following:

1. Identify the contract(s) with a customer: A contract exists with a customer at the time the prescription or order is received by the Company.
2. Identify the performance obligations in the contract: The order received contains the performance obligations to be met, in almost all cases the product the customer is wishing to receive. If we are unable to be meet the performance obligation the customer is notified.
3. Determine the transaction price: the transaction price is based on the product being sold to the customer, and any related customer discounts. These amounts are pre-determined and built into our order management software.
4. Allocate the transaction price to the performance obligations in the contract: The transaction price associated with the product(s) being ordered is allocated according to the pre-determined amounts.
5. Recognize revenue when (or as) the entity satisfies a performance obligation: At the time of shipment from the pharmacy or outsourcing facility the performance obligation has been met.

The following revenue recognition policy has been established for the pharmacy services division:

Revenues generated from prescription or office use drugs sold by our pharmacies and outsourcing facility are recognized when the prescription is shipped. At the time of shipment, the pharmacy services division has performed substantially all of its obligations under its client contracts and does not experience a significant level of returns or reshipments. Determination of criteria (3) and (4) is based on management's judgments regarding the fixed nature of the selling prices of the products delivered and the collectability of those amounts. We record reductions to revenue for discounts at the time of the initial sale. Estimated returns and allowances and other adjustments are provided for in the same period during which the related sales are recorded and are based on actual returns history. The rate of returns is analyzed annually to determine historical returns experience. If the historical data we use to calculate these estimates do not properly reflect future returns, then a change in the allowance would be made in the period in which such a determination is made and revenues in that period could be materially affected. We will defer any revenues received for a product that has not been delivered or is subject to refund until such time that we and the customer jointly determine that the product has been delivered and no refund will be required.

We currently hold four intellectual property license and related agreements in which we have promised to grant a license or sale which provides a customer with right to access our intellectual property. License arrangements may consist of non-refundable upfront license fees, data transfer fees, research reimbursement payments, exclusive license rights to patented or patent pending compounds, technology access fees, and various performance or sales milestones. These arrangements can be multiple element arrangements, each of which revenue is recognized at the point of time the performance obligation is met.

Non-refundable fees that are not contingent on any future performance by us and require no consequential continuing involvement on our part are recognized as revenue when the license term commences and the licensed data, technology, compounded drug preparation and/or other deliverable is delivered. Such deliverables may include physical quantities of compounded drug preparations, design of the compounded drug preparations and structure-activity relationships, the conceptual framework and mechanism of action, and rights to the patents or patent applications for such compounded drug preparations. We defer recognition of non-refundable fees if it has continuing performance obligations without which the technology, right, product or service conveyed in conjunction with the non-refundable fee has no utility to the licensee and that are separate and independent of our performance under the other elements of the arrangement. In addition, if our continued involvement is required, through research and development services that are related to its proprietary know-how and expertise of the delivered technology or can only be performed by us, then such non-refundable fees are deferred and recognized over the period of continuing involvement. Guaranteed minimum annual royalties are recognized on a straight-line basis over the applicable term.

Investment in Eton Pharmaceuticals, Inc.

In April 2017, we formed Eton as a wholly owned subsidiary. In June 2017 we lost voting and ownership control of Eton and ceased consolidating Eton's financial statements. At the time of deconsolidation, we recorded a gain of \$5,725,000 and adjusted the carrying value in Eton to reflect the increased valuation of Eton and our new ownership percent in accordance with Accounting Standard Codification ("ASC") 810-10-40-4(c), *Consolidation*. At the time of deconsolidation, we used the equity method of accounting as management determined that we had the ability to exercise significant influence over the operating and financial decisions of Eton. Under this method, we recognized earnings and losses of Eton in its consolidated financial statements and adjusted the carrying amount of its investment in Eton accordingly. During the year ended December 31, 2018, the Company recorded equity in net loss of Eton of \$3,507,000.

Following the close of the Eton IPO we estimate our common stock position in Eton equaled approximately 19.98% of the equity and voting interests issued and outstanding of Eton, and we ceased using the equity method of accounting for our investment in Eton. We recognize earnings and losses of Eton in our consolidated financial statements based on the fair market value of the shares owned and adjust the carrying amount of our investment in Eton accordingly. Eton's common stock currently trades on the NASDAQ Global Market exchange. In accordance with the Accounting Standards Update ("ASU") 2016-01, *Financial Instruments-Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial Liabilities*, for the year ended December 31, 2019, we recorded an investment gain from its Eton common stock position of \$3,780,000 related to the change in fair market value of our investment in Eton during the measurement period. For the year ended December 31, 2018, we recorded an investment gain from our Eton common stock position of \$21,420,000 related to the change in fair market value of our investment in Eton during the measurement period. As of December 31, 2019, the fair market value of our investment in Eton was \$25,200,000.

Investment in Surface Pharmaceuticals, Inc.

In April 2017, we formed Surface as a wholly owned subsidiary. In May and July 2018, Surface entered into and closed on a definitive stock purchase agreement with an institutional investor for the purchase of Surface's Series A Preferred Stock (the "Surface Series A Stock") that resulted in total proceeds to Surface of approximately \$21 million. At the time of the first closing in May 2018, we lost voting and ownership control of Surface and ceased consolidating Surface's financial statements. The Surface Series A Stock (i) was issued at a purchase price of \$3.30 per share; (ii) will vote together with the common stock and all other shares of stock of Surface having general voting power; (iii) will be entitled to the number of votes equal to the number of shares of preferred stock held; (iv) will hold liquidation preference over all other equity interests in Surface; and (v) will have mandatory conversion requirements into Surface common stock upon events including an underwritten initial public offering ("IPO") of Surface common stock or similar transaction.

At the time of deconsolidation, we recorded a gain of \$5,320,000 and adjusted the carrying value in Surface to reflect the increased valuation of Surface and our new ownership percent in accordance with ASC 810-10-40-4(c), *Consolidation*.

We own 3,500,000 common shares (which is approximately 30% of the equity interest as of December 31, 2019) of Surface and use the equity method of accounting for this investment, as management has determined that we have the ability to exercise significant influence over the operating and financial decisions of Surface. Under this method, we recognize earnings and losses of Surface in our consolidated financial statements and adjust the carrying amount of our investment in Surface accordingly. Our share of earnings and losses are based on the shares of common stock and in-substance common stock of Surface held by us. Any intra-entity profits and losses are eliminated. We recorded equity in net loss of Surface of \$1,200,000 during the year ended December 31, 2019. As of December 31, 2019, the carrying value of our investment in Surface was \$3,747,000.

Investment in Melt Pharmaceuticals, Inc.

In April 2018, we formed Melt as a wholly owned subsidiary. In January and March of 2019, Melt entered into definitive stock purchase agreements (collectively, the “Melt Series A Preferred Stock Agreement”) with certain investors and closed on the purchase and sale of Melt’s Series A Preferred Stock (the “Melt Series A Stock”), totaling approximately \$11,400,000 of proceeds (collectively the “Melt Series A Round”) at a purchase price of \$5.00 per share. As a result, we lost voting and ownership control of Melt and ceased consolidating Melt’s financial statements. In connection with the Melt Series A Preferred Stock Agreement, Melt also entered into a Registration Rights Agreement and agreed to use commercially reasonable efforts to file, or confidentially submit, a registration statement on Form S-1 with the United States Securities and Exchange Commission (“SEC”) by September 30, 2020 relating to an initial public offering of its common stock.

At the time of deconsolidation, we recorded a gain of \$5,810,000 and adjusted the carrying value in Melt to reflect the increased valuation of Melt and our new ownership interest in accordance with ASC 810-10-40-4(c), *Consolidation*.

We own 3,500,000 common shares (which is approximately 44% of the equity interest as of December 31, 2019) of Melt and uses the equity method of accounting for this investment, as management has determined that we have the ability to exercise significant influence over the operating and financial decisions of Melt. Under this method, we recognize earnings and losses of Melt in its consolidated financial statements and adjusts the carrying amount of its investment in Melt accordingly. Our share of earnings and losses are based on our ownership interest of Melt. Any intra-entity profits and losses are eliminated. We recorded equity in net loss of Melt of \$1,842,000 during the year ended December 31, 2019. As of December 31, 2019, the carrying value of our investment in Melt was \$3,968,000.

Stock-Based Compensation

All stock-based payments to employees, directors and consultants, including grants of stock options, warrants, restricted stock units and restricted stock, are recognized in the consolidated financial statements based upon their estimated fair values. We use the Black-Scholes option pricing model and Monte-Carlo simulation to estimate the fair value of stock-based awards. Fair value is determined at the date of grant. The financial statement effect of forfeitures is estimated at the time of grant and revised, if necessary, if the actual effect differs from those estimates.

Our accounting policy for equity instruments issued to consultants and vendors in exchange for goods and services follows the Financial Accounting Standards Board (“FASB”) guidance. The measurement date for the fair value of the equity instruments issued is the earlier of (i) the date at which a commitment for performance by the consultant or vendor is reached or (ii) the date at which the consultant or vendor’s performance is complete. In the case of equity instruments issued to consultants, the fair value of the equity instrument is primarily recognized over the term of the consulting agreement. According to FASB guidance, an asset acquired in exchange for the issuance of fully vested, nonforfeitable equity instruments should not be presented or classified as an offset to equity on the grantor’s balance sheet once the equity instrument is granted for accounting purposes. Accordingly, we record the fair value of nonforfeitable equity instruments issued for future consulting services as prepaid stock-based consulting expenses in our consolidated balance sheets.

Income Taxes

As part of the process of preparing our consolidated financial statements, we must estimate our actual current tax liabilities and assess permanent and temporary differences that result from differing treatment of items for tax and accounting purposes. The temporary differences result in deferred tax assets and liabilities, which are included within the balance sheet. We must assess the likelihood that the deferred tax assets will be recovered from future taxable income and, to the extent we believe that recovery is not more likely than not, a valuation allowance must be established which reduces the amount of deferred tax assets recorded on the consolidated balance sheets. To the extent we establish a valuation allowance or increase or decrease this allowance in a period, the impact will be included in income tax expense in the statement of operations.

Research and Development

We expense all costs related to research and development as they are incurred. Research and development expenses consist of expenses incurred in performing research and development activities, including salaries and benefits, other overhead expenses, and costs related to clinical trials, contract services and outsourced contracts.

Intellectual Property

The costs of acquiring intellectual property rights to be used in the research and development process, including licensing fees and milestone payments, are charged to research and development expense as incurred in situations where we have not identified an alternative future use for the acquired rights, and are capitalized in situations where we have identified an alternative future use for the acquired rights. Patents and trademarks are recorded at cost and capitalized at a time when the future economic benefits of such patents and trademarks become more certain (see “—Goodwill and Intangible Assets” below). We began capitalizing certain costs associated with acquiring intellectual property rights during 2015, if costs are not capitalized they are expensed as incurred.

Impairment of Long-Lived Assets

Long-lived assets, such as property, plant and equipment, purchased intangibles subject to amortization and patents and trademarks, are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Recoverability of assets to be held and used is measured by a comparison of the carrying amount of an asset to estimated undiscounted future cash flows expected to be generated by the asset. If the carrying amount of an asset exceeds its estimated future cash flows, an impairment charge is recognized in the amount by which the carrying amount of the asset exceeds the fair value of the asset. Assets to be disposed would be separately presented in the consolidated balance sheet and reported at the lower of the carrying amount or fair value less costs to sell, and are no longer depreciated. The assets and liabilities of a disposal group classified as held-for-sale would be presented separately in the appropriate asset and liability sections of the consolidated balance sheet, if material.

Goodwill and Intangible Assets

Patents and trademarks are recorded at cost and capitalized at a time when the future economic benefits of such patents and trademarks become more certain. At that time, we capitalize third party legal costs and filing fees associated with obtaining and prosecuting claims related to its patents and trademarks. Once the patents have been issued, we amortize these costs over the shorter of the legal life of the patent or its estimated economic life, generally 20 years, using the straight-line method. Trademarks are an indefinite life intangible asset and are assessed for impairment based on future projected cash flows as further described below.

We review our goodwill and indefinite-lived intangible assets for impairment as of January 1 of each year and when an event or a change in circumstances indicates the fair value of a reporting unit may be below its carrying amount. Events or changes in circumstances considered as impairment indicators include but are not limited to the following:

- significant underperformance of the our business relative to expected operating results;
- significant adverse economic and industry trends;
- significant decline in the our market capitalization for an extended period of time relative to net book value; and
- expectations that a reporting unit will be sold or otherwise disposed.

The goodwill impairment test consists of a two-step process as follows:

Step 1. We compare the fair value of each reporting unit to its carrying amount, including the existing goodwill. The fair value of each reporting unit is determined using a discounted cash flow valuation analysis. The carrying amount of each reporting unit is determined by specifically identifying and allocating the assets and liabilities to each reporting unit based on headcount, relative revenues or other methods as deemed appropriate by management. If the carrying amount of a reporting unit exceeds its fair value, an indication exists that the reporting unit's goodwill may be impaired and we then perform the second step of the impairment test. If the fair value of a reporting unit exceeds its carrying amount, no further analysis is required.

Step 2. If further analysis is required, we compare the implied fair value of the reporting unit's goodwill, determined by allocating the reporting unit's fair value to all of its assets and its liabilities in a manner similar to a purchase price allocation, to its carrying amount. If the carrying amount of the reporting unit's goodwill exceeds its fair value, an impairment loss will be recognized in an amount equal to the excess.

Debt Issuance Costs and Debt Discount

Debt issuance costs and the debt discount are recorded net of note payable in the consolidated balance sheet. Amortization expense of debt issuance costs and the debt discount is calculated using the effective interest method over the term of the debt and is recorded in interest expense in the accompanying consolidated statement of operations.

Off-Balance Sheet Arrangements

Since our inception, except for standard operating leases, we have not engaged in any off-balance sheet arrangements, including the use of structured finance, special purpose entities or variable interest entities. We have no off-balance sheet arrangements that have or are reasonably likely to have a current or future effect on our financial condition, changes in financial condition, revenues or expenses, results of operations, liquidity, capital expenditures or capital resources that is material to stockholders.

ITEM 7A. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Not applicable.

ITEM 8. FINANCIAL STATEMENTS AND SUPPLEMENTARY DATA

The financial statements and supplementary data required by this item are included in this Annual Report beginning on page F-1 immediately following the signature page hereto and are incorporated herein by reference.

ITEM 9. CHANGES IN AND DISAGREEMENTS WITH ACCOUNTANTS ON ACCOUNTING AND FINANCIAL DISCLOSURE

None.

ITEM 9A. CONTROLS AND PROCEDURES

Disclosure Controls and Procedures

Our management, under the supervision and with the participation of our Chief Executive Officer (“CEO”), our principal executive officer, and our Chief Financial Officer (“CFO”), our principal financial and accounting officer, conducted an evaluation of the effectiveness of our disclosure controls and procedures as of December 31, 2019, the end of the period covered by this Annual Report, pursuant to Rules 13a-15(b) and 15d-15(b) under the Securities Exchange Act of 1934, as amended (the “Exchange Act”).

In connection with that evaluation, our CEO and CFO concluded that, as of December 31, 2019, our disclosure controls and procedures were effective. For the purpose of this review, disclosure controls and procedures means controls and procedures designed to ensure that information required to be disclosed by us in the reports that we file or submit under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the SEC’s rules and forms. These disclosure controls and procedures include, without limitation, controls and procedures designed to ensure that information required to be disclosed by us in the reports that we file or submit under the Exchange Act is accumulated and communicated to management, including our principal executive officer, principal financial officer and principal accounting officer, as appropriate to allow timely decisions regarding required disclosure.

Management’s Annual Report on Internal Control over Financial Reporting

Our management is responsible for establishing and maintaining adequate internal control over financial reporting, as defined in Rules 13a-15(f) and 15d-15(f) under the Exchange Act. Internal control over financial reporting is a process designed by, or under the supervision of, our CEO and CFO and effected by our board of directors, management and other personnel, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles. Our management, under the supervision and with the participation of our CEO and CFO, conducted an evaluation of the effectiveness of our internal control over financial reporting based on the framework in *Internal Control — Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations. Based on such evaluation, management concluded that our internal control over financial reporting was effective as of December 31, 2019.

Our independent registered public accounting firm also reported on the effectiveness of internal control over financial reporting. The independent registered public accounting firm’s attestation report is included in our consolidated financial statements beginning on page F-2 of this report under the caption entitled “Report of Independent Registered Public Accounting Firm.”

Changes in Internal Control over Financial Reporting

There has been no change in our internal control over financial reporting (as defined in Rule 13a-15(f) under the Exchange Act) during the year ended December 31, 2019, that has materially affected, or is reasonably likely to materially affect our internal control over financial reporting.

Inherent Limitations on Effectiveness of Controls

Our management, including our CEO and CFO, do not expect that our disclosure controls or our internal control over financial reporting will prevent or detect all errors and all fraud. A control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance that the control system’s objectives will be met. The design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Further, because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that misstatements due to error or fraud will not occur or that all control issues and instances of fraud, if any, have been detected. These inherent limitations include the realities that judgments in decision-making can be faulty and that breakdowns can occur because of simple error or mistake. Controls can also be circumvented by the individual acts of some persons, by collusion of two or more people, or by management override of the controls. The design of any system of controls is based in part on certain assumptions about the likelihood of future events, and there can be no assurance that any design will succeed in achieving its stated goals under all potential future conditions. Projections of any evaluation of controls effectiveness to future periods are subject to risks. Over time, controls may become inadequate because of changes in conditions or deterioration in the degree of compliance with policies or procedures.

ITEM 9B. OTHER INFORMATION

None.

PART III

ITEM 10. DIRECTORS, EXECUTIVE OFFICERS AND CORPORATE GOVERNANCE

The information required by this item is incorporated by reference to the information set forth under the captions "Election of Directors," "Executive Officers," "Corporate Governance," "Corporate Governance — Delinquent Section 16(a) Reports," and "Corporate Governance — Code of Business Conduct and Ethics" in the Company's Proxy Statement for the 2020 Annual Meeting of Stockholders.

ITEM 11. EXECUTIVE COMPENSATION

The information required by this item is incorporated by reference to the information set forth under the captions "Executive Compensation" and "Director Compensation" in the Company's Proxy Statement for the 2020 Annual Meeting of Stockholders.

ITEM 12. SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT AND RELATED STOCKHOLDER MATTERS

The information required by this item is incorporated by reference to the information set forth under the captions "Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters" and "Executive Compensation — Securities Authorized for Issuance Under Equity Compensation Plans" in the Company's Proxy Statement for the 2020 Annual Meeting of Stockholders.

ITEM 13. CERTAIN RELATIONSHIPS AND RELATED TRANSACTIONS, AND DIRECTOR INDEPENDENCE

The information required by this item is incorporated by reference to the information set forth under the captions "Corporate Governance — Transactions with Related Persons" and "Corporate Governance — Director Independence" in the Company's Proxy Statement for the 2020 Annual Meeting of Stockholders.

ITEM 14. PRINCIPAL ACCOUNTANT FEES AND SERVICES

The information required by this item is incorporated by reference to the information set forth under the caption "Ratification of Selection of Independent Registered Public Accounting Firm" in the Company's Proxy Statement for the 2020 Annual Meeting of Stockholders.

PART IV

ITEM 15. EXHIBITS AND FINANCIAL STATEMENT SCHEDULES

(a) List of the following documents filed as part of the report:

- (1) See the index to our consolidated financial statements on page F-1 for a list of the financial statements being filed in this Annual Report.
- (2) All financial statement schedules are omitted because they are not applicable or the required information is shown in the consolidated financial statements or the notes thereto.
- (3) See Item 15(b) below for all exhibits being filed or incorporated by reference herein.

(b) Exhibits:

EXHIBIT INDEX

Exhibit No.	Description
2.1	<u>Agreement and Plan of Merger, dated as of September 17, 2007, by and among Imprimis Pharmaceuticals, Inc., Transdel Pharmaceuticals Holdings, Inc. and Trans-Pharma Acquisition Corp. Incorporation (incorporated herein by reference to Exhibit 2.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on September 21, 2007)</u>
3.1	<u>Amended and Restated Certificate of Incorporation, as amended by the Certificate of Amendment to Amended and Restated Certificate of Incorporation effective February 28, 2012, as further amended by the Certificate of Amendment to Amended and Restated Certificate of Incorporation effective February 7, 2013, and as further amended by the Certificate of Amendment to Amended and Restated Certificate of Incorporation effective September 10, 2014</u>
3.2	<u>Amended and Restated Bylaws of Imprimis Pharmaceuticals, Inc. (incorporated herein by reference to Exhibit 3.2 to the Annual Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on March 28, 2014)</u>
3.3	<u>Certificate of Designation of Series A Convertible Preferred Stock of Imprimis Pharmaceuticals, Inc. (incorporated herein by reference to Exhibit 3.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on December 20, 2011)</u>
3.4	<u>Amended and Restated Certificate of Incorporation, filed July 2, 2018 (incorporated herein by reference to Exhibit 3.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on July 2, 2018)</u>
3.5	<u>Amendment to the Restated Certificate of Incorporation for the name change, filed as of December 27, 2018 (incorporated herein by reference to Exhibit 3.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on December 31, 2018)</u>
4.1*	<u>Description of the Company's Securities</u>
10.1	<u>Form of Directors and Officers Indemnification Agreement (incorporated herein by reference to Exhibit 10.8 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on September 21, 2007)</u>
10.2#	<u>Imprimis Pharmaceuticals, Inc. Amended and Restated 2007 Stock Incentive and Awards Plan (incorporated herein by reference to Exhibit 10.3 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on May 8, 2013)</u>
10.3#	<u>Amendment No. 1 to Imprimis Pharmaceuticals, Inc. Amended and Restated 2007 Incentive Stock and Awards Plan (incorporated herein by reference to Exhibit 10.3 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on November 6, 2013)</u>
10.4#	<u>Form of Incentive Stock Option Agreement (incorporated herein by reference to Exhibit 10.12 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on September 21, 2007)</u>
10.5#	<u>Form of Non-Qualified Stock Option Agreement (incorporated herein by reference to Exhibit 10.13 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on September 21, 2007)</u>
10.6#	<u>Form of Restricted Stock Unit Agreement (incorporated herein by reference to Exhibit 10.4 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on May 8, 2013)</u>
10.7#	<u>Stand-alone Restricted Stock Unit Agreement, dated July 18, 2012, granted by Imprimis Pharmaceuticals, Inc. to Mark L. Baum (incorporated herein by reference to Exhibit 10.40 to the Company's Registration Statement on Form S-1 (File No. 333-182846) filed on July 25, 2012)</u>
10.8#	<u>Stand-alone Restricted Stock Unit Agreement, dated July 18, 2012, granted by Imprimis Pharmaceuticals, Inc. to Robert J. Kammer (incorporated herein by reference to Exhibit 10.41 to the Company's Registration Statement on Form S-1 (File No. 333-182846) filed on July 25, 2012)</u>
10.9	<u>Form of Underwriter's Warrant (incorporated herein by reference to Exhibit 10.41 to the Company's Registration Statement on Form S-1 (File No. 333-182846) filed on October 26, 2012)</u>
10.10#	<u>Amended and Restated Employment Agreement, dated May 2, 2013, by and between Imprimis Pharmaceuticals, Inc. and Mark L. Baum (incorporated herein by reference to Exhibit 10.2 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on May 8, 2013)</u>

- 10.11# [Performance Stock Units Agreement, dated May 2, 2013, by and between Imprimis Pharmaceuticals, Inc. and Mark L. Baum \(incorporated herein by reference to Exhibit 10.4 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on August 14, 2013\)](#)
- 10.12+ [Asset Purchase Agreement, dated June 11, 2013, by and between Imprimis Pharmaceuticals, Inc. and Buderer Drug Company, Inc. \(incorporated herein by reference to Exhibit 10.5 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on August 14, 2013\)](#)
- 10.13+ [Asset Purchase Agreement, dated August 8, 2013, by and among Imprimis Pharmaceuticals, Inc., Novel Drug Solutions, LLC and Eye Care Northwest, PA \(incorporated herein by reference to Exhibit 10.1 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on November 6, 2013\)](#)
- 10.14 [Amendment to Asset Purchase Agreement, dated as of October 14, 2013, by and among Imprimis Pharmaceuticals, Inc., Novel Drug Solutions, LLC and EyeCare Northwest, PA \(incorporated herein by reference to Exhibit 10.2 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on November 6, 2013\)](#)
- 10.15+ [Asset Purchase Agreement, dated October 8, 2013, by and between Imprimis Pharmaceuticals, Inc. and Novel Drug Solutions, LLC \(incorporated herein by reference to Exhibit 10.27 to the Annual Report on Form 10-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on March 28, 2014\)](#)
- 10.16 [Amendment to Asset Purchase Agreement, dated as of October 21, 2013, by and between Imprimis Pharmaceuticals, Inc. and Buderer Drug Company, Inc. \(incorporated herein by reference to Exhibit 10.28 to the Annual Report on Form 10-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on March 28, 2014\)](#)
- 10.17 [Amendment to Asset Purchase Agreement, dated as of October 21, 2013, by and between Imprimis Pharmaceuticals, Inc. and Novel Drug Solutions, LLC and EyeCare Northwest, PA \(incorporated herein by reference to Exhibit 10.29 to the Annual Report on Form 10-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on March 28, 2014\)](#)
- 10.18# [Amended and Restated Employment Agreement, effective as of February 1, 2015, by and between Imprimis Pharmaceuticals, Inc. and Andrew R. Boll \(incorporated herein by reference to Exhibit 10.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on February 2, 2015\)](#)
- 10.19# [Performance Stock Units Award Agreement, effective as of February 1, 2015, by and between Imprimis Pharmaceuticals, Inc. and Andrew R. Boll \(incorporated herein by reference to Exhibit 10.2 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on February 2, 2015\)](#)
- 10.20# [Employment Agreement, effective as of February 1, 2015, by and between Imprimis Pharmaceuticals, Inc. and John P. Saharek \(incorporated herein by reference to Exhibit 10.3 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on February 2, 2015\)](#)
- 10.21 [Warrant to Purchase Stock, dated May 11, 2015, issued by Imprimis Pharmaceuticals, Inc. \(incorporated herein by reference to Exhibit 10.2 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on May 12, 2015\)](#)
- 10.22 [Loan and Security Agreement, dated May 11, 2015, by and between Imprimis Pharmaceuticals and IMMY Funding LLC. \(incorporated herein by reference to Exhibit 10.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on May 12, 2015\)](#)
- 10.23 [License Agreement dated as of August 11, 2015, between Imprimis Pharmaceuticals, Inc. and Advance Dosage Forms, Inc. and John DiGenova \(incorporated herein by reference to Exhibit 10.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on August 12, 2015\)](#)
- 10.24 [Controlled Equity OfferingSM Sales Agreement, dated November 27, 2015, by and between Imprimis Pharmaceuticals, Inc. and Cantor Fitzgerald & Co \(incorporated herein by reference to Exhibit 1.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on November 27, 2015\)](#)
- 10.25 [PCCA Commission Agreement, dated December 21, 2015, by and between Imprimis Pharmaceuticals, Inc. and Professional Compounding Centers of America, Inc.](#)
- 10.26 [8.00% Convertible Senior Secured Note issued on January 22, 2016 by Imprimis Pharmaceuticals, Inc. \(incorporated herein by reference to Exhibit 10.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on January 25, 2016\)](#)
- 10.27 [Note Purchase Agreement dated January 22, 2016 between Imprimis Pharmaceuticals, Inc. and IMMY Funding LLC \(incorporated herein by reference to Exhibit 10.2 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on January 25, 2016\)](#)

- 10.28 [Second Amendment to Loan and Security Agreement dated January 22, 2016 between Imprimis Pharmaceuticals, Inc. and IMMY Funding LLC \(incorporated herein by reference to Exhibit 10.3 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on January 25, 2016\)](#)
- 10.29 [Amendment to Warrant to Purchase Stock dated January 22, 2016 between Imprimis Pharmaceuticals, Inc. and IMMY Funding LLC \(incorporated herein by reference to Exhibit 10.4 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on January 25, 2016\)](#)
- 10.30 [Third Amendment to Loan and Security Agreement, dated December 27, 2016, by and between Imprimis Pharmaceuticals and IMMY Funding LLC \(incorporated herein by reference to Exhibit 10.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on December 29, 2016\)](#)
- 10.31 [Exchange and Discharge Agreement, dated December 27, 2016, by and between Imprimis Pharmaceuticals and IMMY Funding LLC \(incorporated herein by reference to Exhibit 10.2 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on December 29, 2016\)](#)
- 10.32 [Warrant Amendment to Purchase Stock, dated December 27, 2016, issued by Imprimis Pharmaceuticals, Inc. \(incorporated herein by reference to Exhibit 10.3 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on December 29, 2016\)](#)
- 10.33 [Form of Securities Purchase Agreement, dated March 21, 2017, between the Registrant and the Investors \(incorporated herein by reference to Exhibit 10.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on March 22, 2017\)](#)
- 10.34 [License Agreement dated April 1, 2017 between Imprimis Pharmaceuticals, Inc. and Richard L. Lindstrom, M.D. \(incorporated herein by reference to Exhibit 10.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on April 6, 2017\)](#)
- 10.35 [Strategic Sales & Marketing Agreement dated April 13, 2017 between Imprimis Pharmaceuticals, Inc. and Cameron Ehlen Group, Inc. \(incorporated herein by reference to Exhibit 10.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on April 17, 2017\)](#)
- 10.36 [Strategic Sales & Marketing Agreement dated April 28, 2017 between Imprimis Pharmaceuticals, Inc. and SightLife Surgical, Inc. \(incorporated herein by reference to Exhibit 10.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on May 2, 2017\)](#)
- 10.37# [Consulting Agreement dated May 1, 2017 between Eton Pharmaceuticals, Inc. and Mark L. Baum \(incorporated herein by reference to Exhibit 10.8 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on August 10, 2017\)](#)
- 10.38# [Consulting Agreement dated May 1, 2017 between Eton Pharmaceuticals, Inc. and Andrew R. Boll \(incorporated herein by reference to Exhibit 10.9 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on August 10, 2017\)](#)
- 10.39# [Consulting Agreement dated May 1, 2017 between Eton Pharmaceuticals, Inc. and John P. Saharek \(incorporated herein by reference to Exhibit 10.10 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on August 10, 2017\)](#)
- 10.40 [Asset Purchase and License Agreement \(pentoxifylline\) dated May 9, 2017 between Imprimis Pharmaceuticals, Inc. and Eton Pharmaceuticals, Inc. \(incorporated herein by reference to Exhibit 10.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on June 20, 2017\)](#)
- 10.41 [Asset Purchase and License Agreement \(corticotropin\) dated May 9, 2017 between Imprimis Pharmaceuticals, Inc. and Eton Pharmaceuticals, Inc. \(incorporated herein by reference to Exhibit 10.2 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on June 20, 2017\)](#)
- 10.42 [Management Services Agreement dated May 1, 2017 between Imprimis Pharmaceuticals, Inc. and Eton Pharmaceuticals, Inc. \(incorporated herein by reference to Exhibit 10.4 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on June 20, 2017\)](#)
- 10.43# [Consulting Agreement dated October 27, 2017 between Surface Pharmaceuticals, Inc. and Mark L. Baum \(incorporated herein by reference to Exhibit 10.53 to the Annual Report on Form 10-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on March 8, 2017\)](#)
- 10.44# [Consulting Agreement dated October 27, 2017 between Surface Pharmaceuticals, Inc. and Andrew R. Boll \(incorporated herein by reference to Exhibit 10.54 to the Annual Report on Form 10-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on March 8, 2017\)](#)

