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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, 2015

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: 000-31615

DURECT CORPORATION

(Exact name of registrant as specified in its charter)

Delaware	**94-3297098**
(State or other jurisdiction of incorporation or organization)	**(I.R.S. Employer Identification No.)**

10260 Bubb Road
Cupertino, CA 95014
(Address of principal executive offices, including zip code)

Registrant's telephone number, including area code: (408) 777-1417

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

Title of Each Class	Name of Each Exchange on Which Registered
Common Stock $0.0001 par value per share	**The NASDAQ Stock Market LLC**
Preferred Share Purchase Rights	**(NASDAQ Global 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 of the 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 than 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 and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). YES ☒ NO ☐

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K is not contained herein, and will not be contained, to the best of registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K. ☐

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

Large accelerated filer ☐ Accelerated filer ☒ Non-accelerated filer ☐ Smaller reporting company ☐

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Act). YES ☐ NO ☒

The aggregate market value of the voting stock held by non-affiliates of the registrant was approximately $242,145,190 as of June 30, 2015 based upon the closing sale price on the NASDAQ Global Market reported for such date. Shares of Common Stock held by each officer and director and by each person who may be deemed to be an affiliate have been excluded. This determination of affiliate status is not necessarily a conclusive determination for other purposes.

There were 122,065,924 shares of the registrant's Common Stock issued and outstanding as of February 18, 2016.

DOCUMENTS INCORPORATED BY REFERENCE

Part III incorporates information by reference from the definitive Proxy Statement for the 2016 annual meeting of stockholders, which is expected to be filed not later than 120 days after the Registrant's fiscal year ended December 31, 2015.

DURECT CORPORATION

ANNUAL REPORT ON FORM 10-K

FOR THE FISCAL YEAR ENDED DECEMBER 31, 2015

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PART I

Item 1. Business.

Overview

We are a biopharmaceutical company with research and development programs broadly falling into two categories: (i) new chemical entities derived from our Epigenomic Regulator Program, in which we attempt to discover and develop molecules which have not previously been approved and marketed as therapeutics, and (ii) Drug Delivery Programs, in which we apply our formulation expertise and technologies largely to active pharmaceutical ingredients whose safety and efficacy have previously been established but which we aim to improve in some manner through a new formulation. We also manufacture and sell osmotic pumps used in laboratory research and design, develop and manufacture a wide range of standard and custom biodegradable polymers and excipients for pharmaceutical and medical device clients for use as raw materials in their products.

Our product pipeline currently consists of seven investigational drug candidates in clinical development, with one program the subject of a New Drug Application (NDA) with the U.S. Food and Drug Administration (FDA) for which a Complete Response Letter was received in June 2011, another program the subject of an NDA with the FDA for which a Complete Response Letter was received in February 2014, one program in Phase 2 and four programs in Phase 1. The more advanced programs are in the field of pain management and we believe that each of these targets large market opportunities with product features that are differentiated from existing therapeutics. We have other programs underway in fields outside of pain management, including central nervous system disorders, acute organ injury, metabolic disorders, ophthalmic conditions, and other chronic diseases.

A central aspect of our business strategy involves advancing multiple product candidates at one time, which is enabled by leveraging our resources with those of corporate collaborators. Thus, certain of our programs are currently licensed to corporate collaborators on terms which typically call for our collaborator to fund all or a substantial portion of future development costs and then pay us milestone payments based on specific development or commercial achievements plus a royalty on product sales. At the same time, we have retained the rights to other programs, which are the basis of potential future collaborations and which over time may provide a pathway for us to develop our own commercial, sales and marketing organization.

New Chemical Entities from our Epigenomic Regulator Program

Our Epigenomic Regulator Program involves a multi-year collaborative effort with the Department of Internal Medicine at Virginia Commonwealth University (VCU), the VCU Medical Center and the McGuire VA Medical Center. The discoveries from this program are a result of more than 20 years of lipid research by Shunlin Ren, M.D., Ph.D., Professor of Internal Medicine at the VCU Medical Center and a recipient of multiple grants from the National Institutes of Health (NIH) for metabolic disease research. Epigenetics is the study of how reversible modifications of a cell's DNA or histones (proteins associated with DNA) affect gene expression without altering the DNA sequence. Epigenomics is the study of large scale effects on cellular function and interrelated collections of epigenetic modifications. Epigenetic and epigenomic modifications play an important role in regulation of key cellular processes. DUR-928 is the program's lead product candidate. We hold the exclusive worldwide right to develop and commercialize DUR-928 and related molecules discovered in the program.

Our major product research and development efforts for new chemical entities derived from our Epigenomic Regulator Program are set forth in the following table:

Product Candidate	Disease/Indication	Collaborator	Stage
• DUR-928, oral	• Metabolic / lipid disorders	• DURECT retains worldwide development and commercialization rights under a license with Virginia Commonwealth University	• Phase 1
• DUR-928, injectable	• Acute organ injuries	• DURECT retains worldwide development and commercialization rights under a license with Virginia Commonwealth University	• Phase 1

During the course of this program, a number of compounds have been identified that may have therapeutic utility for various diseases and syndromes for orphan indications as well as for broader patient populations. The lead compound from this program (DUR-928) is an endogenous, orally bioavailable small molecule that modulates the activity of various nuclear receptors that play an important regulatory role in lipid homeostasis, inflammation and cell survival.

The biological activity of DUR-928 has been demonstrated in 8 different animal disease models involving three animal species. Four of these models represent chronic disorders of hepatic lipid accumulation and dysfunction (e.g., nonalcoholic fatty liver disease (NAFLD) and nonalcoholic steatohepatitis (NASH) associated with diabetes) and four represent acute organ injuries (endotoxin shock, kidney, liver and brain).

We are pursuing the development of DUR-928 through two broad programs for: (i) chronic metabolic diseases using an oral formulation, and (ii) acute organ injury using an injectable formulation.

In pharmacokinetic and toxicity studies conducted in mice, hamsters, rats, dogs and monkeys, DUR-928 has been found to be orally bioavailable and safe at all doses tested to date. These non-clinical results supported the initiation of DUR-928 into human safety trials with an oral formulation. Pharmacokinetic and toxicity studies with an injectable formulation were also conducted in rats and dogs; these non-clinical results supported the initiation into human safety trials with an injectable formulation of DUR-928.

Chronic Metabolic Disease Program with DUR-928

Market Opportunity. Non-alcoholic fatty liver disease (NAFLD) affects approximately 30% of adults and 10% of children (about 81 million individuals) in the U.S. Non-alcoholic steatohepatitis (NASH), a more severe and progressive form of NAFLD, is one of the most common chronic liver diseases worldwide, with an estimated prevalence of more than 10% of adults in the U.S., Europe, Japan and other developed countries. No drug is currently approved for NAFLD or NASH. In addition to these large populations of patients with liver disease, there are a number of orphan patient populations with various forms of liver disease for which we may seek to develop DUR-928.