- 10.45# [Consulting Agreement dated October 27, 2017 between Surface Pharmaceuticals, Inc. and John P. Saharek \(incorporated herein by reference to Exhibit 10.55 to the Annual Report on Form 10-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on March 8, 2017\).](#)
- 10.46 [Asset Purchase and License Agreement dated September 28, 2017 between Imprimis Pharmaceuticals, Inc. and Surface Pharmaceuticals, Inc. \(incorporated herein by reference to Exhibit 10.1 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on May 15, 2018\).](#)
- 10.47 [Amended and Restated Asset Purchase and License Agreement dated April 10, 2018 between Imprimis Pharmaceuticals, Inc. and Surface Pharmaceuticals, Inc. \(incorporated herein by reference to Exhibit 10.2 to the Current Report on Form 8-K of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on May 15, 2018\).](#)
- 10.48 [Amended and Restated License Agreement dated April 10, 2018 between Imprimis Pharmaceuticals, Inc. and Richard L. Lindstrom, M.D. \(incorporated herein by reference to Exhibit 10.3 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on August 6, 2018\).](#)
- 10.49 [Consulting Agreement dated March 1, 2018 between Surface Pharmaceuticals, Inc. and Richard L. Lindstrom, M.D. \(incorporated herein by reference to Exhibit 10.4 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on August 6, 2018\).](#)
- 10.50# [Consulting Agreement dated May 1, 2018 between Melt Pharmaceuticals, Inc. and Mark L. Baum \(incorporated herein by reference to Exhibit 10.1 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on November 13, 2018\).](#)
- 10.51# [Consulting Agreement dated May 1, 2018 between Melt Pharmaceuticals, Inc. and Andrew R. Boll \(incorporated herein by reference to Exhibit 10.2 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on November 13, 2018\).](#)
- 10.52# [Consulting Agreement dated May 1, 2018 between Melt Pharmaceuticals, Inc. and John P. Saharek \(incorporated herein by reference to Exhibit 10.3 to the Quarterly Report on Form 10-Q of Imprimis Pharmaceuticals, Inc. filed with the Securities and Exchange Commission on November 13, 2018\).](#)
- 10.53 [Asset Purchase Agreement dated December 11, 2018 between Harrow Health, Inc. \(fka Imprimis Pharmaceuticals, Inc.\) and Melt Pharmaceuticals, Inc. \(incorporated herein by reference to Exhibit 10.1 to the Current Report on Form 8-K of Harrow Health, Inc. filed with the Securities and Exchange Commission on February 5, 2019\).](#)
- 10.54 [Asset Purchase Agreement dated February 1, 2019 between Harrow Health, Inc. and Mayfield Pharmaceuticals, Inc. \(incorporated herein by reference to Exhibit 10.2 to the Quarterly Report on Form 10-Q of Harrow Health, Inc. filed with the Securities and Exchange Commission on May 9, 2019\).](#)
- 10.55 [Asset Purchase Agreement dated February 1, 2019 between Harrow Health, Inc. and Elle Pharmaceuticals, Inc. \(incorporated herein by reference to Exhibit 10.3 to the Quarterly Report on Form 10-Q of Harrow Health, Inc. filed with the Securities and Exchange Commission on May 9, 2019\).](#)
- 10.56 [Joinder and Amendment to Loan and Security Agreement, dated May 24, 2019, by and between Harrow Health, Inc., each of its wholly owned subsidiaries and SWK Funding LLC. \(incorporated herein by reference to Exhibit 10.1 to the Current Report on Form 8-K of Harrow Health, Inc. filed with the Securities and Exchange Commission on May 29, 2019\).](#)
- 10.57# [Consulting Agreement dated June 3, 2019 between Mayfield Pharmaceuticals, Inc. and Mark L. Baum \(incorporated herein by reference to Exhibit 10.3 to the Quarterly Report on Form 10-Q of Harrow Health, Inc. filed with the Securities and Exchange Commission on August 14, 2019\).](#)
- 10.58# [Consulting Agreement dated June 3, 2019 between Mayfield Pharmaceuticals, Inc. and Andrew R. Boll \(incorporated herein by reference to Exhibit 10.2 to the Quarterly Report on Form 10-Q of Harrow Health, Inc. filed with the Securities and Exchange Commission on August 14, 2019\).](#)
- 10.59# [Consulting Agreement dated June 3, 2019 between Mayfield Pharmaceuticals, Inc. and John P. Saharek \(incorporated herein by reference to Exhibit 10.4 to the Quarterly Report on Form 10-Q of Harrow Health, Inc. filed with the Securities and Exchange Commission on August 14, 2019\).](#)
- 10.60 [Asset Purchase Agreement, dated July 26, 2019, by and between Park Compounding, Inc. and Noice Rx, LLC \(incorporated herein by reference to Exhibit 10.1 to the Quarterly Report on Form 10-Q of Harrow Health, Inc. filed with the Securities and Exchange Commission on November 13, 2019\).](#)
- 10.61 [Loan Agreement, dated July 26, 2019, by and between Park Compounding, Inc. and Noice Rx, LLC \(incorporated herein by reference to Exhibit 10.2 to the Quarterly Report on Form 10-Q of Harrow Health, Inc. filed with the Securities and Exchange Commission on November 13, 2019\).](#)
- 10.62 [License Agreement, dated July 28, 2019, among Mayfield Pharmaceuticals, Inc., TGV-Health, LLC and TGV-Gyneconix, LLC \(incorporated herein by reference to Exhibit 10.3 to the Quarterly Report on Form 10-Q of Harrow Health, Inc. filed with the Securities and Exchange Commission on November 13, 2019\).](#)

- 10.63 [License Agreement, dated July 29, 2019, among Stowe Pharmaceuticals, Inc., TGV-Health, LLC and TGV-Ophthalmix, LLC \(incorporated herein by reference to Exhibit 10.4 to the Quarterly Report on Form 10-Q of Harrow Health, Inc. filed with the Securities and Exchange Commission on November 13, 2019\).](#)
- 10.64#* [Consulting Agreement dated February 13, 2020 between Stowe Pharmaceuticals, Inc. and Mark L. Baum](#)
- 10.65#* [Consulting Agreement dated February 13, 2020 between Stowe Pharmaceuticals, Inc. and Andrew R. Boll](#)
- 10.66#* [Consulting Agreement dated February 13, 2020 between Stowe Pharmaceuticals, Inc. and John P. Saharek](#)
- 21.1* [List of Subsidiaries](#)
- 23.1* [Consent of Independent Registered Public Accounting Firm](#)
- 24.1* [Power of Attorney \(included on the signature page to this Annual Report\)](#)
- 31.1* [Certification of Mark L. Baum, Chief Executive Officer, pursuant to Rule 13a-14\(a\) or 15d-14\(a\) of the Securities and Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.](#)
- 31.2* [Certification of Andrew R. Boll, Chief Financial Officer, pursuant to Rule 13a-14\(a\) or 15d-14\(a\) of the Securities and Exchange Act of 1934, as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.](#)
- 32.1** [Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, executed by Mark L. Baum, Chief Executive Officer.](#)
- 32.2** [Certification pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, executed by Andrew R. Boll, Chief Financial Officer.](#)
- 101.INS* XBRL Instant Document - the instance document does not appear in the Interactive Data File because its XBRL tags are embedded within the Inline XBRL document.
- 101.SCH* Inline XBRL Taxonomy Extension Schema Document
- 101.CAL* Inline XBRL Taxonomy Extension Calculation Linkbase Document
- 101.DEF* Inline XBRL Taxonomy Extension Definition Linkbase Document
- 101.LAB* Inline XBRL Taxonomy Extension Label Linkbase Document
- 101.PRE* Inline XBRL Taxonomy Extension Presentation Linkbase Document
- 104 The cover page from the Company's Annual Report on Form 10-K for the year ended December 31, 2019 has been formatted in Inline XBRL

Management contract or compensatory plan or arrangement.

* Filed herewith.

** Furnished herewith.

+ Confidential treatment has been granted with respect to portions of this exhibit pursuant to Rule 24b-2 of the Exchange Act and these confidential portions have been redacted from the filing that is incorporated herein by reference. A complete copy of this exhibit, including the redacted terms, has been separately filed with the Securities and Exchange Commission.

ITEM 16. FORM 10-K SUMMARY

None.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

HARROW HEALTH, INC.

By: /s/ Mark L. Baum

Name: Mark L. Baum

Title: Chief Executive Officer (Principal Executive Officer)

Date: March 13, 2020

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Mark L. Baum and Andrew R. Boll, and each of them individually, as his true and lawful attorneys-in-fact and agents with full power of substitution and resubstitution, for him and in his name, place and stead, in any and all capacities to any or all amendments to this Annual Report, and to file the same, with all exhibits thereto, and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents or any of them the full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the foregoing, as full to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or his substitutes, may lawfully do or cause to be done by virtue thereof.

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Mark L. Baum</u> Mark L. Baum	Chief Executive Officer and Director <i>(Principal Executive Officer)</i>	March 13, 2020
<u>/s/ Andrew R. Boll</u> Andrew R. Boll	Chief Financial Officer <i>(Principal Accounting and Financial Officer)</i>	March 13, 2020
<u>/s/ Robert J. Kammer</u> Robert J. Kammer	Chairman of the Board of Directors	March 13, 2020
<u>/s/ Stephen G. Austin</u> Stephen G. Austin	Director	March 13, 2020
<u>/s/ Richard L. Lindstrom</u> Richard L. Lindstrom	Director	March 13, 2020
<u>/s/ Anthony J. Principi</u> Anthony J. Principi	Director	March 13, 2020

FINANCIAL STATEMENTS

Harrow Health, Inc.

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REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and Stockholders of
Harrow Health, Inc.

Opinion on the Consolidated Financial Statements

We have audited the accompanying consolidated balance sheets of Harrow Health, Inc. and subsidiaries (the "Company") as of December 31, 2019 and 2018, the related consolidated statements of operations, stockholders' equity and cash flows for each of the two years in the period ended December 31, 2019, and the related notes (collectively referred to as the "consolidated financial statements"). In our opinion, the consolidated financial statements referred to above present fairly, in all material respects, the financial position of the Company as of December 31, 2019 and 2018, and the results of their operations and their cash flows for each of the two years in the period ended December 31, 2019, in conformity with accounting principles generally accepted in the United States of America.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) ("PCAOB"), the Company's internal control over financial reporting as of December 31, 2019, based on criteria established in *Internal Control – Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission ("COSO") and our report dated March 13, 2020 expressed an unqualified opinion on the Company's internal control over financial reporting.

Adoption of New Accounting Standard

As discussed in Note 2 to the consolidated financial statements, the Company changed its method of accounting for leases as of January 1, 2019 due to the adoption of ASU No. 2016-02, Leases (Topic 842).

Basis for Opinion

These consolidated financial statements are the responsibility of the Company's management. Our responsibility is to express an opinion on these consolidated financial statements based on our audits. We are a public accounting firm registered with the Public Company Accounting Oversight Board (United States) ("PCAOB") and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audits in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated financial statements are free of material misstatement, whether due to error or fraud.

Our audits included performing procedures to assess the risks of material misstatement of the consolidated financial statements, whether due to error or fraud, and performing procedures that respond to those risks. Such procedures included examining, on a test basis, evidence regarding the amounts and disclosures in the consolidated financial statements. Our audits also included evaluating the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of the consolidated financial statements. We believe that our audits provide a reasonable basis for our opinion.

/s/ KMJ Corbin & Company LLP

We have served as the Company's auditor since 2007.
Costa Mesa, California
March 13, 2020

REPORT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

To the Board of Directors and Stockholders of
Harrow Health, Inc

Opinion on Internal Control over Financial Reporting

We have audited Harrow Health, Inc. and subsidiaries' (the "Company") internal control over financial reporting as of December 31, 2019, based on criteria established in *Internal Control – Integrated Framework (2013)* issued by the Committee of Sponsoring Organizations of the Treadway Commission ("COSO"). In our opinion, the Company maintained, in all material respects, effective internal control over financial reporting as of December 31, 2019, based on the COSO criteria.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States) ("PCAOB"), the consolidated balance sheets of the Company as of December 31, 2019 and 2018, the related consolidated statements of operations, stockholders' equity and cash flows for each of the two years in the period ended December 31, 2019, and the related notes (collectively referred to as the "consolidated financial statements"), and our report dated March 13, 2020 expressed an unqualified opinion on those consolidated financial statements.

Basis for Opinion

The Company's management is responsible for maintaining effective internal control over financial reporting and for its assessment of the effectiveness of internal control over financial reporting, included in the accompanying Management's Report on Internal Control over Financial Reporting included in Item 9A. Our responsibility is to express an opinion on the Company's internal control over financial reporting based on our audit. We are a public accounting firm registered with the PCAOB and are required to be independent with respect to the Company in accordance with the U.S. federal securities laws and the applicable rules and regulations of the Securities and Exchange Commission and the PCAOB.

We conducted our audit in accordance with the standards of the PCAOB. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether effective internal control over financial reporting was maintained in all material respects. Our audit of internal control over financial reporting included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, and testing and evaluating the design and operating effectiveness of internal control based on the assessed risk. Our audit also included performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

Definition and Limitations of Internal Control over Financial Reporting

A company's internal control over financial reporting is a process designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with accounting principles generally accepted in the United States of America. A company's internal control over financial reporting includes those policies and procedures that (1) pertain to the maintenance of records that, in reasonable detail, accurately and fairly reflect the transactions and dispositions of the assets of the company; (2) provide reasonable assurance that transactions are recorded as necessary to permit preparation of financial statements in accordance with accounting principles generally accepted in the United States of America, and that receipts and expenditures of the company are being made only in accordance with authorizations of management and directors of the company; and (3) provide reasonable assurance regarding prevention or timely detection of unauthorized acquisition, use, or disposition of the company's assets that could have a material effect on the financial statements.

Because of its inherent limitations, internal control over financial reporting may not prevent or detect misstatements. Also, projections of any evaluation of effectiveness to future periods are subject to the risk that controls may become inadequate because of changes in conditions, or that the degree of compliance with the policies or procedures may deteriorate.

/s/ KMJ Corbin & Company LLP

Costa Mesa, California
March 13, 2020

HARROW HEALTH, INC.
CONSOLIDATED BALANCE SHEETS
(In thousands, except share data)

	December 31,	
	2019	2018
ASSETS		
Current assets		
Cash and cash equivalents, including restricted cash of \$200	\$ 4,949	\$ 6,838
Investment in Eton Pharmaceuticals	25,200	21,420
Accounts receivable, net	2,009	1,914
Inventories	3,301	1,834
Prepaid expenses and other current assets	1,308	837
Total current assets	36,767	32,843
Property, plant and equipment, net	5,375	6,375
Operating lease right-of-use assets	6,559	-
Intangible assets, net	2,337	3,059
Investment in Surface Pharmaceuticals	3,747	4,947
Investment in Melt Pharmaceuticals	3,968	-
Goodwill	332	2,227
TOTAL ASSETS	\$ 59,085	\$ 49,451
LIABILITIES AND EQUITY		
Current liabilities		
Accounts payable and accrued expenses	\$ 7,702	\$ 6,250
Accrued payroll and related liabilities	2,117	2,283
Deferred revenue and customer deposits	57	119
Current portion of note payable, net of unamortized debt discount	1,772	2,529
Current portion of operating lease obligations	629	-
Current portion of finance lease obligations, net of unamortized discount	7	720
Total current liabilities	12,284	11,901
Operating lease obligations, net of current portion	6,338	-
Finance lease obligations, net of current portion and unamortized discount	26	-
Accrued expenses, net of current portion	800	800
Note payable, net of current portion and unamortized debt discount	12,219	11,999
TOTAL LIABILITIES	31,667	24,700
Commitments and contingencies		
STOCKHOLDERS' EQUITY		
Common stock, \$0.001 par value, 50,000,000 shares authorized, 25,526,931 and 24,339,610 shares issued and outstanding at December 31, 2019 and 2018, respectively	26	24
Additional paid-in capital	101,728	98,938
Accumulated deficit	(74,043)	(74,211)
TOTAL HARROW HEALTH, INC STOCKHOLDERS' EQUITY	27,711	24,751
Noncontrolling interests	(293)	-
TOTAL EQUITY	27,418	24,751
TOTAL LIABILITIES AND EQUITY	\$ 59,085	\$ 49,451

The accompanying notes are an integral part of these consolidated financial statements

HARROW HEALTH, INC.
CONSOLIDATED STATEMENTS OF OPERATIONS
(In thousands, except for share and per share data)

	For the Years Ended December 31,	
	2019	2018
Revenues:		
Sales, net	\$ 51,137	\$ 41,334
License revenues	28	38
Total revenues	51,165	41,372
Cost of sales	(16,749)	(16,521)
Gross profit	34,416	24,851
Operating expenses:		
Selling, general and administrative	33,096	29,243
Research and development	2,083	825
Impairment of long-lived assets	4,040	-
Total operating expenses	39,219	30,068
Loss from operations	(4,803)	(5,217)
Other income (expense):		
Interest expense, net	(2,500)	(2,728)
Investment gain from Melt Pharmaceuticals, net	3,968	-
Investment (loss) gain from Surface Pharmaceuticals, net	(1,200)	4,947
Investment gain from Eton Pharmaceuticals, net	3,780	17,913
Loss on sale of assets	-	(393)
Other income, net	630	103
Total other income, net	4,678	19,842
Income (loss) before income taxes	(125)	14,625
Income tax benefit, net	-	-
Total net income (loss) including noncontrolling interests	(125)	14,625
Net loss attributable to noncontrolling interests	293	-
Net income attributable to Harrow Health, Inc.	\$ 168	\$ 14,625
Basic net income per share of common stock	\$ 0.01	\$ 0.67
Diluted net income per share of common stock	\$ 0.01	\$ 0.61
Weighted average number of shares of common stock Outstanding, basic	25,323,159	21,917,570
Weighted average number of shares of common stock Outstanding, diluted	26,466,098	23,812,045

The accompanying notes are an integral part of these consolidated financial statements

HARROW HEALTH, INC.
CONSOLIDATED STATEMENTS OF STOCKHOLDERS' EQUITY
For the years ended December 31, 2019 and 2018
(In thousands, except for share data)

	Common Stock		Additional Paid-in Capital	Accumulated Deficit	Total Harrow Health, Inc. Stockholders' Equity	Total Noncontrolling Interests	Total Equity
	Shares	Par Value					
Balance at January 1, 2018	20,623,129	\$ 21	\$ 91,430	\$ (88,836)	\$ 2,615	\$ -	\$ 2,615
Issuance of common stock in connection with:							
Exercise of warrants	3,275,162	3	4,230	-	4,233	-	4,233
Vesting of RSUs, net of tax withholding	60,000	-	-	-	-	-	-
Sale of stock, net of costs (ATM)	305,619	-	642	-	642	-	642
Stock-based payment for services provided	75,700	-	150	-	150	-	150
Stock-based compensation expense	-	-	2,486	-	2,486	-	2,486
Net income	-	-	-	14,625	14,625	-	14,625
Balance at December 31, 2018	24,339,610	24	98,938	(74,211)	24,751	-	24,751
Issuance of common stock in connection with:							
Exercise of warrants	1,142,528	2	811	-	813	-	813
Exercise of employee stock options, net of tax withholding	29,793	-	(44)	-	(44)	-	(44)
Stock-based payment for services provided	15,000	-	234	-	234	-	234
Stock-based compensation expense	-	-	1,789	-	1,789	-	1,789
Net income (loss)	-	-	-	168	168	(293)	(125)
Balance at December 31, 2019	25,526,931	\$ 26	\$ 101,728	\$ (74,043)	\$ 27,711	\$ (293)	\$ 27,418

The accompanying notes are an integral part of these consolidated financial statements

HARROW HEALTH, INC.
CONSOLIDATED STATEMENTS OF CASH FLOWS
(In thousands)

	For the Years Ended December 31,	
	2019	2018
CASH FLOWS FROM OPERATING ACTIVITIES		
Net (loss) income (includes non-controlling interests)	\$ (125)	\$ 14,625
Adjustments to reconcile net income (loss) to net cash provided by operating activities:		
Depreciation and amortization of property, plant and equipment	1,936	1,608
Amortization of intangible assets	209	235
Amortization of operating lease right-of-use assets	518	-
Amortization of debt issuance costs and discount	512	613
Investment gain from Eton, net	(3,780)	(17,913)
Investment (gain)/loss from Surface, net	1,200	(4,947)
Investment gain from Melt, net	(3,968)	-
Loss on sale, impairments and disposal of assets	4,148	393
Stock based payment for services provided	234	150
Stock-based compensation	1,789	2,486
Changes in assets and liabilities, net of impairments and disposals:		
Accounts receivable	(95)	(384)
Inventories	(2,271)	415
Prepaid expenses and other current assets	(471)	(123)
Accounts payable and accrued expenses	1,342	2,365
Accrued payroll and related liabilities	(166)	1,074
Deferred revenue and customer deposits	(62)	90
NET CASH PROVIDED BY OPERATING ACTIVITIES	950	687
CASH FLOWS FROM INVESTING ACTIVITIES		
Repayment of note receivable	-	4
Proceeds on sale and disposal of assets	4	-
Investment in patent and trademark assets	(369)	(435)
Purchases of property, plant and equipment	(1,468)	(1,768)
NET CASH USED IN INVESTING ACTIVITIES	(1,833)	(2,199)
CASH FLOWS FROM FINANCING ACTIVITIES		
Payments on finance lease obligations	(743)	(691)
Payments on Park deferred acquisition obligation	-	(53)
Principal payments on note payable	(750)	-
Payments of costs related to amendment of note payable	(282)	-
Net proceeds from ATM sales of common stock	-	642
Net proceeds from exercise of warrants and stock options, net of taxes remitted for RSU's and options	769	4,233
NET CASH (USED IN) PROVIDED BY FINANCING ACTIVITIES	(1,006)	4,131
NET (DECREASE) INCREASE IN, CASH EQUIVALENTS AND RESTRICTED CASH	(1,889)	2,619
CASH, CASH EQUIVALENTS AND RESTRICTED CASH, beginning of year	6,838	4,219
CASH, CASH EQUIVALENTS AND RESTRICTED CASH, end of year	\$ 4,949	\$ 6,838
RECONCILIATION OF CASH, CASH EQUIVALENTS AND RESTRICTED CASH		
Cash and cash equivalents	\$ 4,749	\$ 6,638
Restricted cash	200	200
CASH, CASH EQUIVALENTS AND RESTRICTED CASH AT END OF PERIOD	\$ 4,949	\$ 6,838
SUPPLEMENTAL DISCLOSURE OF CASH FLOW INFORMATION:		
Cash paid for income taxes	\$ 17	\$ 4
Cash paid for interest	\$ 1,967	\$ 2,097
SUPPLEMENTAL DISCLOSURES OF NON-CASH INVESTING AND FINANCING ACTIVITIES:		
Purchase of property and equipment included in accounts payable	\$ 39	\$ -
Right-of-use asset obtained in exchange for lease obligation	\$ 753	\$ -

The accompanying notes are an integral part of these consolidated financial statements

HARROW HEALTH, INC.
NOTES TO THE CONSOLIDATED FINANCIAL STATEMENTS
For the years ended December 31, 2019 and 2018
(all dollar amounts are expressed in thousands, except share and per share data)

NOTE 1. ORGANIZATION

Harrow Health, Inc. (together with its subsidiaries, partially owned companies and royalty arrangements unless the context indicates or otherwise requires, the "Company" or "Harrow") specializes in the development, production and sale of innovative medications that offer unique competitive advantages and serve unmet needs in the marketplace through its subsidiaries and deconsolidated companies. The Company owns one of the nation's leading ophthalmology pharmaceutical businesses, ImprimisRx. In addition to wholly owning ImprimisRx, the Company also has equity positions in Eton Pharmaceuticals, Inc. ("Eton"), Surface Pharmaceuticals, Inc. ("Surface"), and Melt Pharmaceuticals, Inc. ("Melt"), all companies that began as subsidiaries of Harrow. More recently, the Company founded drug development subsidiaries Mayfield Pharmaceuticals, Inc. ("Mayfield"), Radley Pharmaceuticals, Inc. ("Radley"), and Stowe Pharmaceuticals, Inc. ("Stowe"). Harrow also owns royalty rights in various drug candidates being developed by Surface, Melt, Radley and Mayfield. The Company intends to continue to create, and hold equity and royalty rights in, new businesses that commercialize drug candidates that are internally developed or otherwise acquired or licensed from third parties.

In December 2018, the Company amended its restated certificate of incorporation to change its corporate name from "Imprimis Pharmaceuticals, Inc." to "Harrow Health, Inc."

NOTE 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Presentation

Harrow has prepared the accompanying consolidated financial statements in accordance with accounting principles generally accepted in the United States ("GAAP"). The accompanying consolidated financial statements include the accounts of the Company and its wholly owned subsidiaries, as well as Mayfield and Stowe, 70% majority controlled subsidiaries of Harrow as of December 31, 2019. The remaining 30% of Mayfield is owned by Elle Pharmaceutical, LLC ("Elle"), TGV-Health, LLC and its affiliated entities (collectively "TGV") or other consultants. Mayfield was organized to develop women's health-focused drug candidates. The remaining 30% of Stowe is owned by TGV. Stowe was organized to develop ophthalmic drug candidates. All inter-company accounts and transactions have been eliminated in consolidation.

Harrow consolidates entities in which we have a controlling financial interest. We consolidate subsidiaries in which we hold and/or control, directly or indirectly, more than 50% of the voting rights. All intercompany accounts and transactions have been eliminated in consolidation.

Use of Estimates

The preparation of financial statements in conformity with GAAP requires management to make estimates and judgments that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and reported amounts of revenues and expenses during the reporting periods. Significant estimates made by management are, among others, allowance for doubtful accounts and contractual adjustments, renewal periods and discount rates for leases, realizability of inventories, valuation of investments in equity securities, deferred taxes, goodwill and intangible assets, recoverability of long-lived assets and goodwill, valuation of contingent acquisition obligations and deferred acquisition obligations, valuation of notes payable, and valuation of stock-based transactions with employees and non-employees. Actual results could differ from those estimates.

Liquidity

While there is no assurance, the Company believes cash generated from its operations, along with its existing cash resources, restricted cash and marketable securities of approximately \$30,149 at December 31, 2019, will be sufficient to sustain the Company's planned level of operations for at least the next twelve months. However, estimates of operating expenses and working capital requirements could be incorrect, and the Company could use its cash resources faster than anticipated. Further, some or all of the ongoing or planned activities may not be successful and could result in further losses.

The Company may seek to increase liquidity and capital resources by one or more of the following which may include, but are not limited to: the sale of assets and/or businesses, obtaining financing through the issuance of equity, debt, or convertible securities; and working to increase revenue growth through sales. There is no guarantee that the Company will be able to obtain capital when needed on terms it deems as acceptable, or at all.

Segments

The Company's chief operating decision-maker is its Chief Executive Officer who makes resource allocation decisions and assesses performance based on financial information presented on as operating segments. The Company has identified two operating segments as reportable segments. See Note 18 for more information regarding the Company's reportable segments.

Noncontrolling Interests

The Company recognizes any noncontrolling interest as a separate line item in equity in the consolidated financial statements. A noncontrolling interest represents the portion of equity ownership in a less-than-wholly owned subsidiary not attributable to the Company. Generally, any interest that holds less than 50% of the outstanding voting shares is deemed to be a noncontrolling interest; however, there are other factors, such as decision-making rights, that are considered as well. The Company includes the amount of net income (loss) attributable to noncontrolling interests in consolidated net income (loss) on the face of the consolidated statements of operations.

The Company provides in the consolidated statements of stockholders' equity a reconciliation at the beginning and the end of the period of the carrying amount of total equity, equity attributable to the parent, and equity attributable to the noncontrolling interest that separately discloses:

- (1) net income or loss;
- (2) transactions with owners acting in their capacity as owners, showing separately contributions from and distributions to owners; and
- (3) each component of other income or loss.

Revenue Recognition and Deferred Revenue

The Company recognizes revenue at the time of transfer of promised goods to customers in an amount that reflects the consideration to which the Company expects to be entitled in exchange for those goods or services (see Note 3).

Cost of Sales

Cost of sales includes direct and indirect costs to manufacture formulations and other products sold, including active pharmaceutical ingredients, personnel costs, packaging, storage, royalties, shipping and handling costs and the write-off of obsolete inventory.

Research and Development

The Company expenses all costs related to research and development as they are incurred. Research and development expenses consist of expenses incurred in performing research and development activities, including salaries and benefits, other overhead expenses, and costs related to clinical trials, contract services and outsourced contracts.

Debt Issuance Costs and Debt Discount

Debt issuance costs and the debt discount are recorded net of notes payable and finance lease obligations in the consolidated balance sheets. Amortization expense of debt issuance costs and the debt discount is calculated using the effective interest method over the term of the debt and is recorded in interest expense in the accompanying consolidated statements of operations.

Intellectual Property

The costs of acquiring intellectual property rights to be used in the research and development process, including licensing fees and milestone payments, are charged to research and development expense as incurred in situations where the Company has not identified an alternative future use for the acquired rights, and are capitalized in situations where we have identified an alternative future use for the acquired rights. Patents and trademarks are recorded at cost and capitalized at a time when the future economic benefits of such patents and trademarks become more certain (see "—Goodwill and Intangible Assets" below). The Company began capitalizing certain costs associated with acquiring intellectual property rights during 2015; if costs are not capitalized they are expensed as incurred.

Income Taxes

As part of the process of preparing the Company's consolidated financial statements, the Company must estimate the actual current tax liabilities and assess permanent and temporary differences that result from differing treatment of items for tax and accounting purposes. The temporary differences result in deferred tax assets and liabilities, which are included within the consolidated balance sheets. The Company must assess the likelihood that the deferred tax assets will be recovered from future taxable income and, to the extent the Company believes that recovery is not more likely than not, a valuation allowance must be established which reduces the amount of deferred tax assets recorded on the consolidated balance sheets. To the extent the Company establishes a valuation allowance or increase or decrease this allowance in a period, the impact will be included in income tax expense in the consolidated statement of operations.

The Company accounts for income taxes under the provisions of Financial Accounting Standards Board (the "FASB") Accounting Standards Codification ("ASC") 740, *Income Taxes*. As of December 31, 2019 and 2018, there were no unrecognized tax benefits included in the consolidated balance sheets that would, if recognized, affect the effective tax rate. The Company's practice is to recognize interest and/or penalties related to income tax matters in income tax expense. The Company had no accrual for interest or penalties in its consolidated balance sheets at December 31, 2019 and 2018, and has not recognized interest and/or penalties in the consolidated statements of operations for the years ended December 31, 2019 and 2018. The Company is subject to taxation in the United States, California, Florida, Georgia, Illinois, New Jersey, New York, Tennessee, and Wisconsin. The Company's tax years since 2000 may be subject to examination by the federal and state tax authorities due to the carryforward of unutilized net operating losses.

Cash and Cash Equivalents

Cash equivalents include short-term, highly liquid investments with maturities of three months or less at the time of acquisition.

Concentrations of Credit Risk

The Company places its cash with financial institutions deemed by management to be of high credit quality. The Federal Deposit Insurance Corporation ("FDIC") provides basic deposit coverage with limits up to \$250 per owner. From time to time the Company has cash deposits in excess of FDIC limits.

Investment in Eton Pharmaceuticals, Inc.

In April 2017, the Company formed Eton as a wholly owned subsidiary. In June 2017 the Company lost voting and ownership control of Eton and it ceased consolidating Eton's financial statements. At the time of deconsolidation, the Company recorded a gain of \$5,725 and adjusted the carrying value in Eton to reflect the increased valuation of Eton and the Company's new ownership percent in accordance with ASC 810-10-40-4(c), *Consolidation*. At the time of deconsolidation, the Company used the equity method of accounting as management determined that the Company had the ability to exercise significant influence over the operating and financial decisions of Eton. Under this method, the Company recognized earnings and losses of Eton in its consolidated financial statements and adjusted the carrying amount of its investment in Eton accordingly. During the years ended December 31, 2019 and 2018, the Company recorded equity in net loss of Eton of \$0 and \$3,507, respectively.

In November 2018, Eton closed on an initial public offering of 4,140,000 shares of its common stock at \$6.00 per share for gross proceeds of approximately \$24,800 (the "Eton IPO"). Following the close of the Eton IPO, the Company estimated its common stock position in Eton equaled 19.98% of the equity and voting interests issued and outstanding of Eton, and it ceased using the equity method of accounting for its investment in Eton. The Company recognizes earnings and losses of Eton in its consolidated financial statements based on the fair market value of the shares owned and adjust the carrying amount of the Company's investment in Eton accordingly. Eton's common stock currently trades on the NASDAQ Global Market exchange. At December 31, 2019, the fair market value of Eton's common stock was \$7.20 per share, the closing share price of Eton common stock on that day. In accordance with Accounting Standards Update ("ASU") 2016-01, *Financial Instruments-Overall (Subtopic 825-10): Recognition and Measurement of Financial Assets and Financial Liabilities*, for the year ended December 31, 2019, the Company recorded an investment gain from its Eton common stock position of \$3,780 related to the change in fair market value of the Company's investment in Eton during the measurement period. For the year ended December 31, 2018, the Company recorded an investment gain from its Eton common stock position of \$21,420 related to the change in fair market value of the Company's investment in Eton during the measurement period. As of December 31, 2019, the fair market value of the Company's investment in Eton was \$25,200.

Eton and the Company signed licensing agreements for two products developed by the Company whereby the Company assigned the product rights to Eton. Eton would pay the Company a \$50 milestone payment upon patent issuance for each product and a royalty fee at a rate of six percent on the net sales of those two products. On December 26, 2017, one of the products had its patent issued and a \$50 milestone fee was received by the Company in January 2018. In July 2018, Eton and the Company agreed to cancel the licensing agreement for one of the products and retain the product rights at the Company, in exchange of the Company paying Eton \$50.

On May 6, 2019, the Company entered into an Asset Purchase Agreement (the "CT-100 Asset Purchase Agreement") with Eton. Pursuant to the CT-100 Asset Purchase Agreement, Eton sold all of its right, title and interest in CT-100 back to the Company. Pursuant to the CT-100 Asset Purchase Agreement, the Company will make certain payments to Eton upon the achievement of certain development and commercial milestones. In addition, the Company is required to pay Eton a royalty in the low-single digit percentage range worldwide on a country-by-country basis on net sales for a period of the longer of 15 years from the date of the first commercial sale of a product subject to certain conditions.