Clinical Program. The initial Phase 1 trial of DUR-928 was a single-site, randomized, double-blinded, placebo-controlled, single-ascending-dose study that evaluated the safety, tolerability and pharmacokinetics of DUR-928 when orally administered. The 30-subject study evaluated DUR-928 in five cohorts of healthy volunteers receiving DUR-928 (n=20 on drug, 10 on placebo) at escalating doses that resulted in peak plasma concentrations greater than 100-fold higher than endogenous levels. DUR-928 was well-tolerated at all dose

levels, with no serious treatment-related adverse events reported. We subsequently conducted a Phase 1 multiple-ascending-dose, oral administration trial in 20 healthy subjects (n=16 on drug, 4 on placebo). Following multiple dosing, DUR-928 was well-tolerated at all doses, with no clinically significant changes in vital signs, laboratory values or ECG parameters, no serious drug-related adverse events reported and no subjects withdrawing from the study. Peak plasma concentrations achieved were greater than 100-fold higher than endogenous levels, no accumulation in plasma concentrations were observed with repeat dosing, and dose related increases in plasma concentrations were observed with peak plasma concentration at approximately 2-6 hours after dosing. We also conducted a food effect study with 8 healthy volunteers and observed no food effect on absorption.

In January 2016, we initiated a single-ascending-dose Phase 1b clinical trial with DUR-928 in patients with nonalcoholic steatohepatitis (NASH). This open-label Phase 1b trial of DUR-928 is a safety and pharmacokinetic study of DUR-928 in subjects with NASH and matched control subjects. This study will be conducted in three successive cohorts evaluating three single-dose levels of oral DUR-928. After a PK/safety review at each dose, the study can proceed to the next higher dose. Assuming all three cohorts are dosed, the study will comprise approximately 48 subjects, of which approximately 30 will have received DUR-928. The study is being conducted in Australia, and we anticipate that we will obtain results from this trial in the first half of 2016.

Future Development Plans. We anticipate that the single-ascending-dose Phase 1b clinical trial described above will enable and inform a multiple-dose study in the second half of 2016 in NASH patients or patients with other liver function impairment.

Acute Organ Injury Program with DUR-928

Market Opportunity. Acute organ injury, including acute kidney injury (AKI) and other conditions, is another area of major unmet medical need for which effective pharmaceutical treatment is often lacking. AKI, for example, affects approximately 2.8 million patients per year in the U.S. and is associated with increased mortality, prolonged hospital stays, and worsening of chronic kidney disease. In addition to these large populations of patients, there are a number of orphan patient populations with various forms of acute organ injury for which we may seek to develop DUR-928.

Clinical Program. In addition to the oral administration clinical studies described above, we have conducted a Phase 1 single-site, randomized, double-blinded, placebo-controlled, single-ascending-dose study that evaluated the safety, tolerability and pharmacokinetics of four doses of DUR-928 when administered by injection. The 24-subject study evaluated DUR-928 in four cohorts of healthy volunteers receiving DUR-928 (16 subjects on the drug, 8 on placebo) at escalating doses that resulted in dose proportionality of systemic exposure. DUR-928 was well-tolerated at all dose levels, with no serious treatment-related adverse events reported. We also conducted a multiple-dose study involving 10 healthy volunteers, in which participants received DUR-928 for 5 consecutive days (8 subjects on the drug, 2 on placebo) with the next to highest dose in the single dose study. No serious treatment related adverse events were reported, no subjects withdrew from the study, no accumulation in plasma concentrations were observed with repeat dosing, and the pain scores and injection site reactions were minimal.

Future Development Plans

We anticipate commencing a Phase 1b single-ascending-dose, injectable administration trial in renal function impaired patients in the first half of 2016, with data available from the study in 2016. This trial is anticipated to be a single-site, open-label safety and pharmacokinetics study. This trial will enable and inform subsequent patient studies in acute kidney injury and/or other kidney function impairment.

Drug Delivery Programs

Our major product research and development efforts utilizing our drug delivery platforms are set forth in the following table:

Product Candidate	Disease/Indication	Collaborator	Technology Platform	Stage
• POSIMIR (controlled release injection of bupivacaine)	• Post-Operative Pain	• DURECT retains worldwide rights	• SABER	• NDA accepted in June 2013 / Complete Response Letter received in February 2014; Phase 3 trial ongoing
• REMOXY (oral controlled release oxycodone)	• Chronic Pain	• Pain Therapeutics (worldwide)	• ORADUR	• NDA resubmitted in December 2010 but not approved / Complete Response Letter received in June 2011
• ORADUR-ADHD	• Attention Deficit Hyperactivity Disorder (ADHD)	• Orient Pharma (defined Asian and South Pacific countries); DURECT retains development and commercialization rights in North America, Europe, Japan and all other countries	• ORADUR	• Phase 3 in Taiwan
• ELADUR (controlled release injection of bupivicane)	• Pain	• Impax Laboratories (worldwide)	• TRANSDUR	• Phase 1
• Relday® (risperidone)	• Schizophrenia/ bipolar disorder	• Zogenix (worldwide)	• SABER	• Phase 1
• ORADUR-based opioid (hydromorphone)	• Chronic Pain	• Pain Therapeutics (worldwide)	• ORADUR	• Phase 1
• SABER-based ophthalmic (active drug ingredient not disclosed)	• Ophthalmic disorder	• Santen (worldwide)	• SABER	• Preclinical / Research Stage
• Various	• Research programs in various therapeutic categories	• DURECT retains worldwide rights, except for certain feasibility projects whereby our collaborator generally has an option on rights	• SABER / CLOUD	• Preclinical / Research Stage

NOTE: POSIMIR™, SABER®, CLOUD™, TRANSDUR®, ORADUR®, ALZET® and LACTEL® are trademarks of DURECT Corporation. Other trademarks referred to belong to their respective owners.

DURECT's Drug Delivery Programs and Pharmaceutical Systems

We are developing and commercializing pharmaceutical systems that will deliver the right drug to the right place, in the right amount and at the right time to treat chronic and episodic diseases and conditions. Our pharmaceutical systems enable optimized therapy for a given disease or patient population by controlling the rate and duration of drug administration. In addition, if advantageous for the therapy, our pharmaceutical systems can target the delivery of the drug to its intended site of action.

- The Right Drug: By precisely controlling the dosage or targeting delivery to a specific site, we can expand the therapeutic use of compounds that would otherwise be too potent to be administered systemically, do not remain in the body long enough to be effective, or have significant side effects when administered systemically. This flexibility allows us to work with a variety of drug candidates including small molecules, proteins, peptides or genes.
- The Right Place: In addition to enabling systemic delivery, if advantageous for the therapy, with precise placement of our drug delivery formulations, we can design our pharmaceutical systems to deliver drugs directly to the intended site of action. This can ensure that the drug reaches the target tissue in effective concentrations, eliminate many side effects caused by delivery of the drug to unintended sites in the body, and reduce the total amount of drug administered to the body.
- The Right Amount: Our pharmaceutical systems can automatically deliver drug dosages continuously within the desired therapeutic range for the duration of the treatment period, from days to up to months, without the fluctuations in drug levels typically associated with conventional pills or injections. This can reduce side effects, eliminate gaps in drug therapy, conveniently ensure accurate dosing and patient compliance, and may reduce the total amount of drug administered to the body.
- The Right Time: Our pharmaceutical systems technologies are designed to minimize the need for intervention by the patient or care-giver and to enhance dosing compliance. In addition to reducing the cost of care, continuous drug therapy frees the patient from repeated treatment or hospitalization, improving convenience and quality of life. Our systems are well-suited to deliver drugs for the right period of time for the intended indication, whether for hours or days for acute indications, or for weeks or months for treating chronic, debilitating diseases such as chronic pain, cancer, heart disease, and neurodegenerative diseases. We believe that it is more effective to treat chronic diseases with continuous, long-term therapy than with alternatives such as multiple conventional injections or immediate release oral dosage forms that create short-term effects.

DURECT Drug Delivery Technology

Our pharmaceutical systems combine engineering with proprietary small molecule pharmaceutical and biotechnology drug formulations to yield proprietary delivery technologies and products. Through this combination, we are able to control the rate and duration of drug administration, as well as, when desired, target the delivery of the drug to its intended site of action, allowing our pharmaceutical systems to meet the special challenges associated with treating medical conditions over an extended period of time. Our pharmaceutical systems can enable new drug therapies or optimize existing therapies based on a broad range of compounds, including small molecule pharmaceuticals as well as biologics such as proteins and peptides.

Our pharmaceutical systems are suitable for providing long-term drug therapy because they store highly concentrated, stabilized drugs in a small volume and can protect the drug from degradation by the body. This, in combination with our ability to continuously deliver precise and accurate doses of a drug, allows us to extend the therapeutic value of a wide variety of drugs, including those which would otherwise be ineffective, too unstable, too potent or cause adverse side effects. In some cases, delivering the drug directly to the intended site of action can improve efficacy while minimizing unwanted side effects elsewhere in the body, which often limit the long-term use of many drugs. Our pharmaceutical systems can thus provide better therapy for chronic diseases or conditions, or for certain acute conditions where longer drug dosing is required or advantageous, by replacing

multiple injection therapy or oral dosing, improving drug efficacy, reducing side effects and ensuring dosing compliance. Our pharmaceutical systems can improve patients' quality of life by eliminating more repetitive treatments, reducing dependence on caregivers and allowing patients to lead more independent lives.

We currently have several major active drug delivery technology platforms:

The SABER and CLOUD Bioerodible Injectable Depot Systems

Our bioerodible injectable depot systems include our SABER and CLOUD platform technologies. SABER uses a high viscosity base component, such as sucrose acetate isobutyrate (SAIB), to provide controlled release of a drug. When the high viscosity SAIB is formulated with drug, biocompatible excipients and other additives, the resulting formulation is easily injectable with standard syringes and needles. After injection of a SABER formulation, the excipients diffuse away, leaving a viscous depot which provides controlled sustained release of drug. CLOUD is a class of bioerodible injectable depot technology which generally does not contain SAIB but does include various other release rate modifying excipients and/or bioerodible polymers to achieve the delivery of drugs for periods of days to months from a single injection. We are researching and developing a variety of controlled-release products based on the SABER and CLOUD technologies. Based on research and development work to date, our bioerodible injectable depot technologies have shown the following advantages:

- *Peptide/Protein/Small Molecule Delivery*—The chemical nature of our bioerodible injectable depot systems tend to repel water and body enzymes from its interior and thereby stabilizes proteins and peptides. For this reason, we believe that bioerodible injectable depot systems are well suited as a platform for biotechnology therapeutics based on proteins and peptides.
- *Controlled Onset and Release*—Typically, controlled release injections are associated with an initial higher release of drug immediately after injection (also called "burst"). Animal and human studies have shown that our bioerodible injectable depots can be associated with less post-injection burst than is typically associated with other commercially available injectable controlled release technologies, while still achieving controlled rapid onset of drug concentration.
- *High Drug Loading*—Drug loading in our bioerodible injectable depot formulations can be as high as 30%, considerably greater than is typical with other commercially available injectable controlled release technologies. As a result, smaller injection volumes are possible with this technology.
- *Ease of Administration*—Prior to injection, our bioerodible injectable depot formulations are fairly liquid and therefore can be injected through small needles. Additionally, because of the higher drug concentration of our bioerodible injectable depot formulations, less volume is required to be injected. Small injection volumes and more liquid solutions are expected to result in easier, less painful administration.
- *Patent Protection*—Our bioerodible injectable depot technology is covered by United States and foreign patents. See "Patents, Licenses and Proprietary Rights" below.
- *Ease of Manufacture*—Compared to microspheres and other polymer-based controlled release injectable systems, our bioerodible injectable depot formulations are readily manufacturable at low cost.

The SABER Technology is the basis of POSIMIR, for which our NDA received a Complete Response Letter in February 2014. The SABER Technology is also the basis for Relday, which has completed single and multiple dose Phase 1 clinical trials in the U.S. The SABER Technology is also utilized in our Santen Ophthalmic Program as well as multiple feasibility programs. In our clinical studies thus far, our bioerodible injectable depot formulations have been observed to be safe and well-tolerated, and no significant side effects or adverse events have been reported.

The SABER Technology is also the basis for SucroMate™ Equine, an injectable animal health drug utilizing our SABER technology to deliver the peptide deslorelin. This is the first FDA approved SABER injectable product and it was launched in 2011 by our collaborator, CreoSalus, Inc.

The ORADUR Sustained Release Gel Cap Technology

We believe that our ORADUR sustained release technology can transform short-acting oral capsule dosage forms into sustained release oral products. Products based on our ORADUR technology can take the form of an easy to swallow gelatin capsule that uses a high-viscosity base component such as sucrose acetate isobutyrate (SAIB) to provide controlled release of active ingredients for a period of 12 to 24 hours of drug delivery. Oral dosage forms based on the ORADUR gel-cap may also have the added benefit of being less prone to abuse (e.g., by crushing and then snorting, smoking, injecting or extracting by mixing with alcohol or water) than other controlled release dosage forms on the market today. These properties have the potential to make ORADUR-based products an attractive option for pharmaceutical companies that seek to develop abuse deterrent oral products.