Mark L. Baum, the Company's Chief Executive Officer is a member of the Eton board of directors.

Accounts Receivable

Accounts receivable are stated net of allowances for doubtful accounts and contractual adjustments. The accounts receivable balance primarily includes amounts due from customers the Company has invoiced or from third-party providers (e.g., insurance companies and governmental agencies), but for which payment has not been received. Charges to bad debt are based on both historical write-offs and specifically identified receivables. Accounts receivable are presented net of allowances for doubtful accounts and contractual adjustments in the amount of \$76 and \$270 as of December 31, 2019 and 2018, respectively.

Inventories

Inventories are stated at the lower of cost or net realizable value. Cost is determined on a first-in, first-out basis. The Company evaluates the carrying value of inventories on a regular basis, based on the price expected to be obtained for products in their respective markets compared with historical cost. Write-downs of inventories are considered to be permanent reductions in the cost basis of inventories.

The Company also regularly evaluates its inventories for excess quantities and obsolescence (expiration), taking into account such factors as historical and anticipated future sales or use in production compared to quantities on hand and the remaining shelf life of products and active pharmaceutical ingredients on hand. The Company establishes reserves for excess and obsolete inventories as required based on its analyses.

Investment in Melt Pharmaceuticals, Inc.

In April 2018, the Company formed Melt as a wholly owned subsidiary. In January and March of 2019, Melt entered into definitive stock purchase agreements (collectively, the "Melt Series A Preferred Stock Agreement") with certain investors and closed on the purchase and sale of Melt's Series A Preferred Stock (the "Melt Series A Stock"), totaling approximately \$11,400 of proceeds (collectively the "Melt Series A Round") at a purchase price of \$5.00 per share. As a result, the Company lost voting and ownership control of Melt and ceased consolidating Melt's financial statements. In connection with the Melt Series A Preferred Stock Agreement, Melt also entered into a Registration Rights Agreement and agreed to use commercially reasonable efforts to file, or confidentially submit, a registration statement on Form S-1 with the United States Securities and Exchange Commission by September 30, 2020 relating to an initial public offering of its common stock.

At the time of deconsolidation, the Company recorded a gain of \$5,810 and adjusted the carrying value in Melt to reflect the increased valuation of Melt and the Company's new ownership interest in accordance with ASC 810-10-40-4(c), *Consolidation*.

The Company owns 3,500,000 common shares (which is approximately 44% of the equity interest as of December 31, 2019) of Melt and uses the equity method of accounting for this investment, as management has determined that the Company has the ability to exercise significant influence over the operating and financial decisions of Melt. Under this method, the Company recognizes earnings and losses of Melt in its consolidated financial statements and adjusts the carrying amount of its investment in Melt accordingly. The Company's share of earnings and losses are based on the Company's ownership interest of Melt. Any intra-entity profits and losses are eliminated. During the year ended December 31, 2019, the Company recorded equity in net loss of Melt of \$1,842. As of December 31, 2019, the carrying value of the Company's investment in Melt was \$3,968.

See Note 4 for more information and related party disclosure regarding Melt.

Investment in Surface Pharmaceuticals, Inc.

In April 2017, the Company formed Surface as a wholly owned subsidiary. In May and July 2018, Surface entered into and closed on definitive stock purchase agreements with an institutional investor for the purchase of Surface's Series A Preferred Stock (the "Surface Series A Stock") that resulted in total proceeds to Surface of approximately \$21,000. At the time of the first closing in May 2018, the Company lost voting and ownership control of Surface and it ceased consolidating Surface's financial statements. The Surface Series A Stock (i) was issued at a purchase price of \$3.30 per share; (ii) will vote together with the common stock and all other shares of stock of Surface having general voting power; (iii) will be entitled to the number of votes equal to the number of shares of preferred stock held; (iv) will hold liquidation preference over all other equity interests in Surface; and (v) will have mandatory conversion requirements into Surface common stock upon events including an underwritten initial public offering of Surface common stock or similar transaction.

At the time of deconsolidation, the Company recorded a gain of \$5,320 and adjusted the carrying value in Surface to reflect the increased valuation of Surface and the Company's new ownership percent in accordance with ASC 810-10-40-4(c).

The Company owns 3,500,000 common shares (which is approximately 30% of the equity interest as of December 31, 2019, and calculated after the second closing of the sale Series A Preferred Stock in July 2018) of Surface and uses the equity method of accounting for this investment, as management has determined that the Company has the ability to exercise significant influence over the operating and financial decisions of Surface. Under this method, the Company recognizes earnings and losses of Surface in its consolidated financial statements and adjusts the carrying amount of its investment in Surface accordingly. The Company's share of earnings and losses are based on the shares of common stock and in-substance common stock of Surface held by the Company. Any intra-entity profits and losses are eliminated. During the years ended December 31, 2019 and 2018, the Company recorded equity in net loss of Surface of \$1,200 and \$373, respectively. As of December 31, 2019, the carrying value of the Company's investment in Surface was \$3,747.

See Note 5 for more information and related party disclosure regarding Surface.

Property, Plant and Equipment

Property, plant and equipment is stated at cost less accumulated depreciation and amortization. Depreciation and amortization is calculated using the straight-line method over the estimated useful life of the asset. Leasehold improvements and capital lease equipment are amortized over the estimated useful life or remaining lease term, whichever is shorter. Computer software and hardware and furniture and equipment are depreciated over three to five years.

Business Combinations

The Company accounts for business combinations by recognizing the assets acquired, liabilities assumed, contractual contingencies, and contingent consideration at their fair values on the acquisition date. The purchase price allocation process requires management to make significant estimates and assumptions, especially with respect to intangible assets, estimated contingent consideration payments and pre-acquisition contingencies. Examples of critical estimates in valuing certain of the intangible assets the Company has acquired or may acquire in the future include but are not limited to:

- future expected cash flows from product sales, support agreements, consulting contracts, other customer contracts, and acquired developed technologies and patents; and
- discount rates utilized in valuation estimates.

Unanticipated events and circumstances may occur that may affect the accuracy or validity of such assumptions, estimates or actual results. Additionally, any change in the fair value of the acquisition-related contingent consideration subsequent to the acquisition date, including changes from events after the acquisition date, such as changes in our estimates of relevant revenue or other targets, will be recognized in earnings in the period of the estimated fair value change. A change in fair value of the acquisition-related contingent consideration or the occurrence of events that cause results to differ from our estimates or assumptions could have a material effect on the consolidated financial position, statements of operations or cash flows in the period of the change in the estimate.

Goodwill and Intangible Assets

Patents and trademarks are recorded at cost and capitalized at a time when the future economic benefits of such patents and trademarks become more certain. At that time, the Company capitalizes third-party legal costs and filing fees associated with obtaining and prosecuting claims related to its patents and trademarks. Once the patents have been issued, the Company amortizes these costs over the shorter of the legal life of the patent or its estimated economic life, generally 20 years, using the straight-line method. Trademarks are an indefinite life intangible asset and are assessed for impairment based on future projected cash flows as further described below.

The Company reviews its goodwill and indefinite-lived intangible assets for impairment as of January 1 of each year and when an event or a change in circumstances indicates the fair value of a reporting unit may be below its carrying amount. Events or changes in circumstances considered as impairment indicators include but are not limited to the following:

- significant underperformance of the Company's business relative to expected operating results;
- significant adverse economic and industry trends;
- significant decline in the Company's market capitalization for an extended period of time relative to net book value; and
- expectations that a reporting unit will be sold or otherwise disposed.

The goodwill impairment test consists of a two-step process as follows:

Step 1. The Company compares the fair value of each reporting unit to its carrying amount, including the existing goodwill. The fair value of each reporting unit is determined using a discounted cash flow valuation analysis. The carrying amount of each reporting unit is determined by specifically identifying and allocating the assets and liabilities to each reporting unit based on headcount, relative revenues or other methods as deemed appropriate by management. If the carrying amount of a reporting unit exceeds its fair value, an indication exists that the reporting unit's goodwill may be impaired and the Company then performs the second step of the impairment test. If the fair value of a reporting unit exceeds its carrying amount, no further analysis is required.

Step 2. If further analysis is required, the Company compares the implied fair value of the reporting unit's goodwill, determined by allocating the reporting unit's fair value to all of its assets and its liabilities in a manner similar to a purchase price allocation, to its carrying amount. If the carrying amount of the reporting unit's goodwill exceeds its fair value, an impairment loss will be recognized in an amount equal to the excess.

Impairment of Long-Lived Assets

Long-lived assets, such as property, plant and equipment, purchased intangibles subject to amortization and patents and trademarks, are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable. Recoverability of assets to be held and used is measured by a comparison of the carrying amount of an asset to estimated undiscounted future cash flows expected to be generated by the asset. If the carrying amount of an asset exceeds its estimated future cash flows, an impairment charge is recognized in the amount by which the carrying amount of the asset exceeds the fair value of the asset. Assets to be disposed of would be separately presented in the consolidated balance sheet and reported at the lower of the carrying amount or fair value less costs to sell, and are no longer depreciated. The assets and liabilities of a disposal group classified as held-for-sale would be presented separately in the appropriate asset and liability sections of the consolidated balance sheet, if material (See Note 9).

Park Restructuring

In August 2019, the Company's subsidiary, Park Compounding, Inc. ("Park"), and Noice Rx, LLC ("Noice") terminated an Asset Purchase Agreement dated July 26, 2019 (the "Park Purchase Agreement"), between the parties. Under the terms of the Park Purchase Agreement, Park had agreed to sell substantially all its assets associated with its non-ophthalmology pharmaceutical compounding business to Noice, including its pharmacy facility and equipment located in Irvine, California. The closing of the sale transaction was dependent on the California State Board of Pharmacy approving of the sale and issuing a temporary pharmacy and sterile license permit to Noice, which did not occur and led to Park ceasing operations at the close of business on August 27, 2019. As a result, the Company restructured its Park business, ceased operations at its Irvine, California-based pharmacy, and facilitated the transition of certain compounded formulations and related equipment from Park to the Company's New Jersey-based compounded pharmaceutical production facilities (the "Park Restructuring"). As a result of the Park Restructuring, the Company incurred non-cash impairment costs of approximately \$3,781 related to assets held at Park, primarily associated with property, plant, equipment, inventory, goodwill and other intangible assets, and \$480 in one-time costs related to severance packages and other costs associated with the Park Restructuring during the year ended December 31, 2019.

The Company has reduced the Park compounded product formulary to seven base formulations, based on factors including unit order volumes, revenues and gross margin percentages, and ImprimisRx expects to have re-acquired approximately half of Park's historical revenues during the first quarter of 2020.

Fair Value Measurements

Fair value measurements are determined based on the assumptions that market participants would use in pricing an asset or liability. GAAP establishes a hierarchy for inputs used in measuring fair value that maximizes the use of observable inputs and minimizes the use of unobservable inputs by requiring that the most observable inputs be used when available. The established fair value hierarchy prioritizes the use of inputs used in valuation methodologies into the following three levels:

- Level 1: Applies to assets or liabilities for which there are quoted prices (unadjusted) for identical assets or liabilities in active markets. A quoted price in an active market provides the most reliable evidence of fair value and must be used to measure fair value whenever available.
- Level 2: Applies to assets or liabilities for which there are significant other observable inputs other than Level 1 prices, such as quoted prices for similar assets or liabilities; quoted prices in markets that are not active; or other inputs that are observable or can be corroborated by observable market data.
- Level 3: Applies to assets or liabilities for which there are significant unobservable inputs that reflect a reporting entity's own assumptions about the assumptions that market participants would use in pricing an asset or liability. For example, Level 3 inputs would relate to forecasts of future earnings and cash flows used in a discounted future cash flows method.

At December 31, 2019 and 2018, the Company measured its investment in Eton on a recurring basis. The Company's investment in Eton is classified as Level 1 as the fair value is determined using quoted market prices in active markets for the same securities. As of December 31, 2019, the fair market value of the Company's investment in Eton was \$25,200.

The Company's financial instruments included cash and cash equivalents, investment in Eton, accounts receivable, accounts payable and accrued expenses, accrued payroll and related liabilities, deferred revenue and customer deposits, notes payable and operating and finance leases. The carrying amount of these financial instruments, except for notes payable and finance leases, approximates fair value due to the short-term maturities of these instruments. The Company's restricted short-term investments are carried at amortized cost, which approximates fair value. Based on borrowing rates currently available to the Company, the carrying values of the notes payable and operating and finance leases approximate their respective fair values.

Stock-Based Compensation

All stock-based payments to employees, directors and consultants, including grants of stock options, warrants, restricted stock units ("RSUs") and restricted stock, are recognized in the consolidated financial statements based upon their estimated fair values. The Company uses the Black-Scholes-Merton option pricing model and Monte Carlo Simulation to estimate the fair value of stock-based awards. The estimated fair value is determined at the date of grant. The financial statement effect of forfeitures is estimated at the time of grant and revised, if necessary, if the actual effect differs from those estimates.

Basic and Diluted Net Income per Common Share

Basic net income per common share is computed by dividing income attributable to common stockholders for the period by the weighted average number of common shares outstanding during the period. Diluted income per share is computed by dividing the income attributable to common stockholders for the period by the weighted average number of common and common equivalent shares, such as stock options and warrants, outstanding during the period.

Basic and diluted net income per share is computed using the weighted average number of shares of common stock outstanding during the period. Common stock equivalents (using the treasury stock or "if converted" method) from stock options, unvested restricted stock units ("RSUs") and warrants were 4,848,459 and 6,201,355 at December 31, 2019 and 2018, respectively, and are excluded in the calculation of diluted net income per share for the periods presented, because the effect is anti-dilutive for that time period. Included in the basic and diluted net income per share calculation were RSUs awarded to directors that had vested, but the issuance and delivery of the shares are deferred until the director resigns. The number of shares underlying vested RSUs at December 31, 2019 and 2018 was 324,303 and 236,693, respectively.

The following table shows the computation of basic net income per share of common stock for the years ended December 31, 2019 and 2018:

	For the Year Ended December 31, 2019	For the Year Ended December 31, 2018
Numerator – net income	\$ 168	\$ 14,625
Denominator – weighted average number of shares outstanding, basic	25,323,159	21,917,570
Net income per share, basic	\$ 0.01	\$ 0.67

For the years end December 31, 2019 and 2018, the Company computed diluted net income per share using the weighted-average number of common shares and dilutive common equivalent shares outstanding during that period. Diluted common equivalent shares for the years ended December 31, 2019 and 2018, respectively, consisted of the following:

	For the Year Ended December 31, 2019	For the Year Ended December 31, 2018
	Shares	Shares
Diluted shares related to:	25,323,159	21,917,570
Warrants	488,498	1,844,272
Stock options	654,441	50,203
Dilutive common equivalent shares	26,466,098	23,812,045

The following table shows the computation of diluted net income per share using the weighted-average number of common shares and dilutive common equivalent shares outstanding for the years ended December 31, 2019 and 2018:

	For the Year Ended December 31, 2019	For the Year Ended December 31, 2018
Numerator – net income	\$ 168	\$ 14,625
Weighted average number of shares outstanding, basic	25,323,159	21,917,570
Dilutive common equivalents	1,142,939	1,894,475
Denominator – number of shares used for diluted earnings per share computation	26,466,098	23,812,045
Net income per share, diluted	\$ 0.01	\$ 0.61

Recently Adopted Accounting Pronouncements

In February 2016, the FASB issued new lease accounting guidance in ASU 2016-02, *Leases* (Topic 842). This new guidance was initiated as a joint project with the International Accounting Standards Board to simplify lease accounting and improve the quality of and comparability of financial information for users. This new guidance would eliminate the concept of off-balance sheet treatment for “operating leases” for lessees for the vast majority of lease contracts. Under ASU 2016-02, at inception, a lessee must classify all leases with a term of over one year as either finance or operating, with both classifications resulting in the recognition of a defined “right-of-use” asset and a lease liability on the balance sheet. However, recognition in the income statement will differ depending on the lease classification, with finance leases recognizing the amortization of the right-of-use asset separate from the interest on the lease liability and operating leases recognizing a single total lease expense. Lessor accounting under ASU 2016-02 is substantially unchanged from the previous lease requirements under GAAP. ASU 2016-02 took effect for public companies in fiscal years beginning after December 15, 2018, including interim periods within those fiscal years. On January 1, 2019, the Company adopted Topic 842 using the modified retrospective transition method with no impact to stockholders’ equity. As of December 31, 2019, the Company held on its consolidated balance sheet \$6,559 for the right-of-use asset and \$6,967 for the related lease liability related to operating and finance leases. The difference between the right of use asset and related lease liability is predominantly deferred rent and other related lease expenses under the new lease accounting standard. For additional information regarding how the Company is accounting for leases under Topic 842, refer to Note 13.

Recently Issued Accounting Pronouncements

In June 2016, the FASB issued ASU 2016-13, *Financial Instruments-Credit Losses: Measurement of Credit Losses on Financial Instruments*, which requires the measurement and recognition of expected credit losses for financial assets held at amortized cost. ASU 2016-13 replaces the existing incurred loss impairment model with a forward-looking expected credit loss model which will result in earlier recognition of credit losses. The Company will adopt the new standard effective January 1, 2020 and does not expect the adoption of this guidance to have a material impact on its consolidated financial statements.

In January 2017, the FASB issued ASU 2017-04, *Intangibles-Goodwill and Other*. This guidance simplifies the accounting for goodwill impairment for all entities by requiring impairment charges to be based on the first step in the current two-step impairment test under ASC 350. The updated standard eliminates the requirement to calculate a goodwill impairment charge using Step 2. If a reporting unit’s carrying amount exceeds its fair value, an entity will record an impairment charge based on that difference. The impairment charge will be limited to the amount of goodwill allocated to that reporting unit. ASU 2017-04 is effective for reporting periods beginning after December 31, 2019 on a prospective basis, and early adoption is permitted. The Company does not expect ASU 2017-04 to have a material effect on the Company’s financial position, results of operations and cash flows.

In August 2018, the FASB issued ASU 2018-13, *Changes to Disclosure Requirements for Fair Value Measurements*, which improved the effectiveness of disclosure requirements for recurring and nonrecurring fair value measurements. The standard removes, modifies, and adds certain disclosure requirements. The Company will adopt the new standard effective January 1, 2020 and does not expect the adoption of this guidance to have a material impact on its consolidated financial statements.

In December 2019, the FASB issued ASU 2019-12, *Income Taxes: Simplifying the Accounting for Income Taxes*, which simplifies the accounting for income taxes. This guidance will be effective for the Company in the first quarter of 2021 on a prospective basis, and early adoption is permitted. The Company is currently evaluating the impact of the new guidance on its consolidated financial statements.

NOTE 3. REVENUES

On January 1, 2018, the Company adopted ASU 2014-09, using the modified retrospective transition method. There was no effect for any adjustments to retained earnings upon adoption of the standard on January 1, 2018. The Company has two primary streams of revenue: (1) revenue recognized from our sale of products within our pharmacy services and (2) revenue recognized from intellectual property license and asset purchase agreements.

Product Revenues from Pharmacy Services

The Company sells prescription drugs directly through our pharmacy and outsourcing facility network. Revenue from our pharmacy services divisions includes: (i) the portion of the price the client pays directly to us, net of any volume-related or other discounts paid back to the client, (ii) the price paid to us by individuals, and (iii) customer copayments made directly to the pharmacy network. Sales taxes are not included in revenue. Following the core principle of ASU 2014-09, we have identified the following:

1. Identify the contract(s) with a customer: A contract exists with a customer at the time the prescription or order is received by the Company.
2. Identify the performance obligations in the contract: The order received contains the performance obligations to be met, in almost all cases the product the customer is wishing to receive. If we are unable to be meet the performance obligation the customer is notified.
3. Determine the transaction price: the transaction price is based on the product being sold to the customer, and any related customer discounts. These amounts are pre-determined and built into our order management software.
4. Allocate the transaction price to the performance obligations in the contract: The transaction price associated with the product(s) being ordered is allocated according to the pre-determined amounts.
5. Recognize revenue when (or as) the entity satisfies a performance obligation: At the time of shipment from the pharmacy or outsourcing facility the performance obligation has been met.

The following revenue recognition policy has been established for the pharmacy services division:

Revenues generated from prescription or office use drugs sold by our pharmacies and outsourcing facility are recognized when the prescription is shipped. At the time of shipment, the pharmacy services division has performed substantially all of its obligations under its client contracts and does not experience a significant level of returns or reshipments. Determination of criteria (3) and (4) is based on management's judgments regarding the fixed nature of the selling prices of the products delivered and the collectability of those amounts. The Company records reductions to revenue for discounts at the time of the initial sale. Estimated returns and allowances and other adjustments are provided for in the same period during which the related sales are recorded and are based on actual returns history. The rate of returns is analyzed annually to determine historical returns experience. If the historical data we use to calculate these estimates do not properly reflect future returns, then a change in the allowance would be made in the period in which such a determination is made and revenues in that period could be materially affected. The Company will defer any revenues received for a product that has not been delivered or is subject to refund until such time that the Company and the customer jointly determine that the product has been delivered and no refund will be required.

Intellectual Property License Revenues

The Company currently holds four intellectual property license and related agreements in which the Company has promised to grant a license or sale which provides a customer with the right to access the Company's intellectual property. License arrangements may consist of non-refundable upfront license fees, data transfer fees, research reimbursement payments, exclusive license rights to patented or patent pending compounds, technology access fees, and various performance or sales milestones. These arrangements can be multiple-element arrangements, the revenue of which is recognized at the point of time the performance obligation is met.

Non-refundable fees that are not contingent on any future performance by the Company and require no consequential continuing involvement on the part of the Company are recognized as revenue when the license term commences and the licensed data, technology, compounded drug preparation and/or other deliverable is delivered. Such deliverables may include physical quantities of compounded drug preparations, design of the compounded drug preparations and structure-activity relationships, the conceptual framework and mechanism of action, and rights to the patents or patent applications for such compounded drug preparations. The Company defers recognition of non-refundable fees if it has continuing performance obligations without which the technology, right, product or service conveyed in conjunction with the non-refundable fee has no utility to the licensee and that are separate and independent of the Company's performance under the other elements of the arrangement. In addition, if the Company's continued involvement is required, through research and development services that are related to its proprietary know-how and expertise of the delivered technology or can only be performed by the Company, then such non-refundable fees are deferred and recognized over the period of continuing involvement. Guaranteed minimum annual royalties are recognized on a straight-line basis over the applicable term.

Revenue disaggregated by revenue source for the years ended December 31, 2019 and 2018, consists of the following:

	For the year ended	
	December 31,	
	2019	2018
Product sales, net	\$ 51,137	\$ 41,334
License revenues	28	38
Total revenues	\$ 51,165	\$ 41,372

Deferred revenue and customer deposits at December 31, 2019 and 2018, were \$57 and \$119, respectively. All deferred revenue and customer deposit amounts at December 31, 2018 were recognized as revenue during the year ended December 31, 2019.

NOTE 4. INVESTMENT IN MELT PHARMACEUTICALS, INC. AND AGREEMENTS - RELATED PARTY TRANSACTIONS

In December 2018, the Company entered into an asset purchase agreement with Melt (the "Melt Asset Purchase Agreement"). Pursuant to the terms of the Melt Asset Purchase Agreement, Melt was assigned certain intellectual property and related rights from the Company to develop, formulate, make, sell, and sublicense certain Company conscious sedation and analgesia related formulations (collectively, the "Melt Products"). Under the terms of the Melt Asset Purchase Agreement, Melt is required to make royalty payments to the Company of 5% of net sales of the Melt Products while any patent rights remain outstanding, as well as other conditions. In January and March 2019, the Company entered into the Melt Series A Preferred Stock Agreement, see also Note 2, under the subheading *Investment in Melt Pharmaceuticals, Inc.*

In February 2019, the Company and Melt entered into a Management Services Agreement (the "Melt MSA"), whereby the Company provides to Melt certain administrative services and support, including bookkeeping, web services and human resources related activities, and Melt pays the Company a monthly amount of \$10.

As of December 31, 2019, the Company was due \$722 from Melt for reimbursable expenses and amounts due under the Melt MSA and included in prepaid expenses and other current assets on the accompanying consolidated balance sheets. During the year ended December 31, 2019, Melt paid the Company \$50.

The Company's Chief Executive Officer, Mark L. Baum, and Chief Medical Officer, Larry Dillaha, are members of the Melt board of directors, and several employees of the Company (including Mr. Baum, Mr. Dillaha and the Company's Chief Financial Officer, Andrew Boll) entered into consulting agreements and provide consulting services to Melt.

The unaudited condensed results of operations information of Melt is summarized below:

	For the	
	Year Ended	
	December 31, 2019	
Revenues, net	\$	-
Loss from operations		4,169
Net loss	\$	(4,169)

The unaudited condensed balance sheet information of Melt is summarized below:

	December 31, 2019	
Current assets	\$	7,440
Non current assets		13
Total assets	\$	7,453
Total liabilities	\$	1,656
Total preferred stock and stockholders' equity		5,797
Total liabilities and stockholders' equity	\$	7,453

NOTE 5. INVESTMENT IN SURFACE PHARMACEUTICALS, INC. AND AGREEMENTS - RELATED PARTY TRANSACTIONS

In 2017 and amended in April 2018, the Company entered into two asset purchase and license agreements (the "Surface License Agreements") with its previously wholly owned subsidiary, Surface. Pursuant to the terms of the Surface License Agreements, the Company assigned and licensed to Surface certain intellectual property and related rights associated with Surface's drug candidates (collectively, the "Surface Products"). Surface is required to make royalty payments to the Company of four to six percent (4%-6%) of net sales of the Surface Products while any patent rights remain outstanding. Certain of the Surface License Agreements were conditioned upon Surface receiving net proceeds of the sale of its equity securities of not less than \$10,000, which occurred in May 2018. See also Note 2, under the subheading *Investment in Surface Pharmaceuticals, Inc.*

In January 2018, the Company and Surface entered into an amended Management Services Agreement (the "MSA"), whereby the Company provided to Surface certain administrative services and support, including bookkeeping, web services and human resources related activities, and Surface paid the Company a monthly amount of \$10. The MSA was terminated effective July 31, 2018.

During the year ended December 31, 2019, the Company was paid \$50 from Surface for amounts due under the Surface MSA. There are no amounts due from Surface to the Company as of December 31, 2019.

As of December 31, 2019, the Company owned 3,500,000 shares of Surface common stock (approximately 30% of the issued and outstanding equity interests). A Company director, Richard L. Lindstrom, and the Company's Chief Executive Officer, Mark L. Baum, are directors of Surface. In addition, the Company's Chief Financial Officer, Andrew R. Boll, was a director of Surface and resigned as a director of Surface concurrent with the sale of the Surface Series A Stock. Several employees and a director of the Company (including Mr. Baum, Dr. Lindstrom and Mr. Boll) entered into consulting agreements and provided consulting services to Surface. Surface is required to make royalty payments to Dr. Lindstrom of 3% of net sales of certain Surface products while certain patent rights remain outstanding. Dr. Lindstrom is also a principal of Flying L Partners, an affiliate of the funding investor who purchased the Surface Series A Stock.

The unaudited condensed results of operations information of Surface is summarized below:

	For the Year Ended December 31, 2019	For the Year Ended December 31, 2018
Revenues, net	\$ -	\$ -
Loss from operations	4,000	1,370
Net loss	\$ (4,000)	\$ (1,370)

The unaudited condensed balance sheet information of Surface is summarized below:

	At December 31, 2019	At December 31, 2018
Current assets	\$ 15,942	\$ 19,699
Non current assets	47	50
Total assets	15,989	19,749
Total liabilities	619	165
Total stockholders equity	15,370	19,584
Total liabilities and stockholders' equity	\$ 15,989	\$ 19,749

NOTE 6. RESTRICTED CASH

The restricted cash at December 31, 2019 and 2018 consisted of funds held in a money market account. At December 31, 2019 and 2018, the restricted cash was recorded at amortized cost, which approximates fair value.

At December 31, 2019 and 2018, the funds held in a money market account of \$200 were classified as a current asset. The money market account funds are required as collateral as additional security for the Company's New Jersey facility lease.

NOTE 7. INVENTORIES

Inventories are comprised of finished compounded formulations, over-the-counter and prescription retail pharmacy products, commercial pharmaceutical products, related laboratory supplies and active pharmaceutical ingredients. The composition of inventories as of December 31, 2019 and 2018 was as follows:

	December 31, 2019	December 31, 2018
Raw materials	\$ 2,405	\$ 1,119
Work in progress	20	6
Finished goods	876	709
Total inventories	<u>\$ 3,301</u>	<u>\$ 1,834</u>

NOTE 8. PREPAID EXPENSES AND OTHER CURRENT ASSETS

Prepaid expenses and other current assets consisted of the following:

	December 31, 2019	December 31, 2018
Prepaid insurance	\$ 123	\$ 328
Other prepaid expenses	358	334
Receivable due from Surface	-	50
Receivable due from Melt	722	-
Deposits and other current assets	105	125
Total prepaid expenses and other current assets	<u>\$ 1,308</u>	<u>\$ 837</u>

NOTE 9. PROPERTY, PLANT AND EQUIPMENT

Property, plant and equipment at December 31, 2019 and 2018 consisted of the following:

	December 31, 2019	December 31, 2018
Property, plant and equipment, net:		
Computer software and hardware	\$ 1,732	\$ 1,662
Furniture and equipment	363	397
Lab and pharmacy equipment	3,164	3,184
Leasehold improvements	5,510	5,496
	10,769	10,739
Accumulated depreciation and amortization	<u>(5,394)</u>	<u>(4,364)</u>
	<u>\$ 5,375</u>	<u>\$ 6,375</u>

The Company recorded depreciation and amortization expense of \$1,936 and \$1,608 during the years ended December 31, 2019 and 2018, respectively.

NOTE 10. INTANGIBLE ASSETS AND GOODWILL

The Company's intangible assets at December 31, 2019 consisted of the following:

	Amortization periods (in years)	Cost	Accumulated amortization	Impairment	Net Carrying value
Patents	17-19 years	\$ 1,102	\$ (97)	\$ (259)	\$ 746
Licenses	20 years	50	(5)	-	45
Trademarks	Indefinite	340	-	-	340
Customer relationships	3-15 years	3,000	(1,165)	(630)	1,205
Trade name	5 years	16	(14)	(2)	-
Non-competition clause	3-4 years	294	(274)	(20)	-
State pharmacy licenses	25 years	45	(9)	(35)	1
		<u>\$ 4,847</u>	<u>\$ (1,564)</u>	<u>\$ (946)</u>	<u>\$ 2,337</u>

During the year ended December 31, 2019 the Company incurred impairment charges of \$612 related to intangible assets, including customer relationships, trade name, and state pharmacy licenses as a part of the Park Restructuring and \$259 of impairment charges related to patents associated with the termination of an asset agreement.

Amortization expense for intangible assets for the year ended December 31 was as follows:

	For the Year Ended December 31, 2019	For the Year Ended December 31, 2018
Patents	\$ 48	\$ 28
Licenses	5	-
Customer relationships	151	201
Trade name	1	4
Non-competition clause	-	1
State pharmacy licenses	4	2
	<u>\$ 209</u>	<u>\$ 235</u>

Estimated future amortization expense for the Company's intangible assets at December 31, 2019 is as follows:

<u>Years ending December 31,</u>	
2020	\$ 187
2021	187
2022	187
2023	187
2024	159
Thereafter	1,430
	<u>\$ 2,337</u>

Changes in the carrying value of the Company's goodwill during the year ended December 31, 2019 were:

Balance at December 31, 2018	\$ 2,227
Impairment of Park goodwill (see Note 2)	(1,895)
Balance at December 31, 2019	<u>\$ 332</u>

NOTE 11. ACCOUNTS PAYABLE AND ACCRUED EXPENSES

Accounts payable and accrued expenses at December 31, 2019 and 2018 consisted of the following:

	<u>December 31, 2019</u>	<u>December 31, 2018</u>
Accounts payable	\$ 7,409	\$ 4,966
Other accrued expenses	49	640
Deferred rent	-	388
Accrued interest (see Note 12)	244	256
Accrued exit fee for note payable (see Note 12)	800	800
Total accounts payable and accrued expenses	8,502	7,050
Less: Current portion	(7,702)	(6,250)
Non-current total accrued expenses	<u>\$ 800</u>	<u>\$ 800</u>

NOTE 12. DEBT

SWK Senior Note – 2017

In July 2017, the Company entered into a term loan and security agreement in the principal amount of \$16,000 (the “SWK Loan Agreement” or “SWK Loan”) with SWK Funding LLC and its partners (“SWK”), as lender and collateral agent. The SWK Loan Agreement was fully funded at closing with a five-year term, however, such term could be reduced to four years if certain revenue requirements are not achieved. The SWK Loan is secured by nearly all of the Company’s assets, including its intellectual property rights.