The ORADUR technology is the basis of REMOXY, a novel long-acting oral formulation of the opioid oxycodone which is targeted to decrease the potential for oxycodone abuse, and for which the NDA received a Complete Response Letter in June 2011. Starting in 2006, we also began working with Pain Therapeutics, Inc. (Pain Therapeutics) on the development of three additional ORADUR abuse-resistant opioid drug candidates which would address the chronic pain market. Phase 1 clinical trials have been conducted for two of these ORADUR-based products (hydrocodone and hydromorphone), and an Investigational New Drug (IND) has been accepted by the FDA for the fourth ORADUR-based opioid (oxymorphone). In May 2015, Pain Therapeutics informed us that they were returning to us all of Pain Therapeutics' rights and obligations under our license agreement to develop and commercialize ORADUR-based formulations of hydrocodone but without impacting the rights and obligations of the two parties with respect to REMOXY (oxycodone), hydromorphone and oxymorphone. We also have an ORADUR-ADHD program for which we and Orient Pharma Co., Ltd. (Orient Pharma) have selected a lead formulation containing the active pharmaceutical ingredient methylphenidate. This formulation was selected based on its potential for rapid onset of action, long duration for once-a-day dosing and target pharmacokinetic profile as demonstrated in a Phase 1 trial. Orient Pharma has initiated a Phase 3 trial in Taiwan and anticipates completing it in 2016.

The TRANSDUR Transdermal Delivery System

Our TRANSDUR technology is a proprietary transdermal delivery system that enables delivery of drugs continuously for multiple days. The TRANSDUR technology is the basis for ELADUR, for which two Phase 2 clinical trials have been conducted and for which we licensed worldwide development and commercialization rights to Impax in January 2014.

Major Drug Delivery Programs

POSIMIR (SABER-Bupivacaine)

Market Opportunity. According to data published by the Center for Disease Control and Prevention, there are approximately 72 million ambulatory and inpatient surgical procedures performed annually in the U.S. Insufficient postoperative pain control remains a significant problem, with studies indicating that roughly 65% of patients experience moderate-to-extreme pain after surgery. The current standard of care for post-surgical pain includes oral opiate and non-opiate analgesics and muscle relaxants. While systemic opioids can effectively control post-surgical pain, they commonly cause side effects including drowsiness, constipation, nausea and vomiting, and cognitive impairment. Effective pain management can be compromised if patients fail to adhere to recommended dosing regimens because they are suffering from these side effects. Post-surgical pain also can be treated effectively with local anesthetics; however, their usefulness often is limited by their short duration of action.

Development Strategy. We are developing POSIMIR, an extended-release formulation of bupivacaine, using our SABER delivery system for the treatment of post-surgical pain. Bupivacaine is an off-patent pharmaceutical agent. The physician would administer POSIMIR at the time of surgery to the surgical site. This formulation is designed to provide extended analgesia from a single dose. We believe that by delivering effective amounts of a potent analgesic to the location from which the pain originates, improved pain control can be

achieved with minimal exposure to the remainder of the body and reduced need for systemic analgesics, thus minimizing systemic side effects. POSIMIR is intended to provide local analgesia for 3 days, which we believe generally coincides with the time period of greatest need for post-surgical pain control in most patients.

We are in discussions with potential partners regarding licensing development and commercialization rights to POSIMIR, for which we hold worldwide rights. We are also continuing to evaluate the requirements for commercializing POSIMIR on our own in the U.S., in the event that we determine that to be the preferred route of commercialization.

Clinical Program. Our POSIMIR clinical development program has been devised to establish the safety and efficacy of POSIMIR for the treatment of post-surgical pain for 3 days. Toward that end, 15 clinical studies have been conducted, of which 13 clinical studies were with the final formulation of POSIMIR in either blinded, randomized controlled trials or open-label trials. These 15 trials are included in the Integrated Summary of Safety (ISS) which was included in the POSIMIR NDA. Seven randomized, controlled, parallel design clinical trials of POSIMIR using the instillation method of administration and dose proposed for marketing are included in the Integrated Summary of Efficacy (ISE) which was included in the NDA. Seven different surgical procedures have been investigated, including inguinal hernia repair, shoulder surgery (primarily subacromial decompression), appendectomy, abdominal hysterectomy, open laparotomy, laparoscopic cholecystectomy, and laparoscopic colectomy. The incision lengths treated ranged from a few centimeters for laparoscopic portals, to open laparotomy incisions of up to 35 cm. The seriousness of the surgery ranged from day surgery hernia repair in relatively healthy patients to major abdominal surgery for colon cancer in elderly patients with substantial co-morbidity who were often hospitalized for a week or more. The safety experience from this variety of procedures and patients was designed to allow a more confident extrapolation of the safety and efficacy data to a broad general surgical population.

Safety

As bupivacaine is a well-known drug with an extensive understanding of its risks and benefits, the safety database in the Integrated Summary of Safety (ISS) is not as large as required for a new chemical entity. A total of 1075 patients were included in the ISS database, 951 of whom have been exposed to POSIMIR or SABER-Placebo in volumes ranging from 2.5 to 10 mL. A total of 683 patients have been exposed to POSIMIR with the dose of bupivacaine ranging from 330 to 990 mg. In addition, a total of 124 patients have been treated with bupivacaine HCl in control groups and 268 patients received SABER-Placebo in control groups.

Overall, the POSIMIR patient groups showed a similar systemic safety profile as the patient groups treated with SABER-Placebo and bupivacaine HCl. Local site reactions were observed more frequently in the POSIMIR and SABER-Placebo groups than in the active comparator groups, most frequently in abdominal surgeries; most of these observations were discolorations (e.g., surgical bruising), the majority of which resolved without treatment during the observation period. There was little difference in the incidence of severe or serious adverse events between the POSIMIR, SABER-Placebo and bupivacaine HCl treatment groups. Most of the serious adverse events seen in these trials appear to be due to complications of surgery, anesthesia, analgesics, or co-morbidity and not POSIMIR-related. The clinical history for serious adverse events has been reviewed and no evidence of bupivacaine toxicity was apparent. The adverse event data have been analyzed in a variety of ways to detect any evidence of bupivacaine central nervous system or cardiac toxicity or other unexpected effects. No patients treated with POSIMIR had an instance of a severe central nervous system or cardiac adverse event traditionally associated with bupivacaine toxicity.

Efficacy

In the NDA, we presented the results from two efficacy trials that we positioned as pivotal (inguinal hernia repair and shoulder surgery, primarily subacromial decompression) and an Integrated Summary of Efficacy (ISE) based on 7 randomized, controlled, parallel design surgical trials of POSIMIR using the administration technique and 5 mL (660 mg) dose proposed for marketing.

Hernia pivotal efficacy trial

The hernia pivotal efficacy clinical trial was designed to evaluate the tolerability, activity, dose response and pharmacokinetics of POSIMIR in patients undergoing open inguinal hernia repair. The trial was conducted in Australia and New Zealand as a multi-center, randomized, double blind, placebo-controlled study in 122 patients. Study patients were randomized into three treatment groups: patients that were treated with POSIMIR 2.5 mL (n=43), POSIMIR 5 mL (n=47) and placebo (n=32). The co-primary efficacy endpoints for the study were Mean Pain Intensity on Movement area under the curve (AUC), a measure of pain over a period of 1-72 hours post-surgery, and the proportion of patients requiring supplemental opioid analgesic medication during the study (defined as 0-15 days).

In relation to the co-primary endpoint of pain reduction as measured by Mean Pain Intensity on Movement AUC 1-72 hours post-surgery, the patient group treated with POSIMIR 5 mL reported thirty-one percent (31%) less pain versus placebo, and the result was statistically significant (p=0.0031). Fifty-three percent (53%) of the study patients in the POSIMIR 5 mL group took supplemental opioid analgesic medications versus seventy-two percent (72%) of the placebo patients (p=0.0909). Although this positive trend for this co-primary endpoint in favor of the POSIMIR 5 mL group was not statistically significant, both secondary endpoints measuring opioid analgesic medication consumption were met at a statistically significant level. During the periods of 1-24 hours, 24-48 hours and 48-72 hours after surgery, placebo patients consumed approximately 3.5 (p=0.0009), 2.9 (p=0.0190) and 3.6 (p=0.0172) times more supplemental opioid analgesic medications (mean total daily consumption of opioid analgesic medication in morphine equivalents), respectively, than the POSIMIR 5 mL treatment group. The median decrease in supplemental opioid analgesics taken over the first three days after surgery was 80% (p=0.0085) for the POSIMIR 5 mL group as compared to the placebo group.

Shoulder pivotal efficacy trial

The shoulder pivotal efficacy trial was a multicenter, randomized, double-blind, active- and placebo-controlled, parallel-group, dose-response trial conducted at 9 investigational centers in Europe. Nycomed, our collaborator at the time, was responsible for the conduct of the clinical trial. In this study, 107 patients were randomly assigned to one of three treatment groups prior to undergoing elective arthroscopic shoulder surgery: POSIMIR 5 mL (n=53), SABER-Placebo (n=25) or bupivacaine HCl solution (n=29). All patients were given a background pain treatment consisting of a daily dose of two or four grams (depending on the patient's weight) of paracetamol (acetaminophen). In addition, each patient was provided supplemental opioid rescue medication, if needed. With respect to efficacy, the primary endpoints of the study were to demonstrate: (1) an improvement in terms of pain intensity on movement area under the curve (AUC) during the period 1–72 hours post-surgery, and (2) a decrease in the total use of opioid rescue analgesia 0–72 hours post-surgery.

Results from this study demonstrate that the POSIMIR group experienced a statistically significant reduction in pain intensity of approximately 21% (p=0.0122) versus SABER-Placebo. Applying the appropriate statistical test given the data distribution, the POSIMIR group showed a statistically significant reduction of approximately 67% (p=0.013) in median opioid use in favor of POSIMIR. No statistical differences were found when POSIMIR was compared to bupivacaine HCl.

Phase 3 trial in abdominal surgical procedures

We also conducted a Phase 3 U.S. and international, multi-center, randomized, double-blind, controlled trial evaluating the safety, efficacy, effectiveness, and pharmacokinetics of POSIMIR in 305 patients undergoing a variety of general abdominal surgical procedures. The trial included the following three cohorts:

Cohort 1: An active comparator cohort in which patients were randomized to receive either POSIMIR 5 mL or commercially available Bupivacaine HCl solution after laparotomy.

Cohort 2: An active comparator cohort in which patients were randomized to receive either POSIMIR 5 mL or commercially available Bupivacaine HCl solution after laparoscopic cholecystectomy.

Cohort 3: A double blind, placebo controlled cohort in which patients were randomized to receive either POSIMIR 5 mL or SABER-Placebo after laparoscopically-assisted colectomy.

Efficacy evaluation in the Phase 3 trial encompassed a number of parameters. The two co-primary efficacy endpoints for Cohort 3 were mean pain intensity on movement (normalized) Area Under the Curve (AUC) during the period 0-72 hours post-dose and mean total morphine equivalent opioid dose for supplemental analgesia during the period 0-72 hours post-dose. The purpose of Cohorts 1 and 2 was to give us additional experience with the use of POSIMIR in a broader group of surgeries and patients.

Cohort 3. With respect to the co-primary efficacy endpoint of pain reduction as measured by mean pain intensity on movement (normalized) Area Under the Curve (AUC) during the period 0-72 hours post-dose, the patient group treated with POSIMIR reported a mean pain reduction in pain scores of approximately 7%, although this was not statistically significant (p=0.1466). The statistical analysis plan included pain on movement as recorded at scheduled times through an electronic diary plus pain scores reported whenever supplemental opioids were administered with such scores attributed as if they were pain on movement. In the prespecified sensitivity analysis (which includes only scheduled pain assessment on movement scores as collected on the electronic diary), the patient group treated with POSIMIR reported approximately 10% less pain versus placebo (p=0.0410). In relation to the co-primary efficacy endpoint of median total morphine-equivalent opioid dose for supplemental analgesia during the period 0-72 hours post-dose, the patient group treated with POSIMIR reported approximately 16% less opioids consumed versus the placebo group, although this was not statistically significant (p=0.5897).

Cohorts 1 and 2. Cohorts 1 and 2 were prespecified to be pooled due to their small sample size. For Cohorts 1 and 2 (pooled), the mean reduction in pain on movement was approximately 20% and statistically significant (p=0.0111) for the POSIMIR group compared to the patient group treated with bupivacaine HCl. With respect to the median total morphine-equivalent opioid dose for supplemental analgesia during the period 0-72 hours post-dose for Cohorts 1 and 2 (pooled), the patient group treated with POSIMIR reported approximately 18% less opioids consumed compared to the bupivacaine HCl group, although this was not statistically significant (p=0.5455).

Integrated Summary of Efficacy

The seven controlled trials in the ISE can be separated into two different surgical types, soft tissue and orthopedic. The four soft tissue trials involved incisions or laparoscopic portals either in the abdomen or in the inguinal area for hernia repair. In these surgeries, the pain producing tissue was primarily soft tissue such as viscera, fascia, muscle, or skin. However, in the three orthopedic surgeries involving shoulder surgery, a major pain producing tissue is bone that has been resected during the procedure. Given that the responsiveness to treatment of these different surgical types may be different, a pooled analysis was conducted separately by tissue type.

In the soft tissue pooled analysis group comprised of 410 patients, 253 were treated with POSIMIR and 157 were treated with SABER-Placebo. The mean pain intensity was lower during the period 0-72 hours post-dose in the POSIMIR group than in the SABER-Placebo group and the difference was statistically significant (p=0.0099). The median total morphine-equivalent dose during the period 0-72 hours post-dose was lower in the POSIMIR group than in the SABER-Placebo group, however the difference was not statistically significant.

In the orthopedic pooled analysis group comprised of 187 patients, 114 were treated with POSIMIR and 73 were treated with SABER-Placebo. The mean pain intensity during the period 0-72 hours post-dose was lower in the POSIMIR group than in the SABER-Placebo group and the difference was statistically significant (p=0.0205). The median total morphine-equivalent dose during the period 0-72 hours post-dose was lower in the POSIMIR group than in the SABER-Placebo group and the difference was statistically significant (p=0.0025).