Prior to the loan refinance in May 2019 (see below), the SWK Loan was bearing interest at a variable rate equal to the three-month London Inter-Bank Offered Rate (subject to a minimum of 1.50% and maximum of 3.00%), plus an applicable margin of 10.50%. The SWK Loan Agreement permitted the Company to pay interest only on the principal amount loaned thereunder for the first six payments (payments are due on a quarterly basis), which interest-only period could have been reduced to four payments if the Company had not met certain minimum revenue requirements. Following the interest-only period, the Company was required to pay interest, plus repayments of the principal amount loaned under the SWK Loan Agreement, in quarterly payments, which shall not exceed \$750 per quarter. All amounts owed under the SWK Loan Agreement, including a final fee equal to 5% of the aggregate principal amount loaned thereunder, were previously due and payable on July 19, 2022. The Company is obligated under the SWK Loan Agreement to pay for certain expenses incurred by the SWK Lender through and after the date of the SWK Loan Agreement, including certain fees and expenses relating to the preparation and administration of the SWK Loan Agreement. The Company incurred expenses and final fee of approximately \$1,282 in connection with the SWK Loan Agreement. The final fee and expenses are being amortized as interest expense over the term of the SWK Loan using the effective interest rate method and the related liability of \$800 for the final fee is included in accrued expenses (see Note 11) in the accompanying consolidated balance sheets as of December 31, 2019 and 2018.

In connection with the SWK Loan Agreement, the Company issued to SWK warrants to purchase up to 415,586 shares of the Company’s common stock (the “Lender Warrants”) with an exercise price of \$3.08. In August 2017, the Company and SWK amended the warrants, to allow for the purchase up to 615,386 warrants with an exercise price of \$2.08. The Lender Warrants are exercisable immediately, and have a term of 7 years. The Lender Warrants are subject to a cashless exercise feature, with the exercise price and number of shares issuable upon exercise subject to change in connection with stock splits, dividends, reclassifications and other conditions. The relative fair value of the Lender Warrants was approximately \$982 and was estimated using the Black-Scholes-Merton option pricing model with the following assumptions: fair value of the Company’s common stock at issuance of \$2.08 per share; seven-year contractual term; 113.5% volatility; 0% dividend rate; and a risk-free interest rate of 1.77%.

SWK Refinance – May 2019

In May 2019, the Company entered into a joinder and amendment (the “Amendment”) to the SWK Loan and SWK, as lender and collateral agent. A summary of the material changes contained in the Amendment are as follows:

- The interest rate calculation that the loan bears is now equal to the three-month London Inter-Bank Offered Rate (subject to a minimum of 2.00%), plus an applicable margin of 10.00% (the “Margin Rate”); provided that, if, two days prior to a payment date, the Company provides SWK evidence that the Company has achieved a leverage ratio as of such date of less than 4.00:1.00, the Margin Rate shall equal 9.00%; and if the Company has achieved a leverage ratio as of such date of less than 3.00:1.00, the Margin Rate shall equal 7.00%;
- Leverage ratio in the Amendment means, as of any date of determination, the ratio of: (a) indebtedness as of such date to (b) EBITDA (as defined in the SWK Loan), of the Company for the immediately preceding twelve (12) month period, adding-back (i) actual litigation expenses for the immediately preceding twelve (12) month period, minus (ii) actual litigation expenses for the immediately preceding three (3) month period multiplied by four (4);
- The definition of the first amortization date was changed to May 14, 2020, permitting the Company to pay interest only on the principal amount loaned for the next four payments (payments are due on a quarterly basis) following the Amendment; and
- Subject to the satisfaction of certain revenue and market capitalization requirements and conditions, SWK agreed to make available to the Company an additional principal amount of up to \$5,000.

In addition to the terms described above, the Amendment joined the Company's recently created subsidiaries to the SWK Loan and added definitions related to excluded subsidiaries that are not considered co-borrowers and are subsidiaries of the Company which the Company believes it will eventually deconsolidate from its financials and lose 50% or more of the equity interests of the subsidiary.

Related to the Amendment, the Company incurred expenses related to legal and lender costs of \$282 that are included in debt discount and will be amortized over the term of the SWK Loan.

At December 31, 2019, future minimum payments under the Company's note payable were as follows:

	Amount
2020	\$ 3,703
2021	4,121
2022	3,828
2023	7,573
Total minimum payments	19,225
Less: amount representing interest	(3,975)
Notes payable, gross	15,250
Less: unamortized discount	(1,259)
	13,991
Less: current portion, net of unamortized discount	(1,772)
Note payable, net of current portion and unamortized debt discount	\$ 12,219

For the years ended December 31, 2019 and 2018, debt discount amortization related to the note payable was \$495 and \$520, respectively.

NOTE 13. LEASES

The Company adopted Topic 842 on January 1, 2019. Topic 842 allows the Company to elect a package of practical expedients, which include: (i) an entity need not reassess whether any expired or existing contracts are or contain leases; (ii) an entity need not reassess the lease classification for any expired or existing leases; and (iii) an entity need not reassess any initial direct costs for any existing leases. Another practical expedient allows the Company to use hindsight in determining the lease term when considering lessee options to extend or terminate the lease and to purchase the underlying asset. The Company has elected to utilize the package of practical expedients and has not elected the hindsight methodology in its implementation of Topic 842.

The Company elected to adopt this standard using the modified retrospective transition method and recognized a cumulative-effect adjustment to the consolidated balance sheet on the date of adoption. Comparative periods have not been restated. With the adoption of Topic 842, the Company's consolidated balance sheet now contains the following line items: Right-of-use assets, Operating lease liabilities—short-term and Operating lease liabilities—long-term.

The Company determined that it held the following significant operating leases of office and laboratory space as of December 31, 2019 (square footage is not described in thousands):

- An operating lease for 10,200 square feet of office space in San Diego, California that expires in December 2021, with an option to extend the term for a five-year period;
- An operating lease for 4,500 square feet of office and lab space in Irvine, California that expires in December 2020, with an option to extend the term for up to two five-year periods. As part of the Park Restructuring, the Company assessed its obligations under this lease. As of the date of this Annual Report, the Company expects to sublease this space and has determined that there is a practical ability to do so, and as a result did not recognize any impairment costs related to this lease and the Company's right-to-use asset;
- An operating lease for 25,000 square feet of lab, warehouse and office space in Ledgewood, New Jersey that expires in July 2024, with an option to extend the term for two additional five-year periods; and
- An operating lease for 5,500 square feet of office space in Nashville, Tennessee that expires in December 2024, with an option to extend the term for two additional five-year periods.

The extensions within the San Diego, California and Ledgewood, New Jersey operating lease agreements were included within the Company's calculation of the new lease standard as the Company is reasonably certain it will exercise its option to extend these leases. The extensions within the Nashville lease were not included within the Company's calculation of the new lease standards as the Company is not reasonably certain it will exercise its option to extend that lease. The Company has elected to not recognize right-of-use assets and lease liabilities arising from short-term leases, which are leases that, at the commencement date, have a lease term of 12 months or less and do not include an option to purchase the underlying asset that the lessee is reasonably certain to exercise.

The previously classified capital leases are now classified as finance leases under the new standard. The Company has determined that the identified finance leases did not contain non-lease components and require no further allocation of the total lease cost. The Company has determined that the identified operating leases did contain non-lease components and elected an accounting policy to combine non-lease and lease components to determine the total lease cost. Additionally, the operating agreements in place did not contain information to determine the rate implicit in the leases. As such, the Company calculated the incremental borrowing rate based on the assumed remaining lease term for each lease in order to calculate the present value of the remaining lease payments. At December 31, 2019, the weighted average incremental borrowing rate and the weighted average remaining lease term for the operating leases held by the Company were 6.3% and 10.21 years, respectively.

Upon adoption of Topic 842, the Company recorded a \$6,325 increase in operating lease right-of-use assets, a \$388 decrease in accounts payable and accrued expenses and a \$6,712 increase in operating lease liability. The Company did not record any cumulative effect adjustments to opening stockholders' equity. In October 2019 the Company signed a new operating lease for 5,500 square feet of office space in Nashville, Tennessee. Upon the execution of the lease, the Company recorded a \$753 increase in operating lease right-of-use assets and operating lease liability. As of December 31, 2019, right-of-use assets and liabilities arising from operating leases were \$6,559 and \$6,967, respectively. During the year ended December 31, 2019, cash paid for amounts included for the operating lease liabilities totaled \$905 and the Company recorded operating lease expense of \$892 included in selling, general and administrative expenses, respectively.

Future lease payments under operating leases as of December 31, 2019 were as follows :

	Operating Leases
2020	\$ 1,095
2021	978
2022	998
2023	1,023
2024	1,023
Thereafter	4,465
Total minimum lease payments	9,582
Less: amount representing interest payments	(2,615)
Total operating lease liabilities	6,967
Less: current portion, operating lease liabilities	(629)
Operating lease liabilities, net of current portion	\$ 6,338

The Company also has one additional finance lease that is included in its lease accounting but is not considered significant.

Future lease payments under non-cancelable finance leases as of December 31, 2019 were as follows :

	Finance Lease
2020	\$ 9
2021	9
2022	9
2023	9
2024	1
Total minimum lease payments	37
Less: amount representing interest payments	(4)
Present value of future minimum lease payments	33
Less: current portion, finance lease obligation	(7)
Finance lease obligation, net of current portion	\$ 26

At December 31, 2019, the weighted average incremental borrowing rate and the weighted average remaining lease term for the finance leases held by the Company were 6.36% and 4.08 years, respectively.

For the year ended December 31, 2019, debt discount amortization related to a finance lease obligation was \$17, and included in interest expense, net.

For the year ended December 31, 2019, depreciation expense related to the equipment held under the finance lease obligations was \$150.

For the year ended December, 2019, cash paid and expense recognized for interest expense related to finance lease obligations was \$18.

Future minimum lease payments under operating leases and future minimum capital lease payments as of December 31, 2018 were as follows:

	Capital Leases	Operating Leases
2019	\$ 751	\$ 797
2020	-	857
2021	-	742
2022	-	320
2023	-	330
Thereafter	-	196
	\$ 751	\$ 3,242
Less: Amounts representing interest	(15)	
Less: Amounts representing unamortized discount	(16)	
Total obligation under capital leases	720	
Less: Current portion of capital leases	(720)	
Long term capital lease obligation	\$ -	

NOTE 14. STOCKHOLDERS' EQUITY AND STOCK-BASED COMPENSATION

Common Stock

At December 31, 2019 and 2018, the Company had 50,000,000 shares of common stock, \$0.001 par value, authorized, respectively. On July 10, 2018, the Company amended its amended and restated certificate of incorporation to reduce the number of authorized shares of common stock from 90,000,000 to 50,000,000.

Issuances During the Year Ended December 31, 2018

In January 2018, the Company issued 25,273 shares of its restricted common stock, with a fair value of \$44, in lieu of a cash payment for accrued royalty expenses.

RSUs granted in February 2015 to Andrew R. Boll, the Company's Chief Financial Officer, vested, and in February 2018, 30,000 shares the Company's common stock were issued to Mr. Boll.

RSUs granted in February 2015 to John P. Saharek, the President of ImprimisRx (formerly, the Company's Chief Commercial Officer), vested, and in February 2018, 30,000 shares of the Company's common stock were issued to Mr. Saharek.

In March 2018, the Company issued 35,427 shares of its restricted common stock, with a fair value of \$64, in lieu of a cash payment for accrued royalty expenses.

In December 2018, the Company issued 15,000 shares of its restricted common stock, with a fair value of \$42, related to a milestone payment due under a sales and marketing agreement.

The Company sold 305,619 shares of common stock and received net proceeds of \$642, after deducting \$20 for sales commission and offering expenses, under the Sales Agreement during the year ended December 31, 2018. In November 2018, the Company terminated the Sales Agreement.

During the year ended December 31, 2018, the Company issued 2,364,889 shares of its common stock related to the exercise of common stock warrants with an exercise price of \$1.79, and received net proceeds of \$4,233.

During the year ended December 31, 2018, the Company issued 910,273 shares of its common stock related to the cashless exercise of 1,576,665 common stock warrants with an exercise price of \$1.79.

During the year ended December 31, 2018, 99,626 shares of the Company's common stock underlying RSUs issued to directors vested, but the issuance and delivery of these shares are deferred until the director resigns.

Issuances During the Year Ended December 31, 2019

In March 2019, the Company issued 15,000 shares of its restricted common stock, with a fair value of \$75, as consideration for commission expenses incurred during the year ended December 31, 2018.

During the year ended December 31, 2019, the Company issued 27,671 shares of its common stock upon the cashless exercise of 82,929 options to purchase common stock, with exercise prices ranging from \$1.70 to \$4.17 per share, net of 8,806 shares of common stock withheld for payroll tax withholdings totaling \$50.

During the year ended December 31, 2019, the Company issued 2,122 shares of its common stock upon the exercise of 2,122 options to purchase common stock, with exercise prices ranging from \$1.70 to \$3.20 per share, and received net proceeds of \$6.

During the year ended December 31, 2019, the Company issued 688,473 shares of its common stock upon the cashless exercise of 964,532 warrants to purchase common stock with an exercise price of \$1.79 per share.

During the year ended December 31, 2019, the Company issued 454,055 shares of its common stock upon the exercise of 454,055 warrants to purchase common stock with an exercise price of \$1.79 per share, and received net proceeds of \$813.

During the year ended December 31, 2019, 87,610 shares of the Company's common stock underlying RSUs issued to directors vested, but the issuance and delivery of these shares are deferred until the director resigns.

Preferred Stock

At December 31, 2019 and 2018, the Company had 5,000,000 shares of preferred stock, \$0.001 par value, authorized and no shares of preferred stock issued and outstanding.

Stock Option Plan

On September 17, 2007, the Company's Board of Directors and stockholders adopted the Company's 2007 Incentive Stock and Awards Plan, which was subsequently amended on November 5, 2008, February 26, 2012, July 18, 2012, May 2, 2013 and September 27, 2013 (as amended, the "2007 Plan"). The 2007 Plan reached its term in September 2017, and we can no longer issue additional awards under this plan, however, options previously issued under the 2007 Plan will remain outstanding until they are exercised, reach their maturity or are otherwise cancelled/forfeited. On June 13, 2017, the Company's Board of Directors and stockholders adopted the Company's 2017 Incentive Stock and Awards Plan (the "2017 Plan" together with the 2007 Plan, the "Plans"). As of December 31, 2019, the 2017 Plan provides for the issuance of a maximum of 2,000,000 shares of the Company's common stock. The purpose of the Plans are to attract and retain directors, officers, consultants, advisors and employees whose services are considered valuable, to encourage a sense of proprietorship and to stimulate an active interest of such persons in the Company's development and financial success. Under the Plans, the Company is authorized to issue incentive stock options intended to qualify under Section 422 of the Internal Revenue Code, non-qualified stock options, restricted stock units and restricted stock. The Plans are administered by the Compensation Committee of the Company's Board of Directors. The Company had 1,004,656 shares available for future issuances under the 2017 Plan at December 31, 2019.

Stock Options

A summary of stock option activity under the Plan for the year ended December 31, 2019 is as follows:

	Number of shares	Weighted Avg. Exercise Price	Weighted Avg. Remaining Contractual Life	Aggregate Intrinsic Value
Options outstanding - January 1, 2019	2,482,009	\$ 5.09		
Options granted	362,000	\$ 6.19		
Options exercised	(85,051)	\$ 3.56		
Options cancelled/forfeit	(102,275)	\$ 4.67		
Options outstanding - December 31, 2019	2,656,683	\$ 5.31	5.05	\$ 7,011
Options exercisable	1,603,530	\$ 4.57	5.72	\$ 5,552
Options vested and expected to vest	2,558,998	\$ 5.26	5.10	\$ 6,911

The aggregate intrinsic value in the table above represents the total pre-tax amount of the proceeds, net of exercise price, which would have been received by option holders if all option holders had exercised and immediately sold all options with an exercise price lower than the market price on December 31, 2019, based on the closing price of the Company's common stock of \$7.78 on that date.

The intrinsic value of the options exercised in 2019 was \$246.

During 2019 and 2018, the Company granted stock options to certain employees, directors and consultants. The stock options were granted with an exercise price equal to the current market price of the Company's common stock, as reported by the securities exchange on which the common stock was then listed, at the grant date and have contractual terms ranging from five to ten years. Vesting terms for options granted in 2019 and 2018 to employees and consultants typically included one of the following vesting schedules: 25% of the shares subject to the option vest and become exercisable on the first anniversary of the grant date and the remaining 75% of the shares subject to the option vest and become exercisable quarterly in equal installments thereafter over three years; quarterly vesting over three years; and 90% of the shares subject to the option vest and become exercisable on the second month after the grant date and the remaining 10% of the shares subject to the option vest and become exercisable quarterly in equal installments thereafter over the next 11 months. Certain option awards provide for accelerated vesting if there is a change in control (as defined in the Plan) and in the event of certain modifications to the option award agreement.

The fair value of each option award is estimated on the date of grant using the Black-Scholes-Merton option pricing model. Beginning on April 1, 2018, the Company began calculating expected volatility based solely on the historical volatilities of the common stock of the Company. In the past, the expected volatility was based on the historical volatilities of the common stock of the Company and comparable publicly traded companies, the Company previously utilized this methodology based on its estimate that it had limited relevant historical data regarding the volatility of its stock price on which to base a meaningful estimate of expected volatility. The expected volatility is based on the historical volatilities of the common stock of the Company and comparable publicly traded companies based on the Company's belief that it currently has limited relevant historical data regarding the volatility of its stock price on which to base a meaningful estimate of expected volatility. The expected term of options granted was determined in accordance with the "simplified approach," as the Company has limited, relevant, historical data on employee exercises and post-vesting employment termination behavior. The expected risk-free interest rate is based on the U.S. Treasury yield for a period consistent with the expected term of the option in effect at the time of the grant. The financial statement effect of forfeitures is estimated at the time of grant and revised, if necessary, if the actual effect differs from those estimates. For option grants to employees and directors, the Company assigns a forfeiture factor of 10%. These factors could change in the future, which would affect the determination of stock-based compensation expense in future periods. Utilizing these assumptions, the fair value is determined at the date of grant.

The table below illustrates the fair value per share determined using the Black-Scholes-Merton option pricing model with the following assumptions used for valuing options granted to employees:

	2019	2018
Weighted-average fair value of options granted	\$ 3.72	\$ 1.42
Expected terms (in years)	5.07 - 7.00	5.77 - 6.11
Expected volatility	64 - 78%	76 - 126%
Risk-free interest rate	1.83 - 2.68%	2.05 - 3.00%
Dividend yield	-	-

The following table summarizes information about stock options outstanding and exercisable at December 31, 2019:

Range of Exercise Prices	Number Outstanding	Weighted Average Remaining Contractual Life in Years	Weighted Average Exercise Price	Number Exercisable	Weighted Average Exercise Price
\$1.47 - \$2.60	781,940	6.66	\$ 2.05	619,016	\$ 2.10
\$3.04 - \$4.50	458,622	6.09	\$ 3.96	440,124	\$ 3.98
\$5.49 - \$6.36	440,350	7.91	\$ 6.15	178,619	\$ 6.08
\$6.64 - \$8.99	970,741	1.99	\$ 8.01	360,741	\$ 8.24
\$42.80	5,030	0.62	\$ 42.80	5,030	\$ 42.80
\$1.47 - \$42.80	<u>2,656,683</u>	5.05	\$ 5.31	<u>1,603,530</u>	\$ 4.57

As of December 31, 2019, there was approximately \$3,848 of total unrecognized compensation expense related to unvested stock options granted under the Plan. That expense is expected to be recognized over the weighted-average remaining vesting period of 1.37 years. The stock-based compensation for all stock options was \$889 and \$1,317 during the years ended December 31, 2019 and 2018, respectively.

Restricted Stock Units

RSU awards are granted subject to certain vesting requirements and other restrictions, including performance and market based vesting criteria. The grant-date fair value of the RSUs, which has been determined based upon the market value of the Company's common stock on the grant date, is expensed over the vesting period of the RSUs. Unvested portions of RSUs issued to consultants are remeasured on an interim basis until vesting criteria is met.

Grants During the Year Ended December 31, 2018

During the year ended December 31, 2018, the Company granted an aggregate of 136,360 RSUs to its non-employee directors valued at \$300. These RSUs vest in equal quarterly installments over a one-year period subject to the director's continued service at the vesting date, but the issuance and delivery of these shares are deferred until the director resigns.

A summary of the Company's RSU activity and related information for the year ended December 31, 2018 is as follows:

	Number of RSUs	Weighted Average Grant Date Fair Value
RSUs unvested - January 1, 2018	1,298,946	\$ 2.42
RSUs granted	136,360	\$ 2.20
RSUs vested	(159,626)	\$ 3.94
RSUs cancelled/forfeit	-	
RSUs unvested at December 31, 2018	<u>1,275,680</u>	\$ 2.16

Grants During the Year Ended December 31, 2019

During the year ended December 31, 2019, 185,000 RSUs with a fair market value of \$1,139 were issued to certain employees; the RSUs vest in full on the third anniversary of the grant date.

During the year ended December 31, 2019, the Company's board of directors were granted 38,860 RSUs with a fair market value \$300 which vests on a quarterly basis, over one year in equal installments, subject to the director's continued service at the vesting date, but the issuance and delivery of these shares are deferred until the director resigns.

A summary of the Company's RSU activity and related information for the year ended December 31, 2019 is as follows:

	Number of RSUs	Weighted Average Grant Date Fair Value
RSUs unvested - January 1, 2019	1,275,680	\$ 2.16
RSUs granted	223,860	\$ 6.43
RSUs vested	(87,610)	\$ 3.42
RSUs cancelled/forfeit	-	
RSUs unvested at December 31, 2019	<u>1,411,930</u>	<u>\$ 2.76</u>

As of December 31, 2019, the total unrecognized compensation expense related to unvested RSUs was approximately \$1,031 which is expected to be recognized over a weighted-average period of 0.3 years, based on estimated vesting schedules. The stock-based compensation for RSUs was \$879 and \$1,149 during the years ended December 31, 2019 and 2018, respectively.

Subsidiary Stock-Based Transactions

Surface Pharmaceuticals, Inc. and Melt Pharmaceuticals, Inc. – 2018

During the year ended December 31, 2018 the Company recognized \$21 in stock-based compensation related to equity instruments granted by Surface and Melt to consultants, the Company's employees and directors, including its CEO, Mark Baum, CFO, Andrew Boll, and a director, Richard Lindstrom.

Mayfield Pharmaceuticals, Inc. - 2019

Mayfield issued 1,000,000 shares of its common stock to Elle in connection with acquisition of certain drug candidate intellectual property and rights in February 2019.

Mayfield issued 300,000 shares of its common stock to TGV in connection with acquisition of certain drug candidate intellectual property and rights in July 2019.

During the year ended December 31, 2019, the Company recognized \$26 in stock-based compensation related to equity instruments granted by Mayfield for 2,450,000 shares of its restricted common stock that vest upon various performance based milestones and service periods to consultants of Mayfield, including Mayfield's CEO candidate and to Harrow employees, including 725,000 shares to Mark Baum, CEO of the Company, and 362,500 shares to Andrew Boll, CFO of the Company.

Stowe Pharmaceuticals, Inc. - 2019

In July 2019, Stowe agreed to issue 1,750,000 shares of its common stock to TGV in connection with acquisition of certain drug candidate intellectual property and rights.

The Company recorded stock-based compensation (including issuance of common stock for services and accrual for stock-based compensation) related to equity instruments granted to employees, directors and consultants as follows:

	For the Year Ended December 31, 2019	For the Year Ended December 31, 2018
Employees – selling, general and administrative	\$ 1,464	\$ 2,251
Directors – selling, general and administrative	300	235
Consultants - selling general and administrative	259	150
Total	<u>\$ 2,023</u>	<u>\$ 2,636</u>

Warrants

From time to time, the Company issues warrants to purchase shares of the Company's common stock to investors, lenders (see Note 12), underwriters and other non-employees for services rendered or to be rendered in the future.

A summary of warrant activity during the year ended December 31, 2019 is as follows:

	Number of Shares Subject to Warrants Outstanding	Weighted Avg. Exercise Price
Warrants outstanding - January 1, 2019	2,206,973	\$ 1.91
Granted	-	
Exercised	(1,418,587)	\$ 1.79
Expired	(8,000)	\$ 1.79
Warrants outstanding and exercisable - December 31, 2019	<u>780,386</u>	<u>\$ 2.12</u>
Weighted average remaining contractual life of the outstanding warrants in years - December 31, 2019	<u>4.53</u>	

All warrants outstanding as of December 31, 2019 are included in the following table:

Warrant Series	Issue Date	Warrants Outstanding		Warrants Exercisable	
		Warrants Outstanding	Exercise Price	Warrants Exercisable	Expiration Date
Lender warrants	5/11/2015	125,000	\$ 1.79	125,000	5/11/2025
Settlement warrants	8/16/2016	40,000	\$ 3.75	40,000	8/16/2021
Lender warrants (see Note 12)	7/19/2017	615,386	\$ 2.08	615,386	7/19/2024
		<u>780,386</u>	<u>\$ 2.12</u>	<u>780,386</u>	

NOTE 15. INCOME TAXES

The Company is subject to taxation in the United States, California, New Jersey, Texas and Pennsylvania. The provision for income taxes for the years ended December 31, 2019 and 2018 are summarized below:

	December 31, 2019	December 31, 2018
Current:		
Federal	\$ -	\$ -
State	8	6
Total current	<u>\$ 8</u>	<u>\$ 6</u>
Deferred:		
Federal	\$ 669	\$ 3,294
State	(148)	440
Change in valuation allowance	(521)	(3,734)
Total deferred	<u>0</u>	<u>0</u>
Income tax provision (benefit)	<u>\$ 8</u>	<u>\$ 6</u>

Income tax expense for the years ended December 31, 2019 and 2018, are recorded in the general and administrative expenses line item in the accompanying consolidated statements of operations.

A reconciliation of income taxes computed by applying the statutory U.S. income tax rate to the Company's loss before income taxes to the income tax provision is as follows:

	December 31, 2019	December 31, 2018
U.S. federal statutory tax rate	21.00%	21.00%
Benefit of lower tax brackets	0.00%	0.00%
State tax benefit, net	(6.73)%	0.04%
Research and development credits	0.00%	(0.14)%
Employee stock-based compensation	3.10%	0.46%
Loss on debt conversion	0.00%	0.00%
Capitalization of Subsidiary	0.00%	0.00%
Change in Rate	0.00%	0.00%
Other	(358.67)%	0.13%
Valuation allowance	334.57%	(21.93)%
Effective income tax rate	<u>(6.73)%</u>	<u>(0.44)%</u>

Deferred tax assets and liabilities reflect the net tax effects of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for income tax purposes. Significant components of the Company's deferred tax assets are as follows:

	December 31, 2019	December 31, 2018
Deferred tax assets (liabilities):		
NOLs	\$ 19,827	\$ 19,726
Depreciation and amortization	224	30
Other	640	604
Research and development credits	596	617
Deferred stock compensation	3,533	3,036
Basis Difference in Melt	(1,185)	-
Basis Difference in Surface	(1,119)	(1,464)
Basis Difference in Eton	(7,528)	(6,340)
Capital Losses	62	-
Park stock purchase identifiable intangibles	(270)	(484)
Limitation Under 163(j)	299	-
ASC 842 Lease Liability	2,082	-
ASC 842 ROU Asset	(1,959)	-
Total deferred tax assets, net	15,202	15,723
Valuation allowance	(15,202)	(15,723)
Net deferred tax liabilities	\$ -	\$ -

Realization of deferred tax assets is dependent upon future earnings, if any, the timing and amount of which are uncertain. Accordingly, the net deferred tax assets have been fully offset by a valuation allowance. The valuation allowance decreased by approximately \$500 and \$3,700 during 2019 and 2018, respectively.

As of December 31, 2019, the Company had net operating loss carryforwards for federal income tax purposes of approximately \$65,874 and federal research and development tax credits of approximately \$354. Under new tax law, federal NOLs can be carried forward indefinitely. The federal research credits will expire beginning in the year 2026. As of December 31, 2019, the Company had net operating loss carryforwards for state income tax purposes of approximately \$67,538 which expire beginning in the year 2017 and state research and development tax credits of approximately \$305 which do not expire.

In March 2016, the FASB issued ASU 2016-09, *Improvement to Employee Share – Based Payment Accounting*. The new standard contains several amendments that will simplify the accounting for employee share-based payment transactions. The changes in the new standard eliminate the accounting for excess tax benefits to be recognized in additional paid-in capital and tax deficiencies recognized either in income tax provision or in additional paid-in capital. The Company's deferred tax asset at December 31, 2018 did not include any excess tax benefits from employee stock option exercises, which are a component of the federal and state net operating loss carryforwards and on a go forward basis the excess tax benefits will be recognized as a component of income tax expense.

Utilization of the net operating losses may be subject to substantial annual limitation due to federal and state ownership change limitations provided by the Internal Revenue Code and similar state provisions. Such annual limitations could result in the expiration of the net operating losses and credits before their utilization.

In June 2006, the FASB issued interpretation ASC 740-10-50, *Accounting for Uncertainty in Income Tax*. This pronouncement clarifies the accounting for uncertainty in income taxes recognized in an enterprise's financial statements in accordance with ASC 740-10-50, *Accounting for Income Taxes*. This interpretation prescribes a recognition threshold and measurement attribute for the financial statement recognition and measurement of a tax position taken or expected to be taken in the tax return. ASC 740 also provides guidance on derecognition of tax benefits, classification on the balance sheet, interest and penalties, accounting in interim periods, disclosure and transaction. The Company adopted ASC 740-10-50 effective January 1, 2009. In accordance with ASC 740-10-50, the Company is classifying interest and penalties as a component of tax expense.

The Company did not have any unrecognized tax benefits as of December 31, 2019 and 2018, all of which is offset by a full valuation allowance. These unrecognized tax benefits, if recognized, would not affect the effective tax rate. There was no interest or penalties accrued at the adoption date and at December 31, 2019.

A reconciliation of the change in the UTB balance from January 1, 2019 to December 31, 2019 is as follows:

	Fed & State Tax
Balance at January 1, 2019	\$ -
Additions for tax positions related to current year	-
Additions/(reductions) for tax positions related to prior years	-
Balance at December 31, 2019	-
Total unrecognized tax benefits as of December 31, 2019	-

NOTE 16. EMPLOYEE SAVINGS PLAN

The Company has established an employee savings plan pursuant to Section 401(k) of the Internal Revenue Code, effective January 1, 2014. The plan allows participating employees to deposit into tax deferred investment accounts up to 100% of their salary, subject to annual limits. The Company makes certain matching contributions to the plan in amounts up to 4% of the participants' annual cash compensation, subject to annual limits. The Company contributed approximately \$312 and \$248 to the plan during the years ended December 31, 2019 and 2018, respectively.

NOTE 17. COMMITMENTS AND CONTINGENCIES

Legal

Dr. Sobol

In December 2016, Louis L. Sobol, M.D. ("Sobol") filed a lawsuit in the U.S. District Court for the Eastern District of Michigan, Southern Division against the Company, asserting claims on behalf of himself and an as-yet-uncertified class of consumers. The claims allege violations under the Telephone Consumer Protection Act, 47 U.S.C. § 227 via the Company's alleged transmittal of advertisements to its clients via facsimile. The Court approved the parties' proposed settlement agreement in the spring of 2019. During the year ended December 31, 2018, the Company accrued \$640 for expected damages related to this matter and the proposed settlement amount. As a result of the low claim rate of approximately 1.4%, the Company's total damages were \$571, which was paid in October 2019. This formally resolved all known disputes between the parties.

Allergan USA

In September 2017, Allergan USA, Inc. ("Allergan") filed a lawsuit in the U.S. District Court for the Central District of California against the Company, primarily claiming violations under the federal Lanham Act and California's Sherman Act. The Court granted in part and denied in part each parties' motions for summary judgement, resolving all issues except for whether Allergan was entitled to damages related to the Company's purported Lanham Act violations. The parties went to trial in May 2019 to litigate damages related to the Lanham Act, and a jury found the Company liable for only \$49 in lost profit damages, which was accrued as an expense during the period ended December 31, 2019 (see Note 11). In July 2019, the Court entered a permanent injunction, the scope of which is limited to compounded drugs prepared in, dispensed from within, or shipped to the state of California. The injunction requires the Company to: (1) only dispense drugs from a 503(a) facility with a "Valid Prescription Order"; (2) abide by the FDA's anticipatory compounding guidelines; and (3) only use bulk drug substances identified on a list established by the Secretary of Health and Human Services or FDA's interim "Category 1" list. The Company believes it was already in compliance with the order, prior to the injunction being ordered. On October 2, 2019, Allergan and the Company filed a joint stipulation to voluntarily dismiss each parties' respective pending appeals arising out of the lawsuit. No economic consideration was exchanged between the parties related to the filing of the joint stipulation. This formally resolved all known disputes between the parties.