Current Status. In April 2013, we submitted an NDA as a 505(b)(2) application, which relies in part on the FDA's findings of safety and effectiveness of a reference drug. In February 2014 we received a Complete Response Letter from the FDA. Based on the Complete Response Letter and subsequent communications with

the FDA, we are conducting a new POSIMIR Phase 3 clinical trial consisting of approximately 306 patients undergoing laparoscopic cholecystectomy (gallbladder removal) surgery to further evaluate the benefits and risks of POSIMIR. We are referring to this trial as PERSIST (Placebo Controlled Trial of SABER™-Bupivacaine for the Management of Postoperative Pain Following Laparoscopic Cholecystectomy). In a previous trial of 50 patients undergoing laparoscopic cholecystectomy, POSIMIR demonstrated an approximately 25% reduction in pain intensity on movement for the first 3 days after surgery (p=0.024) against the active control bupivacaine HCl, using the same statistical methodology specified for the PERSIST trial. We began recruiting patients for this trial in November 2015 and expect that it will take approximately one year to complete enrollment. This clinical trial is designed to generate data necessary to support an NDA resubmission.

REMOXY (ORADUR-Oxycodone)

Market Opportunity. Chronic pain is usually the result of an ongoing condition or significant problem associated with chronic diseases, including cancer, various neurological and skeletal disorders and other ailments such as severe arthritis or a debilitating back injury. As the condition gets worse, the pain often gets worse. Also, long-lasting pain can affect the nervous system to the point where pain persists even if the condition that originally caused the pain is stabilized or improved. This is one reason patients often need stronger pain medication even if their underlying condition has been treated. Chronic pain affects as many as 100 million Americans annually. OxyContin®, a brand name extended-release oral oxycodone-based painkiller, accounted for approximately $2.4 billion in worldwide sales in 2014.

Development Strategy. REMOXY is an oral, long-acting oxycodone gelatin capsule under development with Pain Therapeutics to which we have licensed exclusive, worldwide, development and commercialization rights under a development and license agreement entered into in December 2002.

REMOXY is formulated with our ORADUR technology and incorporates several abuse-deterrent properties with the convenience of twice-a-day dosing. Under the agreement with Pain Therapeutics, subject to and upon the achievement of predetermined development and regulatory milestones, we are entitled to receive milestone payments of up to $7.2 million in the aggregate for REMOXY and other licensed ORADUR-based opioids. As of December 31, 2015, we had received $1.7 million in cumulative milestone payments. We also receive reimbursement for our research and development efforts on REMOXY and other licensed products, and a manufacturing profit on our supply of key excipients for use in REMOXY and other licensed products. In addition, if commercialized, we will receive royalties for REMOXY and other licensed products which do not contain an opioid antagonist of between 6.0% to 11.5% of net sales depending on sales volumes.

Clinical Program. Pain Therapeutics submitted an NDA for REMOXY to the FDA in June 2008, and in August 2008 the FDA accepted the NDA and granted priority review. In December 2008, Pain Therapeutics received a Complete Response Letter for its NDA for REMOXY in which the FDA determined that the NDA was not approved. According to Pain Therapeutics, the FDA indicated that additional non-clinical data would be required to support the approval of REMOXY, but the FDA had not requested or recommended additional clinical efficacy studies prior to approval. King Pharmaceuticals (King), to which Pain Therapeutics had licensed development and commercialization rights, assumed responsibility for further development of REMOXY from Pain Therapeutics in March 2009. In July 2009, King met with the FDA to discuss the Complete Response Letter. King took over the NDA from Pain Therapeutics and resubmitted the NDA in December of 2010. In February 2011, King was acquired by Pfizer. On June 23, 2011, a Complete Response Letter from the FDA was received by Pfizer on the resubmission to the NDA for REMOXY. The FDA's June 2011 Complete Response Letter raised concerns related to, among other matters, the Chemistry, Manufacturing, and Controls section of the NDA for REMOXY. Pfizer undertook efforts to resolve these issues. In October 2013, Pfizer stated that, having achieved technical milestones related to manufacturing, they would continue the development program for REMOXY. Following guidance received from the FDA earlier in 2013, Pfizer announced that they were proceeding with the additional clinical studies and other actions required to address the Complete Response Letter. Pfizer stated that these new clinical studies would include, in part, a pivotal bioequivalence study with the

modified REMOXY formulation to bridge to the clinical data related to the original REMOXY formulation, and an abuse-potential study with the modified formulation. We understand from the public disclosures of Pain Therapeutics that these studies have been completed and met their objectives. It is possible that the results of such studies will not be satisfactory to the FDA. In October 2014, Pfizer notified Pain Therapeutics that Pfizer had decided to discontinue development of REMOXY, and that Pfizer would return all rights, including responsibility for regulatory activities, to Pain Therapeutics and that Pfizer would continue ongoing activities under the agreement until the scheduled termination date in April 2015. In April 2015, Pain Therapeutics stated that it had resumed responsibility for REMOXY under the terms of a letter agreement with Pfizer. In July 2015, Pain Therapeutics stated that it had substantially completed the transition of REMOXY from Pfizer, and that Pain Therapeutics expected to resubmit the NDA in the first quarter of 2016.

ORADUR-ADHD Program

Market Opportunity. Attention Deficit Hyperactivity Disorder (ADHD) is a neurobehavioral condition that is estimated to affect over 5 million (approximately 9%) of U.S. children ages 3-17, according to the U.S. Department of Health and Human Services. The principal characteristics of ADHD are inattention, hyperactivity, and impulsivity. The condition presents itself in childhood and can be life long as a significant number of children with ADHD continue to present symptoms as adults. Over 50% of children with ADHD are estimated to being treated by medication, with stimulants such as amphetamine or methylphenidate as first-line treatments. U.S. sales of ADHD treatments were approximately $9 billion in 2014. The 2010 National Survey on Drug Use & Health estimates that 1.1 million Americans over the age of 12 abuse stimulants for euphoric highs and increased performance or wakefulness.

Development Strategy. We are developing a drug candidate (ORADUR-ADHD) based on our ORADUR Technology for the treatment of ADHD. This drug candidate is intended to provide once-a-day dosing with added tamper resistant characteristics to address common methods of abuse and misuse of these types of drugs. In August 2009, we entered into a development and license agreement with Orient Pharma, a diversified multinational pharmaceutical, healthcare and consumer products company with headquarters in Taiwan, under which we granted to Orient Pharma development and commercialization rights in certain defined Asian and South Pacific countries to ORADUR-ADHD. We retain rights to North America, Europe, Japan and all other countries not specifically licensed to Orient Pharma. Under our agreement with Orient Pharma, the parties will collaborate to perform a clinical development program through a Phase 2 study intended to produce a data package suitable for further development of the drug candidate by us as well as Orient Pharma in their respective territories. We will be responsible for formulation and study design of the Phase 1 and Phase 2 clinical program which Orient Pharma has agreed to fund and execute. Orient Pharma would be responsible for all remaining development and commercialization activities for ORADUR-ADHD in the licensed territory. If commercialized, we will be entitled to receive a royalty on sales of ORADUR-ADHD by Orient Pharma. Orient Pharma has committed to supply a portion of our commercial requirements in all territories other than the U.S. for ORADUR-ADHD. In 2013, we and Orient Pharma selected a lead formulation based on its potential for rapid onset of action, long duration for once-a-day dosing and target pharmacokinetic profile as demonstrated in a Phase 1 trial. In addition, this product candidate is expected to utilize a small capsule size relative to the leading existing long-acting products on the market. Orient Pharma has initiated a Phase 3 study in Taiwan and anticipates completing it in 2016. We retain rights to all other territories in the world and are engaged in licensing discussions with other companies.

ELADUR (TRANSDUR-Bupivacaine)

Market Opportunity. Pain can arise from a variety of diseases and conditions, and in many instances, pain originates from a localized point in the body and can benefit from treatments which are administered and act locally as opposed to in a systemic fashion. One such example is post-herpetic neuralgia (PHN or post-shingles pain), a debilitating complication of herpes zoster, which is usually defined as the presence of pain at the site of eruption that lasts more than a month after the onset of a zoster eruption. The prevalence of PHN (including PHN

lasting more than one year) is estimated to be approximately 144,000 people in the U.S. In addition to PHN, there are a number of other widely prevalent chronic and acute local pain conditions (e.g., neuropathic pain, sprains, strains, and contusions) that could benefit from a locally acting pain product.

Development Strategy. Our transdermal bupivacaine patch (ELADUR) under development is intended to provide continuous delivery of bupivacaine for up to three days from a single application, as compared to a wearing time limited to 12 hours with currently available lidocaine patches. We anticipate that ELADUR will have several potential differentiating attributes compared with currently marketed lidocaine patches, including extended duration of action and better wearability. During 2008, we received Orphan Drug Designation for bupivacaine for relief of persistent pain associated with PHN, such that if ELADUR is the first bupivacaine product approved for PHN, ELADUR should be eligible to receive seven years of data exclusivity following its approval by the FDA. There can be no assurance that ELADUR will be the first bupivacaine product approved for PHN, and therefore ELADUR may not be entitled to the seven year data exclusivity period for orphan drugs. Effective October 2008, we licensed the worldwide development and commercialization rights for ELADUR to Alpharma Ireland Limited (Alpharma), which was acquired by King in December 2008. In February 2011, Pfizer acquired King and thereby assumed the rights and obligations of King with respect to ELADUR. In February 2012, Pfizer gave notice that its rights with respect to ELADUR were being returned to us. In January 2014, we and Impax Laboratories, Inc. (Impax) entered into a definitive agreement (the Impax Agreement) pursuant to which we have granted Impax an exclusive worldwide license to our proprietary TRANSDUR transdermal delivery technology and other intellectual property to develop and commercialize ELADUR, in addition to selling certain assets and rights in and related to the product. Impax will control and fund the development and commercialization programs, and the parties established a joint management committee to oversee, review and coordinate the development and commercialization activities of the parties under the Impax Agreement.

Clinical Program. In 2007, we reported positive results from a 60 patient Phase 2a clinical trial for ELADUR. In this study of patients suffering from PHN, ELADUR showed improved pain control versus placebo during the 3-day continuous treatment period. In addition, ELADUR appeared well tolerated overall, and patients treated with ELADUR and placebo exhibited similar safety profiles. After acquiring Alpharma, King altered the clinical and regulatory strategy for further development of this program to prioritize chronic low back pain. We reported top line data from a Phase 2 clinical trial conducted by King for ELADUR in April 2011. In this study of 263 patients suffering from chronic low back pain, the primary efficacy endpoint of demonstrating a positive treatment difference for the mean change in pain intensity scores from baseline to the mean of weeks 11 and 12 between ELADUR as compared to placebo was not met. Commencing in January 2014, Impax is now in charge of the future development program for ELADUR.

Relday

Market Opportunity. Risperidone is one of the most widely prescribed medications used to treat the symptoms of schizophrenia and bipolar I disorder in adults and teenagers 13 years of age and older. Relday is being developed to address unmet clinical needs in this large patient population. An existing long-acting injectable risperidone product, which achieved global net sales of approximately $1.2 billion in 2014, requires twice monthly, intramuscular injections and drug reconstitution prior to use. We and Zogenix expect that, if approved, Relday will be the first once-monthly, subcutaneous antipsychotic product that may offer an improved pharmacokinetic profile, significant reduction in injection volume and a simplified dosing regimen. We and Zogenix also expect that, if approved, Relday will provide a new long-acting treatment option for patients that currently use daily oral antipsychotic products.

Development Strategy. Under the development and license agreement entered into in July 2011 after working together since October 2007 under a feasibility agreement, Zogenix will be responsible for the clinical development and commercialization of a proprietary, long-acting injectable formulation of risperidone using our SABER controlled-release formulation technology. We will share non-clinical development responsibilities. In

January 2013, Zogenix reported positive single-dose pharmacokinetic (PK) results from a Phase 1 clinical trial of Relday. According to Zogenix, adverse events in the Phase 1 trial in patients diagnosed with schizophrenia were generally mild to moderate and consistent with other risperidone products. The Phase 1 clinical trial for Relday was conducted as a single-center, open-label, safety and PK trial of 30 patients with chronic, stable schizophrenia or schizoaffective disorder. Per Zogenix, based on the favorable safety and PK profile demonstrated with the 25 mg and 50 mg once-monthly doses tested in the Phase 1 trial, Zogenix extended the study to include a 100 mg dose of the same formulation. In May 2013, Zogenix announced positive results with the 100 mg arm, demonstrating dose proportionality across the full dose range that would be anticipated to be used in clinical practice. In March 2015, Zogenix commenced a Phase 1b multi-dose parallel clinical trial, enrolling 60 subjects, for which Zogenix announced positive top line results in September 2015. According to Zogenix, the results for Relday demonstrated that risperidone plasma concentrations in the therapeutic range were achieved on the first day of dosing, reached steady state levels following the second dose and consistently maintained therapeutic levels throughout the four-month period. Also according to Zogenix, Relday was generally safe and well-tolerated, with results consistent with the profile of risperidone and the previous Phase 1 single-dose clinical trial. Zogenix further stated that it has now initiated efforts to secure a development and commercialization partner for Relday, and that Relday is well-positioned to begin a Phase 3 program once a partner is secured.