California Board of Pharmacy

In March 2018, the California Board of Pharmacy filed an accusation against Park related to a compounded formulation the Company believes was legally dispensed and was, without its knowledge, inappropriately administered to a patient unknown to Park, by the prescribing healthcare professional. Park filed a response to the accusation and requested a formal hearing. In April 2019, Park agreed to, and the California State Board of Pharmacy approved terms of a settlement agreement (the "Settlement Agreement") that became effective on May 29, 2019. Pursuant to the terms of the Settlement Agreement, Park was required to, and did, surrender its California pharmacy license by August 27, 2019. This formally resolved all known disputes between the parties.

Novel Drug Solutions et al.

In April 2018, Novel Drug Solutions, LLC and Eyecare Northwest, PA (collectively "NDS") filed a lawsuit against the Company in the U.S. District Court of Delaware asserting claims for breach of contract. The claims stem from an asset purchase agreement between the Company and NDS entered into in 2013. In July 2019, NDS filed a second amended complaint which added a claim related to its purported termination of the APA. In October 2019, NDS voluntarily dismissed all claims related to breach of contract, leaving only claims related to the scope of the post-termination obligations to be litigated. The Company believes the claims are meritless and has previously and will continue to dispute all claims asserted against it and intends to vigorously defend against these allegations. Nonetheless, the Company cannot predict the eventual outcome of this litigation and, it could result in substantial costs, losses and a diversion of management's resources and attention, which could harm the Company's business and the value of its common stock.

Product and Professional Liability

Product and professional liability litigation represents an inherent risk to all firms in the pharmaceutical and pharmacy industry. We utilize traditional third-party insurance policies with regard to our product and professional liability claims. Such insurance coverage at any given time reflects current market conditions, including cost and availability, when the policy is written.

John Erick et al.

In January 2018, John Erick and Deborah Ferrell, successors-in-interest and heirs of Jade Erick, (collectively "Erick") filed a lawsuit in the San Diego County Superior against Kim Kelly, ND, MPH asserting claims related to death of Jade Erick. In April 2018, Erick filed an amendment to the lawsuit, naming us as a co-defendant. In September 2018, co-defendant Dr. Kelly filed a cross-complaint against the Company and various entities affiliated with Spectrum Laboratory Products, Inc., Spectrum Chemical Manufacturing Corp. and Spectrum Pharmacy Products, Inc. (collectively "Spectrum"). The cross-complaint seeks indemnity and contribution from the Company and Spectrum. The Company answered the claims filed by Dr. Kelly in October 2018. The case is currently in the discovery phase. The Company believes the claims are meritless and has previously and will continue to dispute all claims asserted against it and intends to vigorously defend against these allegations. Nonetheless, the Company cannot predict the eventual outcome of this litigation, it could result in substantial costs, losses and a diversion of management's resources and attention, which could harm the Company's business and the value of its common stock.

Anna Sue Gaukel et al.

In June 2019, Anna Sue Gaukel and Lawrence Gaukel served the Company with a lawsuit filed in state court in Idaho against Imprimis Pharmaceuticals, Inc. asserting class action allegations and product liability claims related to Mrs. Gaukel's doctor's use of a compounded drug injection in each of her eyes. In June 2019, the Company removed the case to Federal Court and subsequently answered the complaint. On January 24, 2020, the plaintiffs and the Company filed a joint stipulation, and the case was dismissed with prejudice. No economic consideration was exchanged between the parties related to the filing of the joint stipulation. This formally resolved all known disputes between the parties as connected to this matter.

General and Other

In the ordinary course of business, the Company may face various claims brought by third parties and it may, from time to time, make claims or take legal actions to assert its rights, including intellectual property disputes, contractual disputes and other commercial disputes. Any of these claims could subject the Company to litigation.

Indemnities

In addition to the indemnification provisions contained in the Company's charter documents, the Company generally enters into separate indemnification agreements with each of the Company's directors and officers. These agreements require the Company, among other things, to indemnify the director or officer against specified expenses and liabilities, such as attorneys' fees, judgments, fines and settlements, paid by the individual in connection with any action, suit or proceeding arising out of the individual's status or service as the Company's director or officer, other than liabilities arising from willful misconduct or conduct that is knowingly fraudulent or deliberately dishonest, and to advance expenses incurred by the individual in connection with any proceeding against the individual with respect to which the individual may be entitled to indemnification by the Company. The Company also indemnifies its lessors in connection with its facility leases for certain claims arising from the use of the facilities. These indemnities do not provide for any limitation of the maximum potential future payments the Company could be obligated to make. Historically, the Company has not incurred any payments for these obligations and, therefore, no liabilities have been recorded for these indemnities in the accompanying consolidated balance sheets.

Sales and Marketing Agreements

During 2017 through 2019, the Company entered various sales and marketing agreements with certain organizations, to provide sales and marketing representation services to ImprimisRx in select geographies in the U.S., in connection with the Company's ophthalmic compounded formulations.

Under the terms of the sales and marketing agreements, the Company is required to make commission payments to equal to 10% - 14% of net sales for products above and beyond the initial existing sales amounts. In addition, the Company is required to make periodic milestone payments to certain organizations in shares of the Company's restricted common stock if net sales in the assigned territory reach certain future levels by the end of their terms, as applicable. The Company accrued and recorded in additional paid in capital \$159 and \$42 related to stock-based payments for these agreements during the year ended December 31, 2019 and 2018, respectively, and \$2,700 and \$1,511 were incurred under these agreements for commission expenses during the years ended December 31, 2019 and 2018, respectively.

Asset Purchase, License and Related Agreements

The Company has acquired and sourced intellectual property rights related to certain proprietary innovations from certain inventors and related parties (the "Inventors") through multiple asset purchase agreements, license agreements, strategic agreements and commission agreements. In general, these agreements provide that the Inventors will cooperate with the Company in obtaining patent protection for the acquired intellectual property and that the Company will use commercially reasonable efforts to research, develop and commercialize a product based on the acquired intellectual property. In addition, the Company has acquired a right of first refusal on additional intellectual property and drug development opportunities presented by these Inventors.

In consideration for the acquisition of the intellectual property rights, the Company is obligated to make payments to the Inventors based on the completion of certain milestones, generally consisting of: (1) a payment payable within 30 days after the issuance of the first patent in the United States arising from the acquired intellectual property (if any); (2) a payment payable within 30 days after the Company files the first investigational new drug application ("IND") with the FDA for the first product arising from the acquired intellectual property (if any); (3) for certain of the Inventors, a payment payable within 30 days after the Company files the first new drug application with the FDA for the first product arising from the acquired intellectual property (if any); and (4) certain royalty payments based on the net receipts received by the Company in connection with the sale or licensing of any product based on the acquired intellectual property (if any), after deducting (among other things) the Company's development costs associated with such product. If, following five years after the date of the applicable asset purchase agreement, the Company either (a) for certain of the Inventors, has not filed an IND or, for the remaining Inventors, has not initiated a study where data is derived, or (b) has failed to generate royalty payments to the Inventors for any product based on the acquired intellectual property, the Inventors may terminate the applicable asset purchase agreement and request that the Company re-assign the acquired technology to the Inventors. \$371 and \$245 were accrued in accounts payable and accrued expenses under these agreements during the years ended December 31, 2019 and 2018, respectively, and \$846 and \$561 were incurred under these agreements as royalty expenses for the years ended December 31, 2019 and 2018, respectively.

Mayfield License

In July 2019, Mayfield entered into a License Agreement (the "TGV License") with TGV to acquire intellectual property rights for use in the women's health field, related to Mayfield's proprietary drug candidate MAY-66. The TGV License provides that TGV will cooperate with Mayfield in transferring all embodiments of the intellectual property (including know-how) related to the TGV License, assist in obtaining and protecting its patent rights for the acquired intellectual property and that Mayfield will use commercially reasonable efforts to research, develop and commercialize products based on the acquired intellectual property. In connection with the TGV License, Mayfield is obligated to make royalty payments to TGV equal to a low single digit percentage of net sales received by Mayfield in connection with the sale or licensing of any product based on the licensed intellectual property. In addition, Mayfield issued 300,000 shares of its common stock to TGV and is required to make certain milestone payments to TGV over the development of MAY-66 and any related products based on the licensed intellectual property.

Stowe License

In July 2019, Stowe entered into a License Agreement (the "Stowe License") with TGV, to acquire intellectual property rights for use in the ophthalmology and otic health field, related to Stowe's proprietary drug candidate STE-006. The Stowe License provides that TGV will cooperate with Stowe in transferring all embodiments of the intellectual property (including know-how) related to the Stowe License, assist in obtaining and protecting its patent rights for the acquired intellectual property and that Stowe will use commercially reasonable efforts to research, develop and commercialize products based on the acquired intellectual property. In connection with the Stowe License, Stowe is obligated to make royalty payments to TGV equal to a low single digit percentage of net sales received by Stowe in connection with the sale or licensing of any product based on the licensed intellectual property. In addition, Stowe issued 1,750,000 shares of its common stock to TGV and is required to make certain milestone payments to TGV over the development of STE-006 and any related products based on the licensed intellectual property.

Klarity License Agreement – Related Party

In April 2017, the Company entered into a license agreement (the “Klarity License Agreement”) with Richard L. Lindstrom, M.D., a member of its Board of Directors. Pursuant to the terms of the Klarity License Agreement, the Company licensed certain intellectual property and related rights from Dr. Lindstrom to develop, formulate, make, sell, and sub-license the topical ophthalmic solution Klarity designed to protect and rehabilitate the ocular surface (the “Klarity Product”).

Under the terms of the Klarity License Agreement, the Company is required to make royalty payments to Dr. Lindstrom ranging from 3% to 6% of net sales, dependent upon the final formulation of the Klarity Product sold. In addition, the Company is required to make certain milestone payments to Dr. Lindstrom including: (i) an initial payment of \$50 upon execution of the Klarity License Agreement, (ii) a second payment of \$50 following the first \$50 in net sales of the Klarity Product; and (iii) a final payment of \$50 following the first \$100 in net sales of the Klarity Product. All of the above referenced milestone payments were payable at the Company’s election in cash or shares of the Company’s restricted common stock. Dr. Lindstrom was paid \$63 and \$122 in cash during the years ended December 31, 2019 and 2018, respectively, and was due an additional \$55 and \$15 at December 31, 2019 and 2018, respectively. The Company incurred \$103 and \$118 for royalty expenses related to the Klarity License Agreement during the years ended December 31, 2019 and 2018, respectively.

Injectable Asset Purchase Agreement – Related Party

In December 2019, the Company entered into an asset purchase agreement (the “Lindstrom APA”) with Dr. Lindstrom, a member of its Board of Directors. Pursuant to the terms of the Lindstrom APA, the Company acquired certain intellectual property and related rights from Dr. Lindstrom to develop, formulate, make, sell, and sub-license an ophthalmic injectable product (the “Lindstrom Product”).

Under the terms of the Lindstrom APA, the Company is required to make royalty payments to Dr. Lindstrom ranging from 2% to 3% of net sales, dependent upon the final formulation and patent protection of the Lindstrom Product sold. In addition, the Company is required to make certain milestone payments to Dr. Lindstrom including an initial payment of \$33 upon execution of the Lindstrom APA. Dr. Lindstrom was paid \$0 in cash during the year ended December 31, 2019, and was due \$40 at December 31, 2019. The Company incurred \$40 for royalty expenses related to the Lindstrom Agreement during the year ended December 31, 2019.

Presbyopia Asset Purchase Agreement – Related Party

In December 2019, the Company entered into an asset purchase agreement (the “Presbyopia APA”) with Dr. Lindstrom, a member of its Board of Directors. Pursuant to the terms of the Presbyopia APA, the Company acquired certain intellectual property and related rights from Dr. Lindstrom to develop, formulate, make, sell, and sub-license an ophthalmic topical product to treat presbyopia (the “Presbyopia Product”).

Under the terms of the Presbyopia Product, the Company is required to make royalty payments to Dr. Lindstrom ranging from 2% to 4% of net sales, dependent upon the final formulation and patent protection of the Presbyopia Product sold. Dr. Lindstrom was paid \$0 in cash during the year ended December 31, 2019, and was due \$0 at December 31, 2019. The Company incurred \$0 for royalty expenses related to the Presbyopia APA during the year ended December 31, 2019.

NOTE 18. SEGMENT INFORMATION AND CONCENTRATIONS

Beginning on January 1, 2019, the Company began evaluating performance of the Company based on operating segments. Segment performance for its two operating segments are based on segment contribution. The Company’s reportable segments consist of (i) its commercial stage pharmaceutical compounding business (Pharmaceutical Compounding), generally including the operations of ImprimisRx and the former Park businesses; and (ii) its start-up operations associated with pharmaceutical drug development business (Pharmaceutical Drug Development). Segment contribution for the segments represents net revenues less cost of sales, research and development, selling and marketing expenses, and select general and administrative expenses. The Company does not evaluate the following items at the segment level:

- Selling, general and administrative expenses that result from shared infrastructure, including certain expenses associated with legal matters, public company costs (e.g. investor relations), board of directors and principal executive officers and other like shared expenses.
- Operating expenses within selling, general and administrative expenses that result from the impact of corporate initiatives. Corporate initiatives primarily include integration, restructuring, acquisition and other shared costs.
- Other select revenues and operating expenses including R&D expenses, amortization, and asset sales and impairments, net as not all such information has been accounted for at the segment level, or such information has not been used by all segments.
- Total assets including capital expenditures.

The Company defines segment net revenues as pharmaceutical compounded drug sales, licenses and other revenue derived from related agreements.

Cost of sales within segment contribution includes direct and indirect costs to manufacture formulations and sell products, including active pharmaceutical ingredients, personnel costs, packaging, storage, royalties, shipping and handling costs, manufacturing equipment and tenant improvements depreciation, the write-off of obsolete inventory and other related expenses.

Selling, general and administrative expenses consist mainly of personnel-related costs, marketing and promotion costs, distribution costs, professional service costs, insurance, depreciation, facilities costs, transaction costs, and professional services costs which are general in nature and attributable to the segment.

Segment net revenues, segment operating expenses and segment contribution information consisted of the following for the year ended December 31, 2019:

	For the Year Ended December 31, 2019		
	Pharmaceutical Compounding	Pharmaceutical Drug Development	Total
Net revenues	\$ 51,165	\$ -	\$ 51,165
Cost of sales	(16,749)	-	(16,749)
Gross profit	34,416	-	34,416
Operating expenses:			
Selling, general and administrative	24,468	174	24,642
Research and development	1,006	361	1,367
Segment contribution	\$ 8,942	\$ (535)	\$ 8,407
Corporate			8,245
Research and development			716
Amortization			209
Asset sales and impairments, net			4,040
Operating loss			\$ (4,803)

The Company categorizes revenues by geographic area based on selling location. All operations are currently located in the U.S.; therefore, total revenues are attributed to the U.S. All long-lived assets at December 31, 2019 and December 31, 2018 are located in the U.S.

The Company sells its compounded formulations to a large number of customers. There were no customers who comprised more than 10% of the Company's total pharmacy sales for the year ended December 31, 2019 and 2018.

The Company receives its active pharmaceutical ingredients from three main suppliers. These suppliers collectively accounted for 73% of active pharmaceutical ingredient purchases during the year ended December 31, 2019, and 51% during the year ended December 31, 2018.

NOTE 19. SUBSEQUENT EVENTS

The Company has performed an evaluation of events occurring subsequent to December 31, 2019 through the filing date of this Annual Report and determined that no subsequent events have occurred that would require recognition in the financial statements or disclosures in the notes thereto.

**DESCRIPTION OF THE COMPANY'S SECURITIES
REGISTERED PURSUANT TO SECTION 12 OF THE SECURITIES
EXCHANGE ACT OF 1934**

Harrow Health, Inc. has one class of securities registered under Section 12 of the Securities Exchange Act of 1934, as amended: our common stock, par value \$0.001 per share.

In this exhibit, when we refer to "Company", "Harrow", "we", "us" and "our" or when we otherwise refer to ourselves, we mean Harrow Health, Inc., excluding, unless otherwise expressly stated or the context requires, our subsidiaries.

The following is a summary of the rights of our common and preferred stock and of certain provisions of our Amended and Restated Certificate of Incorporation and Amended and Restated Bylaws. For more detailed information, please see our Amended and Restated Certificate of Incorporation and Amended and Restated Bylaws, which are incorporated by reference as exhibits to the Annual Report on Form 10-K to which this description is an exhibit.

Authorized Capital Stock

Our authorized capital stock consists of 55,000,000 shares, 50,000,000 of which are designated as common stock, par value \$0.001 per share, and 5,000,000 of which are designated as preferred stock, par value \$0.001 per share. As of March 12, 2020, there were [•] shares of our common stock and no shares of our preferred stock issued and outstanding.

Capital Stock Issued and Outstanding

As of March 6, 2020 there were approximately **103** stockholders of record (excluding an indeterminable number of stockholders whose shares are held in street or "nominee" name) of our common stock. In addition, as of December 31, 2019, there are outstanding (i) options to acquire 2,656,683 shares of our common stock with a weighted average exercise price of \$5.31 per share, (ii) warrants to purchase 780,386 shares of common stock with a weighted average exercise price of \$2.12 per share, (iii) 1,411,930 unvested restricted stock units and (iv) 324,303 restricted stock units award to directors that had vested, but issuance and delivery of the shares are deferred until the director resigns or otherwise leaves the Board of Directors.

Description of Common Stock

We are authorized to issue 50,000,000 shares of common stock, par value \$0.001 per share. The holders of our common stock are entitled to one vote per share on all matters submitted to a vote of the stockholders, including the election of directors. Our Amended and Restated Certificate of Incorporation does not provide for cumulative voting in the election of directors. Subject to any preferential rights of any outstanding series of preferred stock created by our Board of Directors from time to time the holders of our common stock will be entitled to cash dividends as may be declared, if any, by our Board of Directors from funds available. Subject to any preferential rights of any outstanding series of preferred stock that we may issue, upon liquidation, dissolution or winding up of our company, the holders of our common stock will be entitled to receive pro rata all assets available for distribution to the holders.

Description of Preferred Stock

Our Board of Directors has the authority, without further action by our stockholders, to issue up to 5,000,000 shares of preferred stock, par value \$0.001 per share, in one or more series. Our Board of Directors may designate the rights, preferences, privileges and restrictions of the preferred stock, including dividend rights, conversion rights, voting rights, terms of redemption, liquidation preference, sinking fund terms, and number of shares constituting any series and the designation of any series. The issuance of preferred stock could have the effect of restricting dividends on our common stock, diluting the voting power of our common stock, impairing the liquidation rights of our common stock, or delaying or preventing a change in control. The ability to issue preferred stock could delay or impede a change in control.

Anti-Takeover Provisions

We are subject to the provisions of Section 203 of the Delaware General Corporation Law, or DGCL, an anti-takeover law. In general, Section 203 prohibits a publicly held Delaware corporation from engaging in a "business combination" with an "interested stockholder" for a period of three years after the date of the transaction in which such stockholder became an interested stockholder, unless the business combination is approved in a prescribed manner. For purposes of Section 203, a "business combination" includes a merger, asset sale or other transaction resulting in a financial benefit to the interested stockholder, and an "interested stockholder" is a stockholder who, together with affiliates and associates, owns, or within three years prior, did own, 15% or more of the voting stock.

Liability and Indemnification of Directors and Officers

Section 145 of the DGCL provides, in general, that a corporation incorporated under the laws of the State of Delaware, such as us, may indemnify any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding (other than a derivative action by or in the right of the corporation) by reason of the fact that such person is or was a director, officer, employee or agent of the corporation, or is or was serving at the request of the corporation as a director, officer, employee or agent of another enterprise, against expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding if such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the corporation, and, with respect to any criminal action or proceeding, had no reasonable cause to believe such person's conduct was unlawful. In the case of a derivative action, a Delaware corporation may indemnify any such person against expenses (including attorneys' fees) actually and reasonably incurred by such person in connection with the defense or settlement of such action or suit if such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the corporation, except that no indemnification will be made in respect of any claim, issue or matter as to which such person will have been adjudged to be liable to the corporation unless and only to the extent that the Court of Chancery of the State of Delaware or any other court in which such action was brought determines such person is fairly and reasonably entitled to indemnity for such expenses.

Our Amended and Restated Certificate of Incorporation and Amended and Restated Bylaws provide that we will indemnify our directors, officers, employees and agents to the extent and in the manner permitted by the provisions of the DGCL, as amended from time to time, subject to any permissible expansion or limitation of such indemnification, as may be set forth in any stockholders' or directors' resolution or by contract.

We also have director and officer indemnification agreements with each of our executive officers and directors that provide, among other things, for the indemnification to the fullest extent permitted or required by Delaware law, provided that such indemnitee shall not be entitled to indemnification in connection with any proceedings or claims initiated or brought voluntarily by the indemnitee and not by way of defense, unless (i) such indemnification is expressly required to be made by law, (ii) the proceeding was authorized by our Board of Directors, (iii) indemnification is provided by us, in our sole discretion, pursuant to powers vested in us under the DGCL, or (iv) the proceeding is brought to establish or enforce a right to indemnification under the indemnification agreement or any other statute or law or otherwise as required under Section 145 of the DGCL. We are not required to indemnify the indemnitee for any amounts paid in settlement of a proceeding unless we consent to such settlement.

Any repeal or modification of these provisions approved by our stockholders shall be prospective only, and shall not adversely affect any limitation on the liability of a director or officer existing as of the time of such repeal or modification.

We have purchased and intend to maintain insurance on our behalf and on behalf of any person who is or was a director or officer against any loss arising from any claim asserted against him or her and incurred by him or her in that capacity, subject to certain exclusions and limits of the amount of coverage.

Listing; Transfer Agent

Our common stock is listed on The NASDAQ Capital Market under the symbol "HROW". The transfer agent and registrar for our common stock is Action Stock Transfer Corporation, 2469 E. Fort Union Blvd., Suite 214, Salt Lake City, UT 84121.

STOWE PHARMACEUTICALS, INC.

CONSULTING AGREEMENT

This Consulting Agreement (this "**Agreement**") is made and entered into as of February 13, 2020 (the "**Effective Date**") by and between Stowe Pharmaceuticals, Inc., a Delaware corporation with its principal place of business at 102 Woodmont Blvd., Suite 610, Nashville, TN 37205 (the "**Company**"), and Mark L. Baum, an individual with a principal place of business at 102 Woodmont Blvd., Suite 610 Nashville, TN 37205 ("**Consultant**") (each herein referred to individually as a "**Party**," or collectively as the "**Parties**").

The Company desires to retain Consultant as an independent contractor to perform consulting services for the Company, and Consultant is willing to perform such services, on the terms described below. In consideration of the mutual promises contained herein, the Parties agree as follows:

1. Services and Compensation

Consultant shall perform the services described in **Exhibit A** (the "**Services**") for the Company (or its designee), and the Company agrees to pay Consultant the compensation described in **Exhibit A** for Consultant's performance of the Services.

2. Confidentiality

A. Definition of Confidential Information. "**Confidential Information**" means any information (including any and all combinations of individual items of information) that relates to the actual or anticipated business and/or products, research or development of the Company, its affiliates or subsidiaries, or to the Company's, its affiliates' or subsidiaries' technical data, trade secrets, or know-how, including, but not limited to, research, product plans, or other information regarding the Company's, its affiliates' or subsidiaries' products or services and markets therefor, customer lists and customers (including, but not limited to, customers of the Company on whom Consultant called or with whom Consultant became acquainted during the term of this Agreement), software, developments, inventions, discoveries, ideas, processes, formulas, technology, designs, drawings, engineering, hardware configuration information, marketing, finances, and other business information disclosed by the Company, its affiliates or subsidiaries, either directly or indirectly, in writing, orally or by drawings or inspection of premises, parts, equipment, or other property of Company, its affiliates or subsidiaries. Notwithstanding the foregoing, Confidential Information shall not include any such information which Consultant can establish (i) was publicly known or made generally available prior to the time of disclosure to Consultant; (ii) becomes publicly known or made generally available after disclosure to Consultant through no wrongful action or inaction of Consultant; or (iii) is in the rightful possession of Consultant, without confidentiality obligations, at the time of disclosure as shown by Consultant's then-contemporaneous written records; provided that any combination of individual items of information shall not be deemed to be within any of the foregoing exceptions merely because one or more of the individual items are within such exception, unless the combination as a whole is within such exception.

B. Nonuse and Nondisclosure. During and after the term of this Agreement, Consultant will hold in the strictest confidence, and take all reasonable precautions to prevent any unauthorized use or disclosure of Confidential Information, and Consultant will not (i) use the Confidential Information for any purpose whatsoever other than as necessary for the performance of the Services on behalf of the Company, or (ii) subject to Consultant's right to engage in Protected Activity (as defined below), disclose the Confidential Information to any third party without the prior written consent of an authorized representative of the Company, except that Consultant may disclose Confidential Information to the extent compelled by applicable law; *provided however*, prior to such disclosure, Consultant shall provide prior written notice to Company and seek a protective order or such similar confidential protection as may be available under applicable law. Consultant agrees that no ownership of Confidential Information is conveyed to the Consultant. Without limiting the foregoing, Consultant shall not use or disclose any Company property, intellectual property rights, trade secrets or other proprietary know-how of the Company to invent, author, make, develop, design, or otherwise enable others to invent, author, make, develop, or design identical or substantially similar designs as those developed under this Agreement for any third party. Consultant agrees that Consultant's obligations under this Section 2.B shall continue after the termination of this Agreement.

C. Other Client Confidential Information. Consultant agrees that Consultant will not improperly use, disclose, or induce the Company to use any proprietary information or trade secrets of any former or current employer of Consultant or other person or entity with which Consultant has an obligation to keep in confidence. Consultant also agrees that Consultant will not bring onto the Company's premises or transfer onto the Company's technology systems any unpublished document, proprietary information, or trade secrets belonging to any third party unless disclosure to, and use by, the Company has been consented to in writing by such third party.

D. Third Party Confidential Information. Consultant recognizes that the Company has received and in the future will receive from third parties their confidential or proprietary information subject to a duty on the Company's part to maintain the confidentiality of such information and to use it only for certain limited purposes. Consultant agrees that at all times during the term of this Agreement and thereafter, Consultant owes the Company and such third parties a duty to hold all such confidential or proprietary information in the strictest confidence and not to use it or to disclose it to any person, firm, corporation, or other third party except as necessary in carrying out the Services for the Company consistent with the Company's agreement with such third party.

3. Ownership

A. Assignment of Inventions. Consultant agrees that all right, title, and interest in and to any copyrightable material, notes, records, drawings, designs, inventions, improvements, developments, discoveries, ideas and trade secrets conceived, discovered, authored, invented, developed or reduced to practice by Consultant, solely or in collaboration with others, during the term of this Agreement and arising out of, or in connection with, performing the Services under this Agreement and any copyrights, patents, trade secrets, mask work rights or other intellectual property rights relating to the foregoing (collectively, "**Inventions**"), are the sole property of the Company. Consultant also agrees to promptly make full written disclosure to the Company of any Inventions and to deliver and assign (or cause to be assigned) and hereby irrevocably assigns fully to the Company all right, title and interest in and to the Inventions.

B. Pre-Existing Materials. Subject to Section 3.A, Consultant will provide the Company with prior written notice if, in the course of performing the Services, Consultant incorporates into any Invention or utilizes in the performance of the Services any invention, discovery, idea, original works of authorship, development, improvements, trade secret, concept, or other proprietary information or intellectual property right owned by Consultant or in which Consultant has an interest, prior to, or separate from, performing the Services under this Agreement ("**Prior Inventions**"), and the Company is hereby granted a nonexclusive, royalty-free, perpetual, irrevocable, transferable, worldwide license (with the right to grant and authorize sublicenses) to make, have made, use, import, offer for sale, sell, reproduce, distribute, modify, adapt, prepare derivative works of, display, perform, and otherwise exploit such Prior Inventions, without restriction, including, without limitation, as part of or in connection with such Invention, and to practice any method related thereto. Consultant will not incorporate any invention, discovery, idea, original works of authorship, development, improvements, trade secret, concept, or other proprietary information or intellectual property right owned by any third party into any Invention without Company's prior written permission.

C. **Moral Rights.** Any assignment to the Company of Inventions includes all rights of attribution, paternity, integrity, modification, disclosure and withdrawal, and any other rights throughout the world that may be known as or referred to as "moral rights," "artist's rights," "droit moral," or the like (collectively, "**Moral Rights**"). To the extent that Moral Rights cannot be assigned under applicable law, Consultant hereby waives and agrees not to enforce any and all Moral Rights, including, without limitation, any limitation on subsequent modification, to the extent permitted under applicable law.

D. **Maintenance of Records.** Consultant agrees to keep and maintain adequate, current, accurate, and authentic written records of all Inventions made by Consultant (solely or jointly with others) during the term of this Agreement, and for a period of three (3) years thereafter. The records will be in the form of notes, sketches, drawings, electronic files, reports, or any other format that is customary in the industry and/or otherwise specified by the Company. Such records are and remain the sole property of the Company at all times and upon Company's request, Consultant shall deliver (or cause to be delivered) the same.

E. **Further Assurances.** Consultant agrees to assist Company, or its designee, at the Company's expense, in every proper way to secure the Company's rights in Inventions in any and all countries, including the disclosure to the Company of all pertinent information and data with respect thereto, the execution of all applications, specifications, oaths, assignments and all other instruments that the Company may deem necessary in order to apply for, register, obtain, maintain, defend, and enforce such rights, and in order to deliver, assign and convey to the Company, its successors, assigns and nominees the sole and exclusive right, title, and interest in and to all Inventions and testifying in a suit or other proceeding relating to such Inventions. Consultant further agrees that Consultant's obligations under this Section 3.E shall continue after the termination of this Agreement.

F. **Attorney-in-Fact.** Consultant agrees that, if the Company is unable because of Consultant's unavailability, dissolution, mental or physical incapacity, or for any other reason, to secure Consultant's signature with respect to any Inventions, including, without limitation, for the purpose of applying for or pursuing any application for any United States or foreign patents or mask work or copyright registrations covering the Inventions assigned to the Company in Section 3.A, then Consultant hereby irrevocably designates and appoints the Company and its duly authorized officers and agents as Consultant's agent and attorney-in-fact, to act for and on Consultant's behalf to execute and file any papers and oaths and to do all other lawfully permitted acts with respect to such Inventions to further the prosecution and issuance of patents, copyright and mask work registrations with the same legal force and effect as if executed by Consultant. This power of attorney shall be deemed coupled with an interest, and shall be irrevocable.

4. Conflicting Obligations

A. Consultant represents and warrants that Consultant has no agreements, relationships, or commitments to any other person or entity that conflict with the provisions of this Agreement, Consultant's obligations to the Company under this Agreement, and/or Consultant's ability to perform the Services. Consultant will not enter into any such conflicting agreement during the term of this Agreement.

B. Consultant shall require all Consultant's employees, contractors, or other third-parties performing Services under this Agreement to execute a Confidential Information and Assignment Agreement in a form reasonably acceptable to the Company, and promptly provide a copy of each such executed agreement to the Company. Consultant's violation of this Section 4 will be considered a material breach under Section 6.B.

5. Return of Company Materials

Upon the termination of this Agreement, or upon Company's earlier request, Consultant will immediately deliver to the Company, and will not keep in Consultant's possession, recreate, or deliver to anyone else, any and all Company property, including, but not limited to, Confidential Information, tangible embodiments of the Inventions, all devices and equipment belonging to the Company, all electronically-stored information and passwords to access such property, those records maintained pursuant to Section 3.D and any reproductions of any of the foregoing items that Consultant may have in Consultant's possession or control.

6. Term and Termination

A. **Term.** Consultant commenced providing Services to the Company on or about December 1, 2019 and shall provide the Services through the earlier of (i) one year from the Effective Date, (ii) a Change in Control (as defined in the Company's 2020 Equity Incentive Plan (the "**Plan**")), (iii) the IPO (as defined in the Plan), (iv) a Qualified Financing (as set forth in Exhibit A attached hereto) or (v) such earlier date as the Services are terminated by the Company or Consultant as provided in Section 6.B (the "**Term**").

B. **Termination.** The Company may terminate this Agreement upon giving Consultant fourteen (14) days prior written notice of such termination pursuant to Section 12.G of this Agreement. The Company may terminate this Agreement immediately and without prior notice if Consultant refuses to or is unable to perform the Services or is in breach of any material provision of this Agreement.

C. **Survival.** Upon any termination, all rights and duties of the Company and Consultant toward each other shall cease except:

(1) The Company will pay, within thirty (30) days after the effective date of termination, all amounts owing to Consultant for Services completed and accepted by the Company prior to the termination date and related reimbursable expenses, if any, submitted in accordance with the Company's policies and in accordance with the provisions of Section 1 of this Agreement; and

(2) Section 2 (Confidentiality), Section 3 (Ownership), Section 4.B (Conflicting Obligations), Section 5 (Return of Company Materials), Section 6 (Term and Termination), Section 7 (Independent Contractor; Benefits), Section 8 (Indemnification), Section 9 (Nonsolicitation), Section 10 (Limitation of Liability), Section 11 (Arbitration and Equitable Relief), and Section 12 (Miscellaneous) will survive termination or expiration of this Agreement in accordance with their terms.

7. Independent Contractor; Benefits

A. **Independent Contractor.** It is the express intention of the Company and Consultant that Consultant perform the Services as an independent contractor to the Company. Nothing in this Agreement shall in any way be construed to constitute Consultant as an agent, employee or representative of the Company. Without limiting the generality of the foregoing, Consultant is not authorized to bind the Company to any liability or obligation or to represent that Consultant has any such authority. Consultant agrees to furnish (or reimburse the Company for) all tools and materials necessary to accomplish this Agreement and shall incur all expenses associated with performance. Consultant acknowledges and agrees that Consultant is obligated to report as income all compensation received by Consultant pursuant to this Agreement. Consultant agrees to and acknowledges the obligation to pay all self-employment and other taxes on such income.

B. **Benefits.** The Company and Consultant agree that Consultant will receive no Company-sponsored benefits from the Company where benefits include, but are not limited to, paid vacation, sick leave, medical insurance and 401k participation. If Consultant is reclassified by a state or federal agency or court as the Company's employee, Consultant will become a reclassified employee and will receive no benefits from the Company, except those mandated by state or federal law, even if by the terms of the Company's benefit plans or programs of the Company in effect at the time of such reclassification, Consultant would otherwise be eligible for such benefits.

8. Indemnification

Consultant agrees to indemnify and hold harmless the Company and its affiliates and their directors, officers and employees from and against all taxes, losses, damages, liabilities, costs and expenses, including attorneys' fees and other legal expenses, arising directly or indirectly from or in connection with (i) any negligent, reckless or intentionally wrongful act of Consultant or Consultant's assistants, employees, contractors or agents, (ii) a determination by a court or agency that the Consultant is not an independent contractor, (iii) any breach by the Consultant or Consultant's assistants, employees, contractors or agents of any of the covenants contained in this Agreement and corresponding Confidential Information and Invention Assignment Agreement, (iv) any failure of Consultant to perform the Services in accordance with all applicable laws, rules and regulations, or (v) any violation or claimed violation of a third party's rights resulting in whole, or in part, from the Company's use of the Inventions or other deliverables of Consultant under this Agreement.

9. Nonsolicitation

To the fullest extent permitted under applicable law, from the date of this Agreement until twelve (12) months after the termination of this Agreement for any reason (the "**Restricted Period**"), Consultant will not, without the Company's prior written consent, directly or indirectly, solicit any of the Company's employees to leave their employment, or attempt to solicit employees of the Company, either for Consultant or for any other person or entity. Consultant agrees that nothing in this Section 9 shall affect Consultant's continuing obligations under this Agreement during and after this twelve (12) month period, including, without limitation, Consultant's obligations under Section 2.

10. Limitation of Liability

IN NO EVENT SHALL COMPANY BE LIABLE TO CONSULTANT OR TO ANY OTHER PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR DAMAGES FOR LOST PROFITS OR LOSS OF BUSINESS, HOWEVER CAUSED AND UNDER ANY THEORY OF LIABILITY, WHETHER BASED IN CONTRACT, TORT (INCLUDING NEGLIGENCE) OR OTHER THEORY OF LIABILITY, REGARDLESS OF WHETHER COMPANY WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND NOTWITHSTANDING THE FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY. IN NO EVENT SHALL COMPANY'S LIABILITY ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT EXCEED THE AMOUNTS PAID BY COMPANY TO CONSULTANT UNDER THIS AGREEMENT FOR THE SERVICES, DELIVERABLES OR INVENTION GIVING RISE TO SUCH LIABILITY.

11. Arbitration and Equitable Relief

A. **Arbitration.** IN CONSIDERATION OF CONSULTANT'S CONSULTING RELATIONSHIP WITH THE COMPANY, ITS PROMISE TO ARBITRATE ALL DISPUTES RELATED TO CONSULTANT'S CONSULTING RELATIONSHIP WITH THE COMPANY AND CONSULTANT'S RECEIPT OF THE COMPENSATION AND OTHER BENEFITS PAID TO CONSULTANT BY COMPANY, AT PRESENT AND IN THE FUTURE, CONSULTANT AGREES THAT ANY AND ALL CONTROVERSIES, CLAIMS, OR DISPUTES WITH ANYONE (INCLUDING COMPANY AND ANY EMPLOYEE, OFFICER, DIRECTOR, SHAREHOLDER OR BENEFIT PLAN OF THE COMPANY IN THEIR CAPACITY AS SUCH OR OTHERWISE), ARISING OUT OF, RELATING TO, OR RESULTING FROM CONSULTANT'S CONSULTING OR OTHER RELATIONSHIP WITH THE COMPANY OR THE TERMINATION OF CONSULTANT'S CONSULTING OR OTHER RELATIONSHIP WITH THE COMPANY, INCLUDING ANY BREACH OF THIS AGREEMENT, SHALL BE SUBJECT TO BINDING ARBITRATION PURSUANT TO THE FEDERAL ARBITRATION ACT (THE "FAA"). THE FAA'S SUBSTANTIVE AND PROCEDURAL RULES SHALL EXCLUSIVELY GOVERN AND APPLY WITH FULL FORCE AND EFFECT TO THIS ARBITRATION AGREEMENT, INCLUDING ITS ENFORCEMENT, AND ANY STATE COURT OF COMPETENT JURISDICTION SHALL STAY PROCEEDINGS PENDING ARBITRATION OR COMPEL ARBITRATION IN THE SAME MANNER AS A FEDERAL COURT UNDER THE FAA. CONSULTANT FURTHER AGREES THAT, TO THE FULLEST EXTENT PERMITTED BY LAW, CONSULTANT MAY BRING ANY ARBITRATION PROCEEDING ONLY IN CONSULTANT'S INDIVIDUAL CAPACITY, AND NOT AS A PLAINTIFF, REPRESENTATIVE, OR CLASS MEMBER IN ANY PURPORTED CLASS, COLLECTIVE, OR REPRESENTATIVE LAWSUIT OR PROCEEDING. CONSULTANT MAY, HOWEVER, BRING A PROCEEDING AS A PRIVATE ATTORNEY GENERAL AS PERMITTED BY LAW. **TO THE FULLEST EXTENT PERMITTED BY LAW, CONSULTANT AGREES TO ARBITRATE ANY AND ALL COMMON LAW AND/OR STATUTORY CLAIMS UNDER LOCAL, STATE, OR FEDERAL LAW, INCLUDING, BUT NOT LIMITED TO, CLAIMS UNDER THE CALIFORNIA LABOR CODE, CLAIMS RELATING TO EMPLOYMENT OR INDEPENDENT CONTRACTOR STATUS, CLASSIFICATION, AND RELATIONSHIP WITH THE COMPANY, AND CLAIMS OF BREACH OF CONTRACT, EXCEPT AS PROHIBITED BY LAW. CONSULTANT ALSO AGREES TO ARBITRATE ANY AND ALL DISPUTES ARISING OUT OF OR RELATING TO THE INTERPRETATION OR APPLICATION OF THIS AGREEMENT TO ARBITRATE, BUT NOT DISPUTES ABOUT THE ENFORCEABILITY, REVOCABILITY OR VALIDITY OF THIS AGREEMENT TO ARBITRATE OR THE CLASS, COLLECTIVE AND REPRESENTATIVE PROCEEDING WAIVER HEREIN. WITH RESPECT TO ALL SUCH CLAIMS AND DISPUTES THAT CONSULTANT AGREES TO ARBITRATE, CONSULTANT HEREBY EXPRESSLY AGREES TO WAIVE, AND DOES WAIVE, ANY RIGHT TO A TRIAL BY JURY.** CONSULTANT FURTHER UNDERSTANDS THAT THIS AGREEMENT TO ARBITRATE ALSO APPLIES TO ANY DISPUTES THAT THE COMPANY MAY HAVE WITH CONSULTANT. CONSULTANT UNDERSTANDS THAT NOTHING IN THIS AGREEMENT REQUIRES CONSULTANT TO ARBITRATE CLAIMS THAT CANNOT BE ARBITRATED UNDER APPLICABLE LAW, SUCH AS CLAIMS UNDER THE SARBANES-OXLEY ACT.

B. **Procedure.** CONSULTANT AGREES THAT ANY ARBITRATION WILL BE ADMINISTERED BY JAMS PURSUANT TO ITS EMPLOYMENT ARBITRATION RULES & PROCEDURES (THE "**JAMS RULES**"), WHICH ARE AVAILABLE AT [HTTP://WWW.JAMSADR.COM/RULES-EMPLOYMENT-ARBITRATION/](http://www.jamsadr.com/rules-employment-arbitration/). IF THE JAMS RULES CANNOT BE ENFORCED AS TO THE ARBITRATION, THEN THE PARTIES AGREE THAT THEY WILL ARBITRATE THIS DISPUTE UNDER THE CALIFORNIA ARBITRATION ACT (CALIFORNIA CODE CIV. PROC. § 1280 ET. SEQ (THE "CAA"), PROVIDED, HOWEVER, THAT NOTHING IN THIS PARAGRAPH WILL AFFECT THE APPLICABILITY OF THE FAA TO THE ENFORCEMENT OF THIS ARBITRATION AGREEMENT. CONSULTANT AGREES THAT THE USE OF THE JAMS RULES DOES NOT CHANGE CONSULTANT'S CLASSIFICATION TO THAT OF AN EMPLOYEE. TO THE CONTRARY, CONSULTANT REAFFIRMS THAT CONSULTANT IS AN INDEPENDENT CONTRACTOR. CONSULTANT AGREES THAT THE ARBITRATOR SHALL HAVE THE POWER TO DECIDE ANY MOTIONS BROUGHT BY ANY PARTY TO THE ARBITRATION, INCLUDING MOTIONS FOR SUMMARY JUDGMENT AND/OR ADJUDICATION AND MOTIONS TO DISMISS AND DEMURRERS APPLYING THE STANDARDS SET FORTH UNDER THE CALIFORNIA CODE OF CIVIL PROCEDURE. CONSULTANT AGREES THAT THE ARBITRATOR SHALL ISSUE A WRITTEN DECISION ON THE MERITS. CONSULTANT ALSO AGREES THAT THE ARBITRATOR SHALL HAVE THE POWER TO AWARD ANY REMEDIES AVAILABLE UNDER APPLICABLE LAW, AND THAT THE ARBITRATOR SHALL AWARD ATTORNEYS' FEES AND COSTS TO THE PREVAILING PARTY, WHERE PERMITTED BY APPLICABLE LAW. CONSULTANT AGREES THAT THE DECREE OR AWARD RENDERED BY THE ARBITRATOR MAY BE ENTERED AS A FINAL AND BINDING JUDGMENT IN ANY COURT HAVING JURISDICTION THEREOF. CONSULTANT AGREES THAT THE ARBITRATOR SHALL ADMINISTER AND CONDUCT ANY ARBITRATION IN ACCORDANCE WITH CALIFORNIA LAW, AND THAT THE ARBITRATOR SHALL APPLY SUBSTANTIVE AND PROCEDURAL CALIFORNIA LAW TO ANY DISPUTE OR CLAIM, WITHOUT REFERENCE TO RULES OF CONFLICT OF LAW. CONSULTANT FURTHER AGREES THAT ANY ARBITRATION UNDER THIS AGREEMENT SHALL BE CONDUCTED IN SAN DIEGO COUNTY, CALIFORNIA.

C. **Remedy.** EXCEPT AS PROVIDED BY THE CCP ACT AND THIS AGREEMENT, ARBITRATION SHALL BE THE SOLE, EXCLUSIVE, AND FINAL REMEDY FOR ANY DISPUTE BETWEEN CONSULTANT AND THE COMPANY. ACCORDINGLY, EXCEPT AS PROVIDED FOR BY THE CCP ACT AND THIS AGREEMENT, NEITHER CONSULTANT NOR THE COMPANY WILL BE PERMITTED TO PURSUE COURT ACTION REGARDING CLAIMS THAT ARE SUBJECT TO ARBITRATION.

D. **Availability of Injunctive Relief.** IN ACCORDANCE WITH RULE 1281.8 OF THE CALIFORNIA CODE OF CIVIL PROCEDURE, THE PARTIES AGREE THAT ANY PARTY MAY ALSO PETITION THE COURT FOR INJUNCTIVE RELIEF WHERE EITHER PARTY ALLEGES OR CLAIMS A VIOLATION OF ANY AGREEMENT REGARDING INTELLECTUAL PROPERTY, CONFIDENTIAL INFORMATION OR NONINTERFERENCE. IN THE EVENT EITHER PARTY SEEKS INJUNCTIVE RELIEF, THE PREVAILING PARTY SHALL BE ENTITLED TO RECOVER REASONABLE COSTS AND ATTORNEYS' FEES.

E. **Administrative Relief.** CONSULTANT UNDERSTANDS THAT EXCEPT AS PERMITTED BY LAW THIS AGREEMENT DOES NOT PROHIBIT CONSULTANT FROM PURSUING CERTAIN ADMINISTRATIVE CLAIMS WITH LOCAL, STATE OR FEDERAL ADMINISTRATIVE BODIES OR GOVERNMENT AGENCIES SUCH AS THE DEPARTMENT OF FAIR EMPLOYMENT AND HOUSING, THE EQUAL EMPLOYMENT OPPORTUNITY COMMISSION, THE NATIONAL LABOR RELATIONS BOARD, OR THE WORKERS' COMPENSATION BOARD. THIS AGREEMENT DOES, HOWEVER, PRECLUDE CONSULTANT FROM BRINGING ANY ALLEGED WAGE CLAIMS WITH THE DEPARTMENT OF LABOR STANDARDS ENFORCEMENT. LIKEWISE, THIS AGREEMENT DOES PRECLUDE CONSULTANT FROM PURSUING COURT ACTION REGARDING ANY ADMINISTRATIVE CLAIMS, EXCEPT AS PERMITTED BY LAW.

F. **Voluntary Nature of Agreement.** CONSULTANT ACKNOWLEDGES AND AGREES THAT CONSULTANT IS EXECUTING THIS AGREEMENT VOLUNTARILY AND WITHOUT ANY DURESS OR UNDUE INFLUENCE BY THE COMPANY OR ANYONE ELSE. CONSULTANT FURTHER ACKNOWLEDGES AND AGREES THAT CONSULTANT HAS CAREFULLY READ THIS AGREEMENT AND THAT CONSULTANT HAS ASKED ANY QUESTIONS NEEDED FOR CONSULTANT TO UNDERSTAND THE TERMS, CONSEQUENCES AND BINDING EFFECT OF THIS AGREEMENT AND FULLY UNDERSTAND IT, INCLUDING THAT **CONSULTANT IS WAIVING CONSULTANT'S RIGHT TO A JURY TRIAL**. FINALLY, CONSULTANT AGREES THAT CONSULTANT HAS BEEN PROVIDED AN OPPORTUNITY TO SEEK THE ADVICE OF AN ATTORNEY OF CONSULTANT'S CHOICE BEFORE SIGNING THIS AGREEMENT.

12. Miscellaneous

A. **Governing Law; Consent to Personal Jurisdiction.** This Agreement shall be governed by the laws of the State of California, without regard to the conflicts of law provisions of any jurisdiction. To the extent that any lawsuit is permitted under this Agreement, the Parties hereby expressly consent to the personal and exclusive jurisdiction and venue of the state and federal courts located in California.

B. **Assignability.** This Agreement will be binding upon Consultant's heirs, executors, assigns, administrators, and other legal representatives, and will be for the benefit of the Company, its successors, and its assigns. There are no intended third-party beneficiaries to this Agreement, except as expressly stated. Except as may otherwise be provided in this Agreement, Consultant may not sell, assign or delegate any rights or obligations under this Agreement. Notwithstanding anything to the contrary herein, Company may assign this Agreement and its rights and obligations under this Agreement to any successor to all or substantially all of Company's relevant assets, whether by merger, consolidation, reorganization, reincorporation, sale of assets or stock, change of control or otherwise.

C. **Entire Agreement.** This Agreement constitutes the entire agreement and understanding between the Parties with respect to the subject matter herein and supersedes all prior written and oral agreements, discussions, or representations between the Parties. Consultant represents and warrants that Consultant is not relying on any statement or representation not contained in this Agreement. To the extent any terms set forth in any exhibit or schedule conflict with the terms set forth in this Agreement, the terms of this Agreement shall control unless otherwise expressly agreed by the Parties in such exhibit or schedule.

D. **Headings.** Headings are used in this Agreement for reference only and shall not be considered when interpreting this Agreement.

E. **Severability.** If a court or other body of competent jurisdiction finds, or the Parties mutually believe, any provision of this Agreement, or portion thereof, to be invalid or unenforceable, such provision will be enforced to the maximum extent permissible so as to effect the intent of the Parties, and the remainder of this Agreement will continue in full force and effect.

F. **Modification, Waiver.** No modification of or amendment to this Agreement, nor any waiver of any rights under this Agreement, will be effective unless in a writing signed by the Parties. Waiver by the Company of a breach of any provision of this Agreement will not operate as a waiver of any other or subsequent breach.

G. **Notices.** Any notice or other communication required or permitted by this Agreement to be given to a Party shall be in writing and shall be deemed given (i) if delivered personally or by commercial messenger or courier service, (ii) when sent by confirmed facsimile, or (iii) if mailed by U.S. registered or certified mail (return receipt requested), to the Party at the Party's address written below or at such other address as the Party may have previously specified by like notice. If by mail, delivery shall be deemed effective three business days after mailing in accordance with this Section 12.G.

(1) If to the Company, to:

Stowe Pharmaceuticals, Inc.
102 Woodmont Blvd., Suite 610
Nashville, TN 37205
Attention: Chief Executive Officer

(2) If to Consultant, to the address for notice on the signature page to this Agreement or, if no such address is provided, to the last address of Consultant provided by Consultant to the Company.

H. **Attorneys' Fees.** In any court action at law or equity that is brought by one of the Parties to this Agreement to enforce or interpret the provisions of this Agreement, the prevailing Party will be entitled to reasonable attorneys' fees, in addition to any other relief to which that Party may be entitled.

I. **Signatures.** This Agreement may be signed in two counterparts, each of which shall be deemed an original, with the same force and effectiveness as though executed in a single document.

J. **Applicability to Past Activities.** Consultant agrees that if and to the extent that Consultant provided any services or made efforts on behalf of or for the benefit of Company, or related to the current or prospective business of Company in anticipation of Consultant's involvement with the Company, that would have been "Services" if performed during the term of this Agreement (the "**Prior Consulting Period**") and to the extent that during the Prior Consulting Period: (i) Consultant received access to any information from or on behalf of Company that would have been "Confidential Information" if Consultant received access to such information during the term of this Agreement; or (ii) Consultant (a) conceived, created, authored, invented, developed or reduced to practice any item (including any intellectual property rights with respect thereto) on behalf of or for the benefit of Company, or related to the current or prospective business of Company in anticipation of Consultant's involvement with Company, that would have been an Invention if conceived, created, authored, invented, developed or reduced to practice during the term of this Agreement; or (b) incorporated into any such item any pre-existing invention, improvement, development, concept, discovery or other proprietary information that would have been a Prior Invention if incorporated into such item during the term of this Agreement; then any such information shall be deemed Confidential Information hereunder and any such item shall be deemed an Invention or Prior Invention hereunder, and this Agreement shall apply to such activities, information or item as if disclosed, conceived, created, authored, invented, developed or reduced to practice during the term of this Agreement. Consultant further acknowledges that Consultant has been fully compensated for all services provided during any such Prior Consulting Period.

K. **Protected Activity Not Prohibited.** Consultant understands that nothing in this Agreement shall in any way limit or prohibit Consultant from engaging in any Protected Activity. For purposes of this Agreement, "**Protected Activity**" shall mean filing a charge, complaint, or report with, or otherwise communicating, cooperating, or participating in any investigation or proceeding that may be conducted by, any federal, state or local government agency or commission, including the Securities and Exchange Commission ("**Government Agencies**"). Consultant understands that in connection with such Protected Activity, Consultant is permitted to disclose documents or other information as permitted by law, and without giving notice to, or receiving authorization from, the Company. Notwithstanding the foregoing, Consultant agrees to take all reasonable precautions to prevent any unauthorized use or disclosure of any information that may constitute Company confidential information to any parties other than the Government Agencies. Consultant further understands that "**Protected Activity**" does not include the disclosure of any Company attorney-client privileged communications. Pursuant to the Defend Trade Secrets Act of 2016, Consultant is notified that an individual will not be held criminally or civilly liable under any federal or state trade secret law for the disclosure of a trade secret that (i) is made in confidence to a federal, state, or local government official (directly or indirectly) or to an attorney *solely* for the purpose of reporting or investigating a suspected violation of law, or (ii) is made in a complaint or other document filed in a lawsuit or other proceeding, if (and only if) such filing is made under seal. In addition, an individual who files a lawsuit for retaliation by an employer for reporting a suspected violation of law may disclose the trade secret to the individual's attorney and use the trade secret information in the court proceeding, if the individual files any document containing the trade secret under seal and does not disclose the trade secret, except pursuant to court order.

(signature page follows)

IN WITNESS WHEREOF, the Parties hereto have executed this Consulting Agreement as of the date first written above.

CONSULTANT

Stowe Pharmaceuticals, Inc.

By: /s/ Mark Baum
Name: Mark L. Baum

By: /s/ Andrew Boll
Name: Andrew R. Boll
Title: Executive Director

Address for Notice:

102 Woodmont Blvd., Suite 610
Nashville, TN 37205

EXHIBIT A

SERVICES AND COMPENSATION

1. **Contact.** Consultant's principal Company contact:

Name: Andrew R. Boll

Title: Executive Director

Email: aboll@harrowinc.com

Phone: (615) 733-4731

2. **Services.** Consultant shall provide management advisory services to the Company relating to its establishment, financing activities and other related services as may be requested from time to time by the Company.

3. **Compensation.**

A. Upon or shortly following commencement of Consultant's Services to the Company, and subject to the approval of the Company's Board of Directors, the Company shall issue to Consultant 900,000 shares of the Company's common stock, par value \$0.0001 per share (the "**Shares**"). The Shares shall be subject to the terms and conditions of the Company's 2020 Equity Incentive Plan (the "**Plan**") and a restricted stock award agreement between the Company and Consultant.

B. The Shares subject to the Restricted Stock Award shall vest upon the earliest of:

- (1) a Change in Control (as defined in the Plan);
- (2) the date of any underwriting agreement between the Company and the underwriter(s) managing an initial public offering of Common Stock, pursuant to which the Common Stock is priced for initial public offering; or
- (3) the date of closing of a bona-fide equity financing with third party investors resulting in cash gross proceeds to the Company of at least \$10,000,000 (the "**Qualified Financing**");

and in any case of (1), (2) and (3), (each a "**Vesting Event**"), subject to Consultant's continuous status as a Service Provider (as defined in the Plan) through the date of such Vesting Event; provided, however, in the event Consultant's continuous status as a Service Provider is terminated by the Company (other than for Cause (as defined in the Plan)) or by death of Consultant prior to the completion of the Term (as defined in this Agreement), the Shares shall vest immediately upon such termination.

C. All payments and benefits provided for under this Agreement are intended to be exempt from or otherwise comply with the requirements of Section 409A of the Internal Revenue Code of 1986, as amended, and the regulations and guidance thereunder (together, "**Section 409A**"), so that none of the payments and benefits to be provided hereunder will be subject to the additional tax imposed under Section 409A, and any ambiguities or ambiguous terms herein will be interpreted to be exempt or so comply. Each payment and benefit payable under this Agreement is intended to constitute a separate payment for purposes of Section 1.409A-2(b)(2) of the Treasury Regulations. In no event will the Company reimburse Consultant for any taxes that may be imposed on Consultant as a result of Section 409A.

This **Exhibit A** is accepted and agreed upon as of February 13, 2020

CONSULTANT

STOWE PHARMACEUTICALS, INC.

By: /s/ Mark Baum

Name: Mark L. Baum

By: /s/ Andrew Boll

Name: Andrew R. Boll

Title: Executive Director

STOWE PHARMACEUTICALS, INC.

CONSULTING AGREEMENT

This Consulting Agreement (this "**Agreement**") is made and entered into as of 2/13/2020 (the "**Effective Date**") by and between Stowe Pharmaceuticals, Inc., a Delaware corporation with its principal place of business at 102 Woodmont Blvd., Suite 610, Nashville, TN 37205 (the "**Company**"), and Andrew R. Boll, an individual with a principal place of business at 102 Woodmont Blvd., Suite 610, Nashville, TN 37205 ("**Consultant**") (each herein referred to individually as a "**Party**," or collectively as the "**Parties**").

The Company desires to retain Consultant as an independent contractor to perform consulting services for the Company, and Consultant is willing to perform such services, on the terms described below. In consideration of the mutual promises contained herein, the Parties agree as follows:

1. Services and Compensation

Consultant shall perform the services described in **Exhibit A** (the "**Services**") for the Company (or its designee), and the Company agrees to pay Consultant the compensation described in **Exhibit A** for Consultant's performance of the Services.

2. Confidentiality

A. Definition of Confidential Information. "**Confidential Information**" means any information (including any and all combinations of individual items of information) that relates to the actual or anticipated business and/or products, research or development of the Company, its affiliates or subsidiaries, or to the Company's, its affiliates' or subsidiaries' technical data, trade secrets, or know-how, including, but not limited to, research, product plans, or other information regarding the Company's, its affiliates' or subsidiaries' products or services and markets therefor, customer lists and customers (including, but not limited to, customers of the Company on whom Consultant called or with whom Consultant became acquainted during the term of this Agreement), software, developments, inventions, discoveries, ideas, processes, formulas, technology, designs, drawings, engineering, hardware configuration information, marketing, finances, and other business information disclosed by the Company, its affiliates or subsidiaries, either directly or indirectly, in writing, orally or by drawings or inspection of premises, parts, equipment, or other property of Company, its affiliates or subsidiaries. Notwithstanding the foregoing, Confidential Information shall not include any such information which Consultant can establish (i) was publicly known or made generally available prior to the time of disclosure to Consultant; (ii) becomes publicly known or made generally available after disclosure to Consultant through no wrongful action or inaction of Consultant; or (iii) is in the rightful possession of Consultant, without confidentiality obligations, at the time of disclosure as shown by Consultant's then-contemporaneous written records; provided that any combination of individual items of information shall not be deemed to be within any of the foregoing exceptions merely because one or more of the individual items are within such exception, unless the combination as a whole is within such exception.

B. **Nonuse and Nondisclosure.** During and after the term of this Agreement, Consultant will hold in the strictest confidence, and take all reasonable precautions to prevent any unauthorized use or disclosure of Confidential Information, and Consultant will not (i) use the Confidential Information for any purpose whatsoever other than as necessary for the performance of the Services on behalf of the Company, or (ii) subject to Consultant's right to engage in Protected Activity (as defined below), disclose the Confidential Information to any third party without the prior written consent of an authorized representative of the Company, except that Consultant may disclose Confidential Information to the extent compelled by applicable law; *provided however*, prior to such disclosure, Consultant shall provide prior written notice to Company and seek a protective order or such similar confidential protection as may be available under applicable law. Consultant agrees that no ownership of Confidential Information is conveyed to the Consultant. Without limiting the foregoing, Consultant shall not use or disclose any Company property, intellectual property rights, trade secrets or other proprietary know-how of the Company to invent, author, make, develop, design, or otherwise enable others to invent, author, make, develop, or design identical or substantially similar designs as those developed under this Agreement for any third party. Consultant agrees that Consultant's obligations under this Section 2.B shall continue after the termination of this Agreement.

C. **Other Client Confidential Information.** Consultant agrees that Consultant will not improperly use, disclose, or induce the Company to use any proprietary information or trade secrets of any former or current employer of Consultant or other person or entity with which Consultant has an obligation to keep in confidence. Consultant also agrees that Consultant will not bring onto the Company's premises or transfer onto the Company's technology systems any unpublished document, proprietary information, or trade secrets belonging to any third party unless disclosure to, and use by, the Company has been consented to in writing by such third party.

D. **Third Party Confidential Information.** Consultant recognizes that the Company has received and in the future will receive from third parties their confidential or proprietary information subject to a duty on the Company's part to maintain the confidentiality of such information and to use it only for certain limited purposes. Consultant agrees that at all times during the term of this Agreement and thereafter, Consultant owes the Company and such third parties a duty to hold all such confidential or proprietary information in the strictest confidence and not to use it or to disclose it to any person, firm, corporation, or other third party except as necessary in carrying out the Services for the Company consistent with the Company's agreement with such third party.

3. Ownership

A. **Assignment of Inventions.** Consultant agrees that all right, title, and interest in and to any copyrightable material, notes, records, drawings, designs, inventions, improvements, developments, discoveries, ideas and trade secrets conceived, discovered, authored, invented, developed or reduced to practice by Consultant, solely or in collaboration with others, during the term of this Agreement and arising out of, or in connection with, performing the Services under this Agreement and any copyrights, patents, trade secrets, mask work rights or other intellectual property rights relating to the foregoing (collectively, "**Inventions**"), are the sole property of the Company. Consultant also agrees to promptly make full written disclosure to the Company of any Inventions and to deliver and assign (or cause to be assigned) and hereby irrevocably assigns fully to the Company all right, title and interest in and to the Inventions.

B. **Pre-Existing Materials.** Subject to Section 3.A, Consultant will provide the Company with prior written notice if, in the course of performing the Services, Consultant incorporates into any Invention or utilizes in the performance of the Services any invention, discovery, idea, original works of authorship, development, improvements, trade secret, concept, or other proprietary information or intellectual property right owned by Consultant or in which Consultant has an interest, prior to, or separate from, performing the Services under this Agreement ("**Prior Inventions**"), and the Company is hereby granted a nonexclusive, royalty-free, perpetual, irrevocable, transferable, worldwide license (with the right to grant and authorize sublicenses) to make, have made, use, import, offer for sale, sell, reproduce, distribute, modify, adapt, prepare derivative works of, display, perform, and otherwise exploit such Prior Inventions, without restriction, including, without limitation, as part of or in connection with such Invention, and to practice any method related thereto. Consultant will not incorporate any invention, discovery, idea, original works of authorship, development, improvements, trade secret, concept, or other proprietary information or intellectual property right owned by any third party into any Invention without Company's prior written permission.

C. **Moral Rights.** Any assignment to the Company of Inventions includes all rights of attribution, paternity, integrity, modification, disclosure and withdrawal, and any other rights throughout the world that may be known as or referred to as "moral rights," "artist's rights," "droit moral," or the like (collectively, "**Moral Rights**"). To the extent that Moral Rights cannot be assigned under applicable law, Consultant hereby waives and agrees not to enforce any and all Moral Rights, including, without limitation, any limitation on subsequent modification, to the extent permitted under applicable law.

D. **Maintenance of Records.** Consultant agrees to keep and maintain adequate, current, accurate, and authentic written records of all Inventions made by Consultant (solely or jointly with others) during the term of this Agreement, and for a period of three (3) years thereafter. The records will be in the form of notes, sketches, drawings, electronic files, reports, or any other format that is customary in the industry and/or otherwise specified by the Company. Such records are and remain the sole property of the Company at all times and upon Company's request, Consultant shall deliver (or cause to be delivered) the same.

E. **Further Assurances.** Consultant agrees to assist Company, or its designee, at the Company's expense, in every proper way to secure the Company's rights in Inventions in any and all countries, including the disclosure to the Company of all pertinent information and data with respect thereto, the execution of all applications, specifications, oaths, assignments and all other instruments that the Company may deem necessary in order to apply for, register, obtain, maintain, defend, and enforce such rights, and in order to deliver, assign and convey to the Company, its successors, assigns and nominees the sole and exclusive right, title, and interest in and to all Inventions and testifying in a suit or other proceeding relating to such Inventions. Consultant further agrees that Consultant's obligations under this Section 3.E shall continue after the termination of this Agreement.

F. **Attorney-in-Fact.** Consultant agrees that, if the Company is unable because of Consultant's unavailability, dissolution, mental or physical incapacity, or for any other reason, to secure Consultant's signature with respect to any Inventions, including, without limitation, for the purpose of applying for or pursuing any application for any United States or foreign patents or mask work or copyright registrations covering the Inventions assigned to the Company in Section 3.A, then Consultant hereby irrevocably designates and appoints the Company and its duly authorized officers and agents as Consultant's agent and attorney-in-fact, to act for and on Consultant's behalf to execute and file any papers and oaths and to do all other lawfully permitted acts with respect to such Inventions to further the prosecution and issuance of patents, copyright and mask work registrations with the same legal force and effect as if executed by Consultant. This power of attorney shall be deemed coupled with an interest, and shall be irrevocable.

4. Conflicting Obligations

A. Consultant represents and warrants that Consultant has no agreements, relationships, or commitments to any other person or entity that conflict with the provisions of this Agreement, Consultant's obligations to the Company under this Agreement, and/or Consultant's ability to perform the Services. Consultant will not enter into any such conflicting agreement during the term of this Agreement.

B. Consultant shall require all Consultant's employees, contractors, or other third-parties performing Services under this Agreement to execute a Confidential Information and Assignment Agreement in a form reasonably acceptable to the Company, and promptly provide a copy of each such executed agreement to the Company. Consultant's violation of this Section 4 will be considered a material breach under Section 6.B.

5. Return of Company Materials

Upon the termination of this Agreement, or upon Company's earlier request, Consultant will immediately deliver to the Company, and will not keep in Consultant's possession, recreate, or deliver to anyone else, any and all Company property, including, but not limited to, Confidential Information, tangible embodiments of the Inventions, all devices and equipment belonging to the Company, all electronically-stored information and passwords to access such property, those records maintained pursuant to Section 3.D and any reproductions of any of the foregoing items that Consultant may have in Consultant's possession or control.

6. Term and Termination

A. **Term.** Consultant commenced providing Services to the Company on or about December 1, 2019 and shall provide the Services through the earlier of (i) one year from the Effective Date, (ii) a Change in Control (as defined in the Company's 2020 Equity Incentive Plan (the "**Plan**")), (iii) the IPO (as defined in the Plan), (iv) a Qualified Financing (as set forth in Exhibit A attached hereto) or (v) such earlier date as the Services are terminated by the Company or Consultant as provided in Section 6.B (the "**Term**").

B. **Termination.** The Company may terminate this Agreement upon giving Consultant fourteen (14) days prior written notice of such termination pursuant to Section 12.G of this Agreement. The Company may terminate this Agreement immediately and without prior notice if Consultant refuses to or is unable to perform the Services or is in breach of any material provision of this Agreement.

C. **Survival.** Upon any termination, all rights and duties of the Company and Consultant toward each other shall cease except:

(1) The Company will pay, within thirty (30) days after the effective date of termination, all amounts owing to Consultant for Services completed and accepted by the Company prior to the termination date and related reimbursable expenses, if any, submitted in accordance with the Company's policies and in accordance with the provisions of Section 1 of this Agreement; and

(2) Section 2 (Confidentiality), Section 3 (Ownership), Section 4.B (Conflicting Obligations), Section 5 (Return of Company Materials), Section 6 (Term and Termination), Section 7 (Independent Contractor; Benefits), Section 8 (Indemnification), Section 9 (Nonsolicitation), Section 10 (Limitation of Liability), Section 11 (Arbitration and Equitable Relief), and Section 12 (Miscellaneous) will survive termination or expiration of this Agreement in accordance with their terms.

7. Independent Contractor; Benefits

A. **Independent Contractor.** It is the express intention of the Company and Consultant that Consultant perform the Services as an independent contractor to the Company. Nothing in this Agreement shall in any way be construed to constitute Consultant as an agent, employee or representative of the Company. Without limiting the generality of the foregoing, Consultant is not authorized to bind the Company to any liability or obligation or to represent that Consultant has any such authority. Consultant agrees to furnish (or reimburse the Company for) all tools and materials necessary to accomplish this Agreement and shall incur all expenses associated with performance. Consultant acknowledges and agrees that Consultant is obligated to report as income all compensation received by Consultant pursuant to this Agreement. Consultant agrees to and acknowledges the obligation to pay all self-employment and other taxes on such income.

B. **Benefits.** The Company and Consultant agree that Consultant will receive no Company-sponsored benefits from the Company where benefits include, but are not limited to, paid vacation, sick leave, medical insurance and 401k participation. If Consultant is reclassified by a state or federal agency or court as the Company's employee, Consultant will become a reclassified employee and will receive no benefits from the Company, except those mandated by state or federal law, even if by the terms of the Company's benefit plans or programs of the Company in effect at the time of such reclassification, Consultant would otherwise be eligible for such benefits.

8. Indemnification

Consultant agrees to indemnify and hold harmless the Company and its affiliates and their directors, officers and employees from and against all taxes, losses, damages, liabilities, costs and expenses, including attorneys' fees and other legal expenses, arising directly or indirectly from or in connection with (i) any negligent, reckless or intentionally wrongful act of Consultant or Consultant's assistants, employees, contractors or agents, (ii) a determination by a court or agency that the Consultant is not an independent contractor, (iii) any breach by the Consultant or Consultant's assistants, employees, contractors or agents of any of the covenants contained in this Agreement and corresponding Confidential Information and Invention Assignment Agreement, (iv) any failure of Consultant to perform the Services in accordance with all applicable laws, rules and regulations, or (v) any violation or claimed violation of a third party's rights resulting in whole, or in part, from the Company's use of the Inventions or other deliverables of Consultant under this Agreement.

9. Nonsolicitation

To the fullest extent permitted under applicable law, from the date of this Agreement until twelve (12) months after the termination of this Agreement for any reason (the "**Restricted Period**"), Consultant will not, without the Company's prior written consent, directly or indirectly, solicit any of the Company's employees to leave their employment, or attempt to solicit employees of the Company, either for Consultant or for any other person or entity. Consultant agrees that nothing in this Section 9 shall affect Consultant's continuing obligations under this Agreement during and after this twelve (12) month period, including, without limitation, Consultant's obligations under Section 2.

10. Limitation of Liability

IN NO EVENT SHALL COMPANY BE LIABLE TO CONSULTANT OR TO ANY OTHER PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR DAMAGES FOR LOST PROFITS OR LOSS OF BUSINESS, HOWEVER CAUSED AND UNDER ANY THEORY OF LIABILITY, WHETHER BASED IN CONTRACT, TORT (INCLUDING NEGLIGENCE) OR OTHER THEORY OF LIABILITY, REGARDLESS OF WHETHER COMPANY WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND NOTWITHSTANDING THE FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY. IN NO EVENT SHALL COMPANY'S LIABILITY ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT EXCEED THE AMOUNTS PAID BY COMPANY TO CONSULTANT UNDER THIS AGREEMENT FOR THE SERVICES, DELIVERABLES OR INVENTION GIVING RISE TO SUCH LIABILITY.

11. Arbitration and Equitable Relief

A. **Arbitration.** IN CONSIDERATION OF CONSULTANT'S CONSULTING RELATIONSHIP WITH THE COMPANY, ITS PROMISE TO ARBITRATE ALL DISPUTES RELATED TO CONSULTANT'S CONSULTING RELATIONSHIP WITH THE COMPANY AND CONSULTANT'S RECEIPT OF THE COMPENSATION AND OTHER BENEFITS PAID TO CONSULTANT BY COMPANY, AT PRESENT AND IN THE FUTURE, CONSULTANT AGREES THAT ANY AND ALL CONTROVERSIES, CLAIMS, OR DISPUTES WITH ANYONE (INCLUDING COMPANY AND ANY EMPLOYEE, OFFICER, DIRECTOR, SHAREHOLDER OR BENEFIT PLAN OF THE COMPANY IN THEIR CAPACITY AS SUCH OR OTHERWISE), ARISING OUT OF, RELATING TO, OR RESULTING FROM CONSULTANT'S CONSULTING OR OTHER RELATIONSHIP WITH THE COMPANY OR THE TERMINATION OF CONSULTANT'S CONSULTING OR OTHER RELATIONSHIP WITH THE COMPANY, INCLUDING ANY BREACH OF THIS AGREEMENT, SHALL BE SUBJECT TO BINDING ARBITRATION PURSUANT TO THE FEDERAL ARBITRATION ACT (THE "FAA"). THE FAA'S SUBSTANTIVE AND PROCEDURAL RULES SHALL EXCLUSIVELY GOVERN AND APPLY WITH FULL FORCE AND EFFECT TO THIS ARBITRATION AGREEMENT, INCLUDING ITS ENFORCEMENT, AND ANY STATE COURT OF COMPETENT JURISDICTION SHALL STAY PROCEEDINGS PENDING ARBITRATION OR COMPEL ARBITRATION IN THE SAME MANNER AS A FEDERAL COURT UNDER THE FAA. CONSULTANT FURTHER AGREES THAT, TO THE FULLEST EXTENT PERMITTED BY LAW, CONSULTANT MAY BRING ANY ARBITRATION PROCEEDING ONLY IN CONSULTANT'S INDIVIDUAL CAPACITY, AND NOT AS A PLAINTIFF, REPRESENTATIVE, OR CLASS MEMBER IN ANY PURPORTED CLASS, COLLECTIVE, OR REPRESENTATIVE LAWSUIT OR PROCEEDING. CONSULTANT MAY, HOWEVER, BRING A PROCEEDING AS A PRIVATE ATTORNEY GENERAL AS PERMITTED BY LAW. **TO THE FULLEST EXTENT PERMITTED BY LAW, CONSULTANT AGREES TO ARBITRATE ANY AND ALL COMMON LAW AND/OR STATUTORY CLAIMS UNDER LOCAL, STATE, OR FEDERAL LAW, INCLUDING, BUT NOT LIMITED TO, CLAIMS UNDER THE CALIFORNIA LABOR CODE, CLAIMS RELATING TO EMPLOYMENT OR INDEPENDENT CONTRACTOR STATUS, CLASSIFICATION, AND RELATIONSHIP WITH THE COMPANY, AND CLAIMS OF BREACH OF CONTRACT, EXCEPT AS PROHIBITED BY LAW. CONSULTANT ALSO AGREES TO ARBITRATE ANY AND ALL DISPUTES ARISING OUT OF OR RELATING TO THE INTERPRETATION OR APPLICATION OF THIS AGREEMENT TO ARBITRATE, BUT NOT DISPUTES ABOUT THE ENFORCEABILITY, REVOCABILITY OR VALIDITY OF THIS AGREEMENT TO ARBITRATE OR THE CLASS, COLLECTIVE AND REPRESENTATIVE PROCEEDING WAIVER HEREIN. WITH RESPECT TO ALL SUCH CLAIMS AND DISPUTES THAT CONSULTANT AGREES TO ARBITRATE, CONSULTANT HEREBY EXPRESSLY AGREES TO WAIVE, AND DOES WAIVE, ANY RIGHT TO A TRIAL BY JURY.** CONSULTANT FURTHER UNDERSTANDS THAT THIS AGREEMENT TO ARBITRATE ALSO APPLIES TO ANY DISPUTES THAT THE COMPANY MAY HAVE WITH CONSULTANT. CONSULTANT UNDERSTANDS THAT NOTHING IN THIS AGREEMENT REQUIRES CONSULTANT TO ARBITRATE CLAIMS THAT CANNOT BE ARBITRATED UNDER APPLICABLE LAW, SUCH AS CLAIMS UNDER THE SARBANES-OXLEY ACT.

B. **Procedure.** CONSULTANT AGREES THAT ANY ARBITRATION WILL BE ADMINISTERED BY JAMS PURSUANT TO ITS EMPLOYMENT ARBITRATION RULES & PROCEDURES (THE "**JAMS RULES**"), WHICH ARE AVAILABLE AT [HTTP://WWW.JAMSADR.COM/RULES-EMPLOYMENT-ARBITRATION/](http://www.jamsadr.com/rules-employment-arbitration/). IF THE JAMS RULES CANNOT BE ENFORCED AS TO THE ARBITRATION, THEN THE PARTIES AGREE THAT THEY WILL ARBITRATE THIS DISPUTE UNDER THE CALIFORNIA ARBITRATION ACT (CALIFORNIA CODE CIV. PROC. § 1280 ET. SEQ (THE "CAA"), PROVIDED, HOWEVER, THAT NOTHING IN THIS PARAGRAPH WILL AFFECT THE APPLICABILITY OF THE FAA TO THE ENFORCEMENT OF THIS ARBITRATION AGREEMENT. CONSULTANT AGREES THAT THE USE OF THE JAMS RULES DOES NOT CHANGE CONSULTANT'S CLASSIFICATION TO THAT OF AN EMPLOYEE. TO THE CONTRARY, CONSULTANT REAFFIRMS THAT CONSULTANT IS AN INDEPENDENT CONTRACTOR. CONSULTANT AGREES THAT THE ARBITRATOR SHALL HAVE THE POWER TO DECIDE ANY MOTIONS BROUGHT BY ANY PARTY TO THE ARBITRATION, INCLUDING MOTIONS FOR SUMMARY JUDGMENT AND/OR ADJUDICATION AND MOTIONS TO DISMISS AND DEMURRERS APPLYING THE STANDARDS SET FORTH UNDER THE CALIFORNIA CODE OF CIVIL PROCEDURE. CONSULTANT AGREES THAT THE ARBITRATOR SHALL ISSUE A WRITTEN DECISION ON THE MERITS. CONSULTANT ALSO AGREES THAT THE ARBITRATOR SHALL HAVE THE POWER TO AWARD ANY REMEDIES AVAILABLE UNDER APPLICABLE LAW, AND THAT THE ARBITRATOR SHALL AWARD ATTORNEYS' FEES AND COSTS TO THE PREVAILING PARTY, WHERE PERMITTED BY APPLICABLE LAW. CONSULTANT AGREES THAT THE DECREE OR AWARD RENDERED BY THE ARBITRATOR MAY BE ENTERED AS A FINAL AND BINDING JUDGMENT IN ANY COURT HAVING JURISDICTION THEREOF. CONSULTANT AGREES THAT THE ARBITRATOR SHALL ADMINISTER AND CONDUCT ANY ARBITRATION IN ACCORDANCE WITH CALIFORNIA LAW, AND THAT THE ARBITRATOR SHALL APPLY SUBSTANTIVE AND PROCEDURAL CALIFORNIA LAW TO ANY DISPUTE OR CLAIM, WITHOUT REFERENCE TO RULES OF CONFLICT OF LAW. CONSULTANT FURTHER AGREES THAT ANY ARBITRATION UNDER THIS AGREEMENT SHALL BE CONDUCTED IN SAN DIEGO COUNTY, CALIFORNIA.

C. **Remedy.** EXCEPT AS PROVIDED BY THE CCP ACT AND THIS AGREEMENT, ARBITRATION SHALL BE THE SOLE, EXCLUSIVE, AND FINAL REMEDY FOR ANY DISPUTE BETWEEN CONSULTANT AND THE COMPANY. ACCORDINGLY, EXCEPT AS PROVIDED FOR BY THE CCP ACT AND THIS AGREEMENT, NEITHER CONSULTANT NOR THE COMPANY WILL BE PERMITTED TO PURSUE COURT ACTION REGARDING CLAIMS THAT ARE SUBJECT TO ARBITRATION.

D. **Availability of Injunctive Relief.** IN ACCORDANCE WITH RULE 1281.8 OF THE CALIFORNIA CODE OF CIVIL PROCEDURE, THE PARTIES AGREE THAT ANY PARTY MAY ALSO PETITION THE COURT FOR INJUNCTIVE RELIEF WHERE EITHER PARTY ALLEGES OR CLAIMS A VIOLATION OF ANY AGREEMENT REGARDING INTELLECTUAL PROPERTY, CONFIDENTIAL INFORMATION OR NONINTERFERENCE. IN THE EVENT EITHER PARTY SEEKS INJUNCTIVE RELIEF, THE PREVAILING PARTY SHALL BE ENTITLED TO RECOVER REASONABLE COSTS AND ATTORNEYS' FEES.

E. **Administrative Relief.** CONSULTANT UNDERSTANDS THAT EXCEPT AS PERMITTED BY LAW THIS AGREEMENT DOES NOT PROHIBIT CONSULTANT FROM PURSUING CERTAIN ADMINISTRATIVE CLAIMS WITH LOCAL, STATE OR FEDERAL ADMINISTRATIVE BODIES OR GOVERNMENT AGENCIES SUCH AS THE DEPARTMENT OF FAIR EMPLOYMENT AND HOUSING, THE EQUAL EMPLOYMENT OPPORTUNITY COMMISSION, THE NATIONAL LABOR RELATIONS BOARD, OR THE WORKERS' COMPENSATION BOARD. THIS AGREEMENT DOES, HOWEVER, PRECLUDE CONSULTANT FROM BRINGING ANY ALLEGED WAGE CLAIMS WITH THE DEPARTMENT OF LABOR STANDARDS ENFORCEMENT. LIKEWISE, THIS AGREEMENT DOES PRECLUDE CONSULTANT FROM PURSUING COURT ACTION REGARDING ANY ADMINISTRATIVE CLAIMS, EXCEPT AS PERMITTED BY LAW.

F. **Voluntary Nature of Agreement.** CONSULTANT ACKNOWLEDGES AND AGREES THAT CONSULTANT IS EXECUTING THIS AGREEMENT VOLUNTARILY AND WITHOUT ANY DURESS OR UNDUE INFLUENCE BY THE COMPANY OR ANYONE ELSE. CONSULTANT FURTHER ACKNOWLEDGES AND AGREES THAT CONSULTANT HAS CAREFULLY READ THIS AGREEMENT AND THAT CONSULTANT HAS ASKED ANY QUESTIONS NEEDED FOR CONSULTANT TO UNDERSTAND THE TERMS, CONSEQUENCES AND BINDING EFFECT OF THIS AGREEMENT AND FULLY UNDERSTAND IT, INCLUDING THAT **CONSULTANT IS WAIVING CONSULTANT'S RIGHT TO A JURY TRIAL**. FINALLY, CONSULTANT AGREES THAT CONSULTANT HAS BEEN PROVIDED AN OPPORTUNITY TO SEEK THE ADVICE OF AN ATTORNEY OF CONSULTANT'S CHOICE BEFORE SIGNING THIS AGREEMENT.

12. Miscellaneous

A. **Governing Law; Consent to Personal Jurisdiction.** This Agreement shall be governed by the laws of the State of California, without regard to the conflicts of law provisions of any jurisdiction. To the extent that any lawsuit is permitted under this Agreement, the Parties hereby expressly consent to the personal and exclusive jurisdiction and venue of the state and federal courts located in California.

B. **Assignability.** This Agreement will be binding upon Consultant's heirs, executors, assigns, administrators, and other legal representatives, and will be for the benefit of the Company, its successors, and its assigns. There are no intended third-party beneficiaries to this Agreement, except as expressly stated. Except as may otherwise be provided in this Agreement, Consultant may not sell, assign or delegate any rights or obligations under this Agreement. Notwithstanding anything to the contrary herein, Company may assign this Agreement and its rights and obligations under this Agreement to any successor to all or substantially all of Company's relevant assets, whether by merger, consolidation, reorganization, reincorporation, sale of assets or stock, change of control or otherwise.

C. **Entire Agreement.** This Agreement constitutes the entire agreement and understanding between the Parties with respect to the subject matter herein and supersedes all prior written and oral agreements, discussions, or representations between the Parties. Consultant represents and warrants that Consultant is not relying on any statement or representation not contained in this Agreement. To the extent any terms set forth in any exhibit or schedule conflict with the terms set forth in this Agreement, the terms of this Agreement shall control unless otherwise expressly agreed by the Parties in such exhibit or schedule.

D. **Headings.** Headings are used in this Agreement for reference only and shall not be considered when interpreting this Agreement.

E. **Severability.** If a court or other body of competent jurisdiction finds, or the Parties mutually believe, any provision of this Agreement, or portion thereof, to be invalid or unenforceable, such provision will be enforced to the maximum extent permissible so as to effect the intent of the Parties, and the remainder of this Agreement will continue in full force and effect.

F. **Modification, Waiver.** No modification of or amendment to this Agreement, nor any waiver of any rights under this Agreement, will be effective unless in a writing signed by the Parties. Waiver by the Company of a breach of any provision of this Agreement will not operate as a waiver of any other or subsequent breach.

G. **Notices.** Any notice or other communication required or permitted by this Agreement to be given to a Party shall be in writing and shall be deemed given (i) if delivered personally or by commercial messenger or courier service, (ii) when sent by confirmed facsimile, or (iii) if mailed by U.S. registered or certified mail (return receipt requested), to the Party at the Party's address written below or at such other address as the Party may have previously specified by like notice. If by mail, delivery shall be deemed effective three business days after mailing in accordance with this Section 12.G.

(1) If to the Company, to:

Stowe Pharmaceuticals, Inc.
102 Woodmont Blvd., Suite 610
Nashville, TN 37205
Attention: Chief Executive Officer

(2) If to Consultant, to the address for notice on the signature page to this Agreement or, if no such address is provided, to the last address of Consultant provided by Consultant to the Company.

H. **Attorneys' Fees.** In any court action at law or equity that is brought by one of the Parties to this Agreement to enforce or interpret the provisions of this Agreement, the prevailing Party will be entitled to reasonable attorneys' fees, in addition to any other relief to which that Party may be entitled.

I. **Signatures.** This Agreement may be signed in two counterparts, each of which shall be deemed an original, with the same force and effectiveness as though executed in a single document.

J. **Applicability to Past Activities.** Consultant agrees that if and to the extent that Consultant provided any services or made efforts on behalf of or for the benefit of Company, or related to the current or prospective business of Company in anticipation of Consultant's involvement with the Company, that would have been "Services" if performed during the term of this Agreement (the "**Prior Consulting Period**") and to the extent that during the Prior Consulting Period: (i) Consultant received access to any information from or on behalf of Company that would have been "Confidential Information" if Consultant received access to such information during the term of this Agreement; or (ii) Consultant (a) conceived, created, authored, invented, developed or reduced to practice any item (including any intellectual property rights with respect thereto) on behalf of or for the benefit of Company, or related to the current or prospective business of Company in anticipation of Consultant's involvement with Company, that would have been an Invention if conceived, created, authored, invented, developed or reduced to practice during the term of this Agreement; or (b) incorporated into any such item any pre-existing invention, improvement, development, concept, discovery or other proprietary information that would have been a Prior Invention if incorporated into such item during the term of this Agreement; then any such information shall be deemed Confidential Information hereunder and any such item shall be deemed an Invention or Prior Invention hereunder, and this Agreement shall apply to such activities, information or item as if disclosed, conceived, created, authored, invented, developed or reduced to practice during the term of this Agreement. Consultant further acknowledges that Consultant has been fully compensated for all services provided during any such Prior Consulting Period.

K. **Protected Activity Not Prohibited.** Consultant understands that nothing in this Agreement shall in any way limit or prohibit Consultant from engaging in any Protected Activity. For purposes of this Agreement, "**Protected Activity**" shall mean filing a charge, complaint, or report with, or otherwise communicating, cooperating, or participating in any investigation or proceeding that may be conducted by, any federal, state or local government agency or commission, including the Securities and Exchange Commission ("**Government Agencies**"). Consultant understands that in connection with such Protected Activity, Consultant is permitted to disclose documents or other information as permitted by law, and without giving notice to, or receiving authorization from, the Company. Notwithstanding the foregoing, Consultant agrees to take all reasonable precautions to prevent any unauthorized use or disclosure of any information that may constitute Company confidential information to any parties other than the Government Agencies. Consultant further understands that "**Protected Activity**" does not include the disclosure of any Company attorney-client privileged communications. Pursuant to the Defend Trade Secrets Act of 2016, Consultant is notified that an individual will not be held criminally or civilly liable under any federal or state trade secret law for the disclosure of a trade secret that (i) is made in confidence to a federal, state, or local government official (directly or indirectly) or to an attorney *solely* for the purpose of reporting or investigating a suspected violation of law, or (ii) is made in a complaint or other document filed in a lawsuit or other proceeding, if (and only if) such filing is made under seal. In addition, an individual who files a lawsuit for retaliation by an employer for reporting a suspected violation of law may disclose the trade secret to the individual's attorney and use the trade secret information in the court proceeding, if the individual files any document containing the trade secret under seal and does not disclose the trade secret, except pursuant to court order.

(signature page follows)

IN WITNESS WHEREOF, the Parties hereto have executed this Consulting Agreement as of the date first written above.

CONSULTANT

Stowe Pharmaceuticals, Inc.

By: /s/ Andrew Boll
Name: Andrew R. Boll

By: /s/ Mark Baum
Name: Mark L. Baum
Title: Executive Director

Address for Notice:

EXHIBIT A

SERVICES AND COMPENSATION

1. **Contact.** Consultant's principal Company contact:

Name: Andrew R. Boll

Title: Executive Director

Email: aboll@harrowinc.com

Phone: (615) 733-4731

2. **Services.** Consultant shall provide management advisory services to the Company relating to its establishment, financing activities and other related services as may be requested from time to time by the Company.

3. **Compensation.**

A. Upon or shortly following commencement of Consultant's Services to the Company, and subject to the approval of the Company's Board of Directors, the Company shall issue to Consultant 375,000 shares of the Company's common stock, par value \$0.0001 per share (the "**Shares**"). The Shares shall be subject to the terms and conditions of the Company's 2020 Equity Incentive Plan (the "**Plan**") and a restricted stock award agreement between the Company and Consultant.

B. The Shares subject to the Restricted Stock Award shall vest upon the earliest of:

- (1) a Change in Control (as defined in the Plan);
- (2) the date of any underwriting agreement between the Company and the underwriter(s) managing an initial public offering of Common Stock, pursuant to which the Common Stock is priced for initial public offering; or
- (3) the date of closing of a bona-fide equity financing with third party investors resulting in cash gross proceeds to the Company of at least \$10,000,000 (the "**Qualified Financing**");

and in any case of (1), (2) and (3), (each, a "**Vesting Event**"), subject to Grantee's continuous status as a Service Provider (as defined in the Plan) through the date of such Vesting Event; provided, however, in the event Grantee's continuous status as a Service Provider (as defined in the Plan) is terminated by the Company (other than for Cause (as defined in the Plan) or by death of Grantee) prior to the completion of any Vesting Event, the shares subject to the Restricted Stock Award shall be deemed to have vested in accordance with the following vesting schedule: the shares shall vest in equal monthly installments over the six (6) months following the date hereof, on the same date of the month.

C. All payments and benefits provided for under this Agreement are intended to be exempt from or otherwise comply with the requirements of Section 409A of the Internal Revenue Code of 1986, as amended, and the regulations and guidance thereunder (together, "**Section 409A**"), so that none of the payments and benefits to be provided hereunder will be subject to the additional tax imposed under Section 409A, and any ambiguities or ambiguous terms herein will be interpreted to be exempt or so comply. Each payment and benefit payable under this Agreement is intended to constitute a separate payment for purposes of Section 1.409A-2(b)(2) of the Treasury Regulations. In no event will the Company reimburse Consultant for any taxes that may be imposed on Consultant as a result of Section 409A.

This **Exhibit A** is accepted and agreed upon as of February 13, 2020.

CONSULTANT

By: /s/ Andrew Boll
Name: Andrew R. Boll

STOWE PHARMACEUTICALS, INC.

By: /s/ Mark BAum
Name: Mark L. Baum
Title: Executive Director

STOWE PHARMACEUTICALS, INC.

CONSULTING AGREEMENT

This Consulting Agreement (this "**Agreement**") is made and entered into as of February 13, 2020 (the "**Effective Date**") by and between Stowe Pharmaceuticals, Inc., a Delaware corporation with its principal place of business at 102 Woodmont Blvd., Suite 610, Nashville, TN 37205 (the "**Company**"), and John Saharek, an individual with a principal place of business at 12264 El Camino Real, Suite 350, San Diego, CA 92130 ("**Consultant**") (each herein referred to individually as a "**Party**," or collectively as the "**Parties**").

The Company desires to retain Consultant as an independent contractor to perform consulting services for the Company, and Consultant is willing to perform such services, on the terms described below. In consideration of the mutual promises contained herein, the Parties agree as follows:

1. Services and Compensation

Consultant shall perform the services described in **Exhibit A** (the "**Services**") for the Company (or its designee), and the Company agrees to pay Consultant the compensation described in **Exhibit A** for Consultant's performance of the Services.

2. Confidentiality

A. Definition of Confidential Information. "**Confidential Information**" means any information (including any and all combinations of individual items of information) that relates to the actual or anticipated business and/or products, research or development of the Company, its affiliates or subsidiaries, or to the Company's, its affiliates' or subsidiaries' technical data, trade secrets, or know-how, including, but not limited to, research, product plans, or other information regarding the Company's, its affiliates' or subsidiaries' products or services and markets therefor, customer lists and customers (including, but not limited to, customers of the Company on whom Consultant called or with whom Consultant became acquainted during the term of this Agreement), software, developments, inventions, discoveries, ideas, processes, formulas, technology, designs, drawings, engineering, hardware configuration information, marketing, finances, and other business information disclosed by the Company, its affiliates or subsidiaries, either directly or indirectly, in writing, orally or by drawings or inspection of premises, parts, equipment, or other property of Company, its affiliates or subsidiaries. Notwithstanding the foregoing, Confidential Information shall not include any such information which Consultant can establish (i) was publicly known or made generally available prior to the time of disclosure to Consultant; (ii) becomes publicly known or made generally available after disclosure to Consultant through no wrongful action or inaction of Consultant; or (iii) is in the rightful possession of Consultant, without confidentiality obligations, at the time of disclosure as shown by Consultant's then-contemporaneous written records; provided that any combination of individual items of information shall not be deemed to be within any of the foregoing exceptions merely because one or more of the individual items are within such exception, unless the combination as a whole is within such exception.

B. Nonuse and Nondisclosure. During and after the term of this Agreement, Consultant will hold in the strictest confidence, and take all reasonable precautions to prevent any unauthorized use or disclosure of Confidential Information, and Consultant will not (i) use the Confidential Information for any purpose whatsoever other than as necessary for the performance of the Services on behalf of the Company, or (ii) subject to Consultant's right to engage in Protected Activity (as defined below), disclose the Confidential Information to any third party without the prior written consent of an authorized representative of the Company, except that Consultant may disclose Confidential Information to the extent compelled by applicable law; *provided however*, prior to such disclosure, Consultant shall provide prior written notice to Company and seek a protective order or such similar confidential protection as may be available under applicable law. Consultant agrees that no ownership of Confidential Information is conveyed to the Consultant. Without limiting the foregoing, Consultant shall not use or disclose any Company property, intellectual property rights, trade secrets or other proprietary know-how of the Company to invent, author, make, develop, design, or otherwise enable others to invent, author, make, develop, or design identical or substantially similar designs as those developed under this Agreement for any third party. Consultant agrees that Consultant's obligations under this Section 2.B shall continue after the termination of this Agreement.

C. Other Client Confidential Information. Consultant agrees that Consultant will not improperly use, disclose, or induce the Company to use any proprietary information or trade secrets of any former or current employer of Consultant or other person or entity with which Consultant has an obligation to keep in confidence. Consultant also agrees that Consultant will not bring onto the Company's premises or transfer onto the Company's technology systems any unpublished document, proprietary information, or trade secrets belonging to any third party unless disclosure to, and use by, the Company has been consented to in writing by such third party.

D. Third Party Confidential Information. Consultant recognizes that the Company has received and in the future will receive from third parties their confidential or proprietary information subject to a duty on the Company's part to maintain the confidentiality of such information and to use it only for certain limited purposes. Consultant agrees that at all times during the term of this Agreement and thereafter, Consultant owes the Company and such third parties a duty to hold all such confidential or proprietary information in the strictest confidence and not to use it or to disclose it to any person, firm, corporation, or other third party except as necessary in carrying out the Services for the Company consistent with the Company's agreement with such third party.

3. Ownership

A. Assignment of Inventions. Consultant agrees that all right, title, and interest in and to any copyrightable material, notes, records, drawings, designs, inventions, improvements, developments, discoveries, ideas and trade secrets conceived, discovered, authored, invented, developed or reduced to practice by Consultant, solely or in collaboration with others, during the term of this Agreement and arising out of, or in connection with, performing the Services under this Agreement and any copyrights, patents, trade secrets, mask work rights or other intellectual property rights relating to the foregoing (collectively, "**Inventions**"), are the sole property of the Company. Consultant also agrees to promptly make full written disclosure to the Company of any Inventions and to deliver and assign (or cause to be assigned) and hereby irrevocably assigns fully to the Company all right, title and interest in and to the Inventions.

B. Pre-Existing Materials. Subject to Section 3.A, Consultant will provide the Company with prior written notice if, in the course of performing the Services, Consultant incorporates into any Invention or utilizes in the performance of the Services any invention, discovery, idea, original works of authorship, development, improvements, trade secret, concept, or other proprietary information or intellectual property right owned by Consultant or in which Consultant has an interest, prior to, or separate from, performing the Services under this Agreement ("**Prior Inventions**"), and the Company is hereby granted a nonexclusive, royalty-free, perpetual, irrevocable, transferable, worldwide license (with the right to grant and authorize sublicenses) to make, have made, use, import, offer for sale, sell, reproduce, distribute, modify, adapt, prepare derivative works of, display, perform, and otherwise exploit such Prior Inventions, without restriction, including, without limitation, as part of or in connection with such Invention, and to practice any method related thereto. Consultant will not incorporate any invention, discovery, idea, original works of authorship, development, improvements, trade secret, concept, or other proprietary information or intellectual property right owned by any third party into any Invention without Company's prior written permission.

C. **Moral Rights.** Any assignment to the Company of Inventions includes all rights of attribution, paternity, integrity, modification, disclosure and withdrawal, and any other rights throughout the world that may be known as or referred to as "moral rights," "artist's rights," "droit moral," or the like (collectively, "**Moral Rights**"). To the extent that Moral Rights cannot be assigned under applicable law, Consultant hereby waives and agrees not to enforce any and all Moral Rights, including, without limitation, any limitation on subsequent modification, to the extent permitted under applicable law.

D. **Maintenance of Records.** Consultant agrees to keep and maintain adequate, current, accurate, and authentic written records of all Inventions made by Consultant (solely or jointly with others) during the term of this Agreement, and for a period of three (3) years thereafter. The records will be in the form of notes, sketches, drawings, electronic files, reports, or any other format that is customary in the industry and/or otherwise specified by the Company. Such records are and remain the sole property of the Company at all times and upon Company's request, Consultant shall deliver (or cause to be delivered) the same.

E. **Further Assurances.** Consultant agrees to assist Company, or its designee, at the Company's expense, in every proper way to secure the Company's rights in Inventions in any and all countries, including the disclosure to the Company of all pertinent information and data with respect thereto, the execution of all applications, specifications, oaths, assignments and all other instruments that the Company may deem necessary in order to apply for, register, obtain, maintain, defend, and enforce such rights, and in order to deliver, assign and convey to the Company, its successors, assigns and nominees the sole and exclusive right, title, and interest in and to all Inventions and testifying in a suit or other proceeding relating to such Inventions. Consultant further agrees that Consultant's obligations under this Section 3.E shall continue after the termination of this Agreement.

F. **Attorney-in-Fact.** Consultant agrees that, if the Company is unable because of Consultant's unavailability, dissolution, mental or physical incapacity, or for any other reason, to secure Consultant's signature with respect to any Inventions, including, without limitation, for the purpose of applying for or pursuing any application for any United States or foreign patents or mask work or copyright registrations covering the Inventions assigned to the Company in Section 3.A, then Consultant hereby irrevocably designates and appoints the Company and its duly authorized officers and agents as Consultant's agent and attorney-in-fact, to act for and on Consultant's behalf to execute and file any papers and oaths and to do all other lawfully permitted acts with respect to such Inventions to further the prosecution and issuance of patents, copyright and mask work registrations with the same legal force and effect as if executed by Consultant. This power of attorney shall be deemed coupled with an interest, and shall be irrevocable.

4. Conflicting Obligations

A. Consultant represents and warrants that Consultant has no agreements, relationships, or commitments to any other person or entity that conflict with the provisions of this Agreement, Consultant's obligations to the Company under this Agreement, and/or Consultant's ability to perform the Services. Consultant will not enter into any such conflicting agreement during the term of this Agreement.

B. Consultant shall require all Consultant's employees, contractors, or other third-parties performing Services under this Agreement to execute a Confidential Information and Assignment Agreement in a form reasonably acceptable to the Company, and promptly provide a copy of each such executed agreement to the Company. Consultant's violation of this Section 4 will be considered a material breach under Section 6.B.

5. Return of Company Materials

Upon the termination of this Agreement, or upon Company's earlier request, Consultant will immediately deliver to the Company, and will not keep in Consultant's possession, recreate, or deliver to anyone else, any and all Company property, including, but not limited to, Confidential Information, tangible embodiments of the Inventions, all devices and equipment belonging to the Company, all electronically-stored information and passwords to access such property, those records maintained pursuant to Section 3.D and any reproductions of any of the foregoing items that Consultant may have in Consultant's possession or control.

6. Term and Termination

A. **Term.** Consultant commenced providing Services to the Company on or about December 1, 2019 and shall provide the Services through the earlier of (i) one year from the Effective Date, (ii) a Change in Control (as defined in the Company's 2020 Equity Incentive Plan (the "**Plan**")), (iii) the IPO (as defined in the Plan), (iv) a Qualified Financing (as set forth in Exhibit A attached hereto) or (v) such earlier date as the Services are terminated by the Company or Consultant as provided in Section 6.B (the "**Term**").

B. **Termination.** The Company may terminate this Agreement upon giving Consultant fourteen (14) days prior written notice of such termination pursuant to Section 12.G of this Agreement. The Company may terminate this Agreement immediately and without prior notice if Consultant refuses to or is unable to perform the Services or is in breach of any material provision of this Agreement.

C. **Survival.** Upon any termination, all rights and duties of the Company and Consultant toward each other shall cease except:

(1) The Company will pay, within thirty (30) days after the effective date of termination, all amounts owing to Consultant for Services completed and accepted by the Company prior to the termination date and related reimbursable expenses, if any, submitted in accordance with the Company's policies and in accordance with the provisions of Section 1 of this Agreement; and

(2) Section 2 (Confidentiality), Section 3 (Ownership), Section 4.B (Conflicting Obligations), Section 5 (Return of Company Materials), Section 6 (Term and Termination), Section 7 (Independent Contractor; Benefits), Section 8 (Indemnification), Section 9 (Nonsolicitation), Section 10 (Limitation of Liability), Section 11 (Arbitration and Equitable Relief), and Section 12 (Miscellaneous) will survive termination or expiration of this Agreement in accordance with their terms.

7. Independent Contractor; Benefits

A. **Independent Contractor.** It is the express intention of the Company and Consultant that Consultant perform the Services as an independent contractor to the Company. Nothing in this Agreement shall in any way be construed to constitute Consultant as an agent, employee or representative of the Company. Without limiting the generality of the foregoing, Consultant is not authorized to bind the Company to any liability or obligation or to represent that Consultant has any such authority. Consultant agrees to furnish (or reimburse the Company for) all tools and materials necessary to accomplish this Agreement and shall incur all expenses associated with performance. Consultant acknowledges and agrees that Consultant is obligated to report as income all compensation received by Consultant pursuant to this Agreement. Consultant agrees to and acknowledges the obligation to pay all self-employment and other taxes on such income.

B. **Benefits.** The Company and Consultant agree that Consultant will receive no Company-sponsored benefits from the Company where benefits include, but are not limited to, paid vacation, sick leave, medical insurance and 401k participation. If Consultant is reclassified by a state or federal agency or court as the Company's employee, Consultant will become a reclassified employee and will receive no benefits from the Company, except those mandated by state or federal law, even if by the terms of the Company's benefit plans or programs of the Company in effect at the time of such reclassification, Consultant would otherwise be eligible for such benefits.

8. Indemnification

Consultant agrees to indemnify and hold harmless the Company and its affiliates and their directors, officers and employees from and against all taxes, losses, damages, liabilities, costs and expenses, including attorneys' fees and other legal expenses, arising directly or indirectly from or in connection with (i) any negligent, reckless or intentionally wrongful act of Consultant or Consultant's assistants, employees, contractors or agents, (ii) a determination by a court or agency that the Consultant is not an independent contractor, (iii) any breach by the Consultant or Consultant's assistants, employees, contractors or agents of any of the covenants contained in this Agreement and corresponding Confidential Information and Invention Assignment Agreement, (iv) any failure of Consultant to perform the Services in accordance with all applicable laws, rules and regulations, or (v) any violation or claimed violation of a third party's rights resulting in whole, or in part, from the Company's use of the Inventions or other deliverables of Consultant under this Agreement.

9. Nonsolicitation

To the fullest extent permitted under applicable law, from the date of this Agreement until twelve (12) months after the termination of this Agreement for any reason (the "**Restricted Period**"), Consultant will not, without the Company's prior written consent, directly or indirectly, solicit any of the Company's employees to leave their employment, or attempt to solicit employees of the Company, either for Consultant or for any other person or entity. Consultant agrees that nothing in this Section 9 shall affect Consultant's continuing obligations under this Agreement during and after this twelve (12) month period, including, without limitation, Consultant's obligations under Section 2

10. Limitation of Liability

IN NO EVENT SHALL COMPANY BE LIABLE TO CONSULTANT OR TO ANY OTHER PARTY FOR ANY INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES, OR DAMAGES FOR LOST PROFITS OR LOSS OF BUSINESS, HOWEVER CAUSED AND UNDER ANY THEORY OF LIABILITY, WHETHER BASED IN CONTRACT, TORT (INCLUDING NEGLIGENCE) OR OTHER THEORY OF LIABILITY, REGARDLESS OF WHETHER COMPANY WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES AND NOTWITHSTANDING THE FAILURE OF ESSENTIAL PURPOSE OF ANY LIMITED REMEDY. IN NO EVENT SHALL COMPANY'S LIABILITY ARISING OUT OF OR IN CONNECTION WITH THIS AGREEMENT EXCEED THE AMOUNTS PAID BY COMPANY TO CONSULTANT UNDER THIS AGREEMENT FOR THE SERVICES, DELIVERABLES OR INVENTION GIVING RISE TO SUCH LIABILITY.

11. Arbitration and Equitable Relief

A. **Arbitration.** IN CONSIDERATION OF CONSULTANT'S CONSULTING RELATIONSHIP WITH THE COMPANY, ITS PROMISE TO ARBITRATE ALL DISPUTES RELATED TO CONSULTANT'S CONSULTING RELATIONSHIP WITH THE COMPANY AND CONSULTANT'S RECEIPT OF THE COMPENSATION AND OTHER BENEFITS PAID TO CONSULTANT BY COMPANY, AT PRESENT AND IN THE FUTURE, CONSULTANT AGREES THAT ANY AND ALL CONTROVERSIES, CLAIMS, OR DISPUTES WITH ANYONE (INCLUDING COMPANY AND ANY EMPLOYEE, OFFICER, DIRECTOR, SHAREHOLDER OR BENEFIT PLAN OF THE COMPANY IN THEIR CAPACITY AS SUCH OR OTHERWISE), ARISING OUT OF, RELATING TO, OR RESULTING FROM CONSULTANT'S CONSULTING OR OTHER RELATIONSHIP WITH THE COMPANY OR THE TERMINATION OF CONSULTANT'S CONSULTING OR OTHER RELATIONSHIP WITH THE COMPANY, INCLUDING ANY BREACH OF THIS AGREEMENT, SHALL BE SUBJECT TO BINDING ARBITRATION PURSUANT TO THE FEDERAL ARBITRATION ACT (THE "FAA"). THE FAA'S SUBSTANTIVE AND PROCEDURAL RULES SHALL EXCLUSIVELY GOVERN AND APPLY WITH FULL FORCE AND EFFECT TO THIS ARBITRATION AGREEMENT, INCLUDING ITS ENFORCEMENT, AND ANY STATE COURT OF COMPETENT JURISDICTION SHALL STAY PROCEEDINGS PENDING ARBITRATION OR COMPEL ARBITRATION IN THE SAME MANNER AS A FEDERAL COURT UNDER THE FAA. CONSULTANT FURTHER AGREES THAT, TO THE FULLEST EXTENT PERMITTED BY LAW, CONSULTANT MAY BRING ANY ARBITRATION PROCEEDING ONLY IN CONSULTANT'S INDIVIDUAL CAPACITY, AND NOT AS A PLAINTIFF, REPRESENTATIVE, OR CLASS MEMBER IN ANY PURPORTED CLASS, COLLECTIVE, OR REPRESENTATIVE LAWSUIT OR PROCEEDING. CONSULTANT MAY, HOWEVER, BRING A PROCEEDING AS A PRIVATE ATTORNEY GENERAL AS PERMITTED BY LAW. **TO THE FULLEST EXTENT PERMITTED BY LAW, CONSULTANT AGREES TO ARBITRATE ANY AND ALL COMMON LAW AND/OR STATUTORY CLAIMS UNDER LOCAL, STATE, OR FEDERAL LAW, INCLUDING, BUT NOT LIMITED TO, CLAIMS UNDER THE CALIFORNIA LABOR CODE, CLAIMS RELATING TO EMPLOYMENT OR INDEPENDENT CONTRACTOR STATUS, CLASSIFICATION, AND RELATIONSHIP WITH THE COMPANY, AND CLAIMS OF BREACH OF CONTRACT, EXCEPT AS PROHIBITED BY LAW. CONSULTANT ALSO AGREES TO ARBITRATE ANY AND ALL DISPUTES ARISING OUT OF OR RELATING TO THE INTERPRETATION OR APPLICATION OF THIS AGREEMENT TO ARBITRATE, BUT NOT DISPUTES ABOUT THE ENFORCEABILITY, REVOCABILITY OR VALIDITY OF THIS AGREEMENT TO ARBITRATE OR THE CLASS, COLLECTIVE AND REPRESENTATIVE PROCEEDING WAIVER HEREIN. WITH RESPECT TO ALL SUCH CLAIMS AND DISPUTES THAT CONSULTANT AGREES TO ARBITRATE, CONSULTANT HEREBY EXPRESSLY AGREES TO WAIVE, AND DOES WAIVE, ANY RIGHT TO A TRIAL BY JURY.** CONSULTANT FURTHER UNDERSTANDS THAT THIS AGREEMENT TO ARBITRATE ALSO APPLIES TO ANY DISPUTES THAT THE COMPANY MAY HAVE WITH CONSULTANT. CONSULTANT UNDERSTANDS THAT NOTHING IN THIS AGREEMENT REQUIRES CONSULTANT TO ARBITRATE CLAIMS THAT CANNOT BE ARBITRATED UNDER APPLICABLE LAW, SUCH AS CLAIMS UNDER THE SARBANES-OXLEY ACT.

B. **Procedure.** CONSULTANT AGREES THAT ANY ARBITRATION WILL BE ADMINISTERED BY JAMS PURSUANT TO ITS EMPLOYMENT ARBITRATION RULES & PROCEDURES (THE "**JAMS RULES**"), WHICH ARE AVAILABLE AT [HTTP://WWW.JAMSADR.COM/RULES-EMPLOYMENT-ARBITRATION/](http://www.jamsadr.com/rules-employment-arbitration/). IF THE JAMS RULES CANNOT BE ENFORCED AS TO THE ARBITRATION, THEN THE PARTIES AGREE THAT THEY WILL ARBITRATE THIS DISPUTE UNDER THE CALIFORNIA ARBITRATION ACT (CALIFORNIA CODE CIV. PROC. § 1280 ET. SEQ (THE "CAA")), PROVIDED, HOWEVER, THAT NOTHING IN THIS PARAGRAPH WILL AFFECT THE APPLICABILITY OF THE FAA TO THE ENFORCEMENT OF THIS ARBITRATION AGREEMENT. CONSULTANT AGREES THAT THE USE OF THE JAMS RULES DOES NOT CHANGE CONSULTANT'S CLASSIFICATION TO THAT OF AN EMPLOYEE. TO THE CONTRARY, CONSULTANT REAFFIRMS THAT CONSULTANT IS AN INDEPENDENT CONTRACTOR. CONSULTANT AGREES THAT THE ARBITRATOR SHALL HAVE THE POWER TO DECIDE ANY MOTIONS BROUGHT BY ANY PARTY TO THE ARBITRATION, INCLUDING MOTIONS FOR SUMMARY JUDGMENT AND/OR ADJUDICATION AND MOTIONS TO DISMISS AND DEMURRERS APPLYING THE STANDARDS SET FORTH UNDER THE CALIFORNIA CODE OF CIVIL PROCEDURE. CONSULTANT AGREES THAT THE ARBITRATOR SHALL ISSUE A WRITTEN DECISION ON THE MERITS. CONSULTANT ALSO AGREES THAT THE ARBITRATOR SHALL HAVE THE POWER TO AWARD ANY REMEDIES AVAILABLE UNDER APPLICABLE LAW, AND THAT THE ARBITRATOR SHALL AWARD ATTORNEYS' FEES AND COSTS TO THE PREVAILING PARTY, WHERE PERMITTED BY APPLICABLE LAW. CONSULTANT AGREES THAT THE DECREE OR AWARD RENDERED BY THE ARBITRATOR MAY BE ENTERED AS A FINAL AND BINDING JUDGMENT IN ANY COURT HAVING JURISDICTION THEREOF. CONSULTANT AGREES THAT THE ARBITRATOR SHALL ADMINISTER AND CONDUCT ANY ARBITRATION IN ACCORDANCE WITH CALIFORNIA LAW, AND THAT THE ARBITRATOR SHALL APPLY SUBSTANTIVE AND PROCEDURAL CALIFORNIA LAW TO ANY DISPUTE OR CLAIM, WITHOUT REFERENCE TO RULES OF CONFLICT OF LAW. CONSULTANT FURTHER AGREES THAT ANY ARBITRATION UNDER THIS AGREEMENT SHALL BE CONDUCTED IN SAN DIEGO COUNTY, CALIFORNIA.

C. **Remedy.** EXCEPT AS PROVIDED BY THE CCP ACT AND THIS AGREEMENT, ARBITRATION SHALL BE THE SOLE, EXCLUSIVE, AND FINAL REMEDY FOR ANY DISPUTE BETWEEN CONSULTANT AND THE COMPANY. ACCORDINGLY, EXCEPT AS PROVIDED FOR BY THE CCP ACT AND THIS AGREEMENT, NEITHER CONSULTANT NOR THE COMPANY WILL BE PERMITTED TO PURSUE COURT ACTION REGARDING CLAIMS THAT ARE SUBJECT TO ARBITRATION.

D. **Availability of Injunctive Relief.** IN ACCORDANCE WITH RULE 1281.8 OF THE CALIFORNIA CODE OF CIVIL PROCEDURE, THE PARTIES AGREE THAT ANY PARTY MAY ALSO PETITION THE COURT FOR INJUNCTIVE RELIEF WHERE EITHER PARTY ALLEGES OR CLAIMS A VIOLATION OF ANY AGREEMENT REGARDING INTELLECTUAL PROPERTY, CONFIDENTIAL INFORMATION OR NONINTERFERENCE. IN THE EVENT EITHER PARTY SEEKS INJUNCTIVE RELIEF, THE PREVAILING PARTY SHALL BE ENTITLED TO RECOVER REASONABLE COSTS AND ATTORNEYS' FEES.

E. **Administrative Relief.** CONSULTANT UNDERSTANDS THAT EXCEPT AS PERMITTED BY LAW THIS AGREEMENT DOES NOT PROHIBIT CONSULTANT FROM PURSUING CERTAIN ADMINISTRATIVE CLAIMS WITH LOCAL, STATE OR FEDERAL ADMINISTRATIVE BODIES OR GOVERNMENT AGENCIES SUCH AS THE DEPARTMENT OF FAIR EMPLOYMENT AND HOUSING, THE EQUAL EMPLOYMENT OPPORTUNITY COMMISSION, THE NATIONAL LABOR RELATIONS BOARD, OR THE WORKERS' COMPENSATION BOARD. THIS AGREEMENT DOES, HOWEVER, PRECLUDE CONSULTANT FROM BRINGING ANY ALLEGED WAGE CLAIMS WITH THE DEPARTMENT OF LABOR STANDARDS ENFORCEMENT. LIKEWISE, THIS AGREEMENT DOES PRECLUDE CONSULTANT FROM PURSUING COURT ACTION REGARDING ANY ADMINISTRATIVE CLAIMS, EXCEPT AS PERMITTED BY LAW.

F. **Voluntary Nature of Agreement.** CONSULTANT ACKNOWLEDGES AND AGREES THAT CONSULTANT IS EXECUTING THIS AGREEMENT VOLUNTARILY AND WITHOUT ANY DURESS OR UNDUE INFLUENCE BY THE COMPANY OR ANYONE ELSE. CONSULTANT FURTHER ACKNOWLEDGES AND AGREES THAT CONSULTANT HAS CAREFULLY READ THIS AGREEMENT AND THAT CONSULTANT HAS ASKED ANY QUESTIONS NEEDED FOR CONSULTANT TO UNDERSTAND THE TERMS, CONSEQUENCES AND BINDING EFFECT OF THIS AGREEMENT AND FULLY UNDERSTAND IT, INCLUDING THAT **CONSULTANT IS WAIVING CONSULTANT'S RIGHT TO A JURY TRIAL**. FINALLY, CONSULTANT AGREES THAT CONSULTANT HAS BEEN PROVIDED AN OPPORTUNITY TO SEEK THE ADVICE OF AN ATTORNEY OF CONSULTANT'S CHOICE BEFORE SIGNING THIS AGREEMENT.

12. Miscellaneous

A. **Governing Law; Consent to Personal Jurisdiction.** This Agreement shall be governed by the laws of the State of California, without regard to the conflicts of law provisions of any jurisdiction. To the extent that any lawsuit is permitted under this Agreement, the Parties hereby expressly consent to the personal and exclusive jurisdiction and venue of the state and federal courts located in California.

B. **Assignability.** This Agreement will be binding upon Consultant's heirs, executors, assigns, administrators, and other legal representatives, and will be for the benefit of the Company, its successors, and its assigns. There are no intended third-party beneficiaries to this Agreement, except as expressly stated. Except as may otherwise be provided in this Agreement, Consultant may not sell, assign or delegate any rights or obligations under this Agreement. Notwithstanding anything to the contrary herein, Company may assign this Agreement and its rights and obligations under this Agreement to any successor to all or substantially all of Company's relevant assets, whether by merger, consolidation, reorganization, reincorporation, sale of assets or stock, change of control or otherwise.

C. **Entire Agreement.** This Agreement constitutes the entire agreement and understanding between the Parties with respect to the subject matter herein and supersedes all prior written and oral agreements, discussions, or representations between the Parties. Consultant represents and warrants that Consultant is not relying on any statement or representation not contained in this Agreement. To the extent any terms set forth in any exhibit or schedule conflict with the terms set forth in this Agreement, the terms of this Agreement shall control unless otherwise expressly agreed by the Parties in such exhibit or schedule.

D. **Headings.** Headings are used in this Agreement for reference only and shall not be considered when interpreting this Agreement.

E. **Severability.** If a court or other body of competent jurisdiction finds, or the Parties mutually believe, any provision of this Agreement, or portion thereof, to be invalid or unenforceable, such provision will be enforced to the maximum extent permissible so as to effect the intent of the Parties, and the remainder of this Agreement will continue in full force and effect.

F. **Modification, Waiver.** No modification of or amendment to this Agreement, nor any waiver of any rights under this Agreement, will be effective unless in a writing signed by the Parties. Waiver by the Company of a breach of any provision of this Agreement will not operate as a waiver of any other or subsequent breach.

G. **Notices.** Any notice or other communication required or permitted by this Agreement to be given to a Party shall be in writing and shall be deemed given (i) if delivered personally or by commercial messenger or courier service, (ii) when sent by confirmed facsimile, or (iii) if mailed by U.S. registered or certified mail (return receipt requested), to the Party at the Party's address written below or at such other address as the Party may have previously specified by like notice. If by mail, delivery shall be deemed effective three business days after mailing in accordance with this Section 12.G.

(1) If to the Company, to:

Stowe Pharmaceuticals, Inc.
102 Woodmont Blvd., Suite 610
Nashville, TN 37205
Attention: Chief Executive Officer

(2) If to Consultant, to the address for notice on the signature page to this Agreement or, if no such address is provided, to the last address of Consultant provided by Consultant to the Company.

H. **Attorneys' Fees.** In any court action at law or equity that is brought by one of the Parties to this Agreement to enforce or interpret the provisions of this Agreement, the prevailing Party will be entitled to reasonable attorneys' fees, in addition to any other relief to which that Party may be entitled.

I. **Signatures.** This Agreement may be signed in two counterparts, each of which shall be deemed an original, with the same force and effectiveness as though executed in a single document.

J. **Applicability to Past Activities.** Consultant agrees that if and to the extent that Consultant provided any services or made efforts on behalf of or for the benefit of Company, or related to the current or prospective business of Company in anticipation of Consultant's involvement with the Company, that would have been "Services" if performed during the term of this Agreement (the "**Prior Consulting Period**") and to the extent that during the Prior Consulting Period: (i) Consultant received access to any information from or on behalf of Company that would have been "Confidential Information" if Consultant received access to such information during the term of this Agreement; or (ii) Consultant (a) conceived, created, authored, invented, developed or reduced to practice any item (including any intellectual property rights with respect thereto) on behalf of or for the benefit of Company, or related to the current or prospective business of Company in anticipation of Consultant's involvement with Company, that would have been an Invention if conceived, created, authored, invented, developed or reduced to practice during the term of this Agreement; or (b) incorporated into any such item any pre-existing invention, improvement, development, concept, discovery or other proprietary information that would have been a Prior Invention if incorporated into such item during the term of this Agreement; then any such information shall be deemed Confidential Information hereunder and any such item shall be deemed an Invention or Prior Invention hereunder, and this Agreement shall apply to such activities, information or item as if disclosed, conceived, created, authored, invented, developed or reduced to practice during the term of this Agreement. Consultant further acknowledges that Consultant has been fully compensated for all services provided during any such Prior Consulting Period.

K. **Protected Activity Not Prohibited.** Consultant understands that nothing in this Agreement shall in any way limit or prohibit Consultant from engaging in any Protected Activity. For purposes of this Agreement, "**Protected Activity**" shall mean filing a charge, complaint, or report with, or otherwise communicating, cooperating, or participating in any investigation or proceeding that may be conducted by, any federal, state or local government agency or commission, including the Securities and Exchange Commission ("**Government Agencies**"). Consultant understands that in connection with such Protected Activity, Consultant is permitted to disclose documents or other information as permitted by law, and without giving notice to, or receiving authorization from, the Company. Notwithstanding the foregoing, Consultant agrees to take all reasonable precautions to prevent any unauthorized use or disclosure of any information that may constitute Company confidential information to any parties other than the Government Agencies. Consultant further understands that "**Protected Activity**" does not include the disclosure of any Company attorney-client privileged communications. Pursuant to the Defend Trade Secrets Act of 2016, Consultant is notified that an individual will not be held criminally or civilly liable under any federal or state trade secret law for the disclosure of a trade secret that (i) is made in confidence to a federal, state, or local government official (directly or indirectly) or to an attorney *solely* for the purpose of reporting or investigating a suspected violation of law, or (ii) is made in a complaint or other document filed in a lawsuit or other proceeding, if (and only if) such filing is made under seal. In addition, an individual who files a lawsuit for retaliation by an employer for reporting a suspected violation of law may disclose the trade secret to the individual's attorney and use the trade secret information in the court proceeding, if the individual files any document containing the trade secret under seal and does not disclose the trade secret, except pursuant to court order.

(signature page follows)

IN WITNESS WHEREOF, the Parties hereto have executed this Consulting Agreement as of the date first written above.

CONSULTANT

Stowe Pharmaceuticals, Inc.

By: /s/ John Saharek
Name: John Saharek

By: /s/ Andrew Boll
Name: Andrew R. Boll
Title: Executive Director

Address for Notice:
102 Woodmont Blvd. Suite 610
Nashville, TN 37205

EXHIBIT A

SERVICES AND COMPENSATION

1. **Contact.** Consultant's principal Company contact:

Name: Andrew R. Boll

Title: Executive Director

Email: aboll@harrowinc.com

Phone: (615) 733-4731

2. **Services.** Consultant shall provide advisory services to the Company relating to its sales and marketing activities and other related services as may be requested from time to time by the Company.

3. **Compensation.**

A. Subject to the approval of the Company's board of directors (the "**Board**") and the approval of a valuation of the Company's common stock ("**Common Stock**") sufficient to satisfy the requirements of Section 409A of the Internal Revenue Code of 1986, the Company will grant Consultant a nonqualified stock option to purchase 25,000 shares of Common Stock (the "**Shares**") at a price per share equal to the fair market value per share of the Common Stock on the date of grant, as determined by the Board. The Shares will be subject to the terms and conditions of the Company's 2020 Equity Incentive Plan (the "**Plan**") and a stock option agreement between Consultant and the Company.

B. The shares subject to the Options shall immediately vest upon the earliest of:

- (1) a Change in Control (as defined in the Plan);
- (2) the date of any underwriting agreement between the Company and the underwriter(s) managing an initial public offering of Common Stock, pursuant to which the Common Stock is priced for initial public offering; or
- (3) the date of closing of a bona-fide equity financing with third party investors resulting in cash gross proceeds to the Company of at least \$10,000,000 (the "**Qualified Financing**");

and in any case of (1), (2) and (3) (each, a "**Vesting Event**"), subject to Consultant's continuous status as a Service Provider (as defined in the Plan) through the date of such Vesting Event.

C. All payments and benefits provided for under this Agreement are intended to be exempt from or otherwise comply with the requirements of Section 409A of the Internal Revenue Code of 1986, as amended, and the regulations and guidance thereunder (together, "**Section 409A**"), so that none of the payments and benefits to be provided hereunder will be subject to the additional tax imposed under Section 409A, and any ambiguities or ambiguous terms herein will be interpreted to be exempt or so comply. Each payment and benefit payable under this Agreement is intended to constitute a separate payment for purposes of Section 1.409A-2(b)(2) of the Treasury Regulations. In no event will the Company reimburse Consultant for any taxes that may be imposed on Consultant as a result of Section 409A.

This **Exhibit A** is accepted and agreed upon as of February 13, 2020.

CONSULTANT

By: /s/ John Saharek
Name: John Saharek

STOWE PHARMACEUTICALS, INC.

By: /s/ Andrew Boll
Name: Andrew R. Boll
Title: Executive Director

HARROW HEALTH, INC. SUBSIDIARIES

as of December 31, 2019

Name of Subsidiary	State of Incorporation or Organization
ImprimisRx, LLC	Delaware
Imprimis NJOF, LLC	New Jersey
ImprimisRx NJ, LLC	New Jersey
Park Compounding, Inc.	California
Harrow IP, LLC	Delaware
Eton Pharma Equity, LLC	Delaware
Surface Pharma Equity, LLC	Delaware
Melt Pharma Equity, LLC	Delaware
Stowe Pharma Equity, LLC	Delaware
Mayfield Pharma Equity, LLC	Delaware
Stowe Pharmaceuticals, Inc.	Delaware
Radley Pharmaceuticals, Inc.	Delaware
Mayfield Pharmaceuticals, Inc.	Delaware

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in Registration Statement Nos. 333-159159, 333-183488, 333-198674 and 333-220186 on Form S-8 and Registration Statement Nos. 333-198675, 333-215672 and 333-218308 on Form S-3 of our report dated March 13, 2020, relating to the consolidated financial statements of Harrow Health, Inc. and subsidiaries (the "Company") and the effectiveness of the Company's internal control over financial reporting, appearing in this Annual Report on Form 10-K of Harrow Health, Inc. for the year ended December 31, 2019.

/s/ KMJ Corbin & Company LLP

Costa Mesa, California
March 13, 2020

**CERTIFICATION OF THE PRINCIPAL EXECUTIVE OFFICER UNDER
SECTION 302 OF THE SARBANES-OXLEY ACT**

I, Mark L. Baum, certify that:

- (1) I have reviewed this Form 10-K for the fiscal year ended December 31, 2019 of Harrow Health, Inc.;
- (2) Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- (3) Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- (4) The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in the report any change in this registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- (5) The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: March 13, 2020

/s/ Mark L. Baum

Mark L. Baum
Chief Executive Officer

**CERTIFICATION OF THE PRINCIPAL FINANCIAL OFFICER UNDER
SECTION 302 OF THE SARBANES-OXLEY ACT**

I, Andrew R. Boll, certify that:

- (1) I have reviewed this Form 10-K for the fiscal year ended December 31, 2019 of Harrow Health, Inc.;
- (2) Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
- (3) Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
- (4) The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have:
 - a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and
 - d) Disclosed in the report any change in this registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
- (5) The registrant's other certifying officer(s) and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions):
 - a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

Date: March 13, 2020

/s/ Andrew R. Boll
Andrew R. Boll
Chief Financial Officer

HARROW HEALTH, INC.
CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

I, Mark L. Baum, Chief Executive Officer of Harrow Health Inc. (the "Company"), do hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to the best of my knowledge:

- (1) the Annual Report on Form 10-K of the Company for the annual period ended December 31, 2019 (the "Report") fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and; and
- (2) information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: March 13, 2020

/s/ Mark L. Baum

Mark L. Baum
Chief Executive Officer

The foregoing certification is being furnished as an exhibit to the Report pursuant to Item 601(b)(32) of Regulation S-K and Section 1350 of Title 18 of the United States Code and, accordingly, is not being filed with the U.S. Securities and Exchange Commission as part of the Report and is not to be incorporated by reference into any filing of the Company under the Securities Act of 1933 or the Securities Exchange Act of 1934 (whether made before or after the date of the Report, irrespective of any general incorporation language contained in such filing).

**HARROW HEALTH, INC.
CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002**

I, Andrew R. Boll, Chief Financial Officer of Harrow Health Inc. (the "Company"), do hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that to the best of my knowledge:

(1) the Annual Report on Form 10-K of the Company for the annual period ended December 31, 2019 (the "Report") fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and; and

(2) information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Date: March 13, 2020

/s/ Andrew R. Boll

Andrew R. Boll

Chief Financial Officer

The foregoing certification is being furnished as an exhibit to the Report pursuant to Item 601(b)(32) of Regulation S-K and Section 1350 of Title 18 of the United States Code and, accordingly, is not being filed with the U.S. Securities and Exchange Commission as part of the Report and is not to be incorporated by reference into any filing of the Company under the Securities Act of 1933 or the Securities Exchange Act of 1934 (whether made before or after the date of the Report, irrespective of any general incorporation language contained in such filing).