Additional ORADUR-Opioid Products

Since 2006, we also worked with Pain Therapeutics on the development of three additional ORADUR abuse-resistant opioid drug candidates which would address the chronic pain market. Phase 1 clinical trials have been conducted for two of these ORADUR-based products (hydrocodone and hydromorphone), and an IND has been accepted by the FDA for the fourth ORADUR-based opioid (oxymorphone). In October 2013, Pain Therapeutics stated that it had regained all rights from Pfizer with respect to the three other ORADUR-based opioid drug candidates (hydrocodone, hydromorphone and oxymorphone). In 2015, Pain Therapeutics returned to us all of Pain Therapeutics' rights and obligations under our license agreement to develop and commercialize ORADUR-based formulations of hydrocodone but without impacting the rights and obligations of the two parties with respect to REMOXY (oxycodone), hydromorphone and oxymorphone. In 2015, we conducted research and development activities on two of these programs under approved workplans with Pain Therapeutics.

Depot Injectable Programs

In addition to biologic drugs, many traditional small molecule drugs have to be given by frequent injections, which is costly, inconvenient and may result in either unwanted side effects or suboptimal efficacy. We have active programs underway to improve our depot injectable systems and to apply those systems to various drugs and drug candidates, and have entered into a number of feasibility studies with biotechnology and pharmaceutical companies to test their products in our systems. The Relday program with Zogenix and the ophthalmic program with Santen are two projects which started as depot injectable feasibility projects and then matured into development and license agreements.

Research Programs in other Therapeutic Categories

We have underway a number of research programs covering medical diseases and conditions other than pain. Such programs include various diseases and disorders of the central nervous system, cardiovascular disease, ophthalmic conditions and metabolic disorders. In conducting our research programs and determining which particular efforts to prioritize for formal development, we employ a rigorous opportunity assessment process that takes into account the unmet medical need, commercial opportunity, technical feasibility, clinical viability, intellectual property considerations, and the development path including costs to achieve various critical milestones.

DURECT Strategy

Our objective is to develop multiple pharmaceutical products that address significant unmet medical needs and improve patients' quality of life. To achieve this objective, our strategy includes the following key elements:

Apply our Drug Development Expertise to New Chemical Entities Derived from our Epigenomic Regulator Program. We have assembled a core team of employees with considerable experience in drug development, and it is our intent to leverage their capabilities by developing pharmaceuticals derived from our Epigenomic Regulator Program. We believe that these new chemical entities may have utility for several metabolic diseases such as NAFLD and NASH, in acute organ injuries such as acute kidney injury, and in various orphan diseases. We believe that these product candidates may be of interest to larger pharmaceutical companies and that it may be possible to license the rights to certain products from this program while retaining the rights to other product candidates for either our own development and commercialization or for licensing at a later stage of development.

Focus on Chronic Debilitating Medical Conditions, Certain Local Pain Conditions and Certain Acute Indications. Many of the diseases and disorders that present great challenges to medicine include pain management, CNS disorders, metabolic disorders, cardiovascular disease, acute organ injury, ophthalmic conditions and other chronic diseases. In addition, we have identified certain local and acute pain and other medical conditions that we believe can be addressed by improved therapeutics. Our current efforts focus on using our versatile drug delivery platform technologies to develop products that address these medical conditions and on exploiting our Epigenomic Regulator Program through which we have identified new chemical entities that may have utility in conditions such as acute organ injuries and chronic metabolic/lipid disorders.

Minimize Product Development Risk. Initially, we intend to minimize product development risk by using our drug delivery platform technologies to administer drugs for which medical data on efficacy and safety are available. This strategy reduces much of the development risk that is inherent in traditional pharmaceutical product discovery. We anticipate that we can expand the medical usefulness of existing well-characterized drugs in several ways:

- expand uses or create new uses for existing drugs by delivering drugs continuously for convenient long dosing intervals;
- create new uses for drugs which were previously considered to be too potent to be used safely by precisely controlling dosing;
- deliver drugs by injection or transdermally to eliminate the first pass effect whereby the efficacy of the active agent is impacted by digestion and deactivation;
- enhance drug performance by minimizing side effects; and
- expand uses of drugs by delivering them to the target site.

Enable the Development of Pharmaceutical Systems Based on Biotechnology and Other New Compounds. We believe there is a significant opportunity for pharmaceutical systems to add value to therapeutic medicine by administering biologics, such as proteins and peptides. We believe our technologies will improve the specificity, potency, convenience and cost-effectiveness of proteins, peptides, and other newly discovered drugs. Our systems can enable these compounds to be effectively administered, thus allowing them to become viable medicines. We can address the stability and storage needs of these compounds through our advanced formulation technology and package them in a suitable pharmaceutical system for optimum delivery. Through continuous administration, the SABER and CLOUD technology platforms may eliminate or reduce the need for multiple injections of these drugs. In addition, through precise placement of our proprietary biodegradable drug formulations, proteins can be delivered to specific tissues for extended periods of time, thus ensuring that large molecule agents are present at the desired site of action and minimizing the potential for adverse side effects elsewhere in the body.

Diversify Risk by Pursuing Multiple Programs in Development. In order to reduce the risks inherent in pharmaceutical product development, we have diversified our product pipeline such that, between our own programs and those where we have collaborated, we presently have two programs for which New Drug Applications have been filed and Complete Response Letters have been received, and six different other programs in development, including three oral drug candidates, one transdermal patch candidate and two injectable drug candidates. We believe that having multiple programs in development helps mitigate the negative consequences to us of any setbacks or delays in any one of our programs.

Enable Product Development Through Strategic Collaborations. We believe that entering into selective collaborations with respect to our product development programs can enhance the success of our product development and commercialization, mitigate our risk and enable us to better manage our operating costs. Additionally, such collaborations enable us to leverage investment by our collaborators and reduce our net cash burn, while retaining significant economic rights.

Build Our Own Commercial Organization. In the future, we may elect to build our own commercial, sales and marketing capability in order to capture more of the economic value of certain products that we may develop. If we choose to enter into third-party collaborations to commercialize our pharmaceutical product candidates, we may in the future enter into these alliances under circumstances that allow us to participate in the sales and marketing of these products.

Third-Party Collaborations

We have entered into the following agreements in connection with our third party collaborations:

Santen Pharmaceutical Co., Ltd. On December 11, 2014, we and Santen Pharmaceutical Co., Ltd. ("Santen") entered into a definitive agreement (the Santen Agreement). Pursuant to the Santen Agreement, we have granted Santen an exclusive worldwide license to our proprietary SABER formulation platform and other intellectual property to develop and commercialize a sustained release product utilizing our SABER technology to deliver an ophthalmology drug. Santen will control and fund the development and commercialization program, and the parties will establish a joint management committee to oversee, review and coordinate the development activities of the parties under the Agreement.

In connection with the license agreement, Santen paid us an upfront fee of $2.0 million in cash and agreed to make contingent cash payments to us of up to $76.0 million upon the achievement of certain milestones, of which $13.0 million are development-based milestones (none of which has been achieved as of December 31, 2015), and $63.0 million are commercialization-based milestones including milestones requiring the achievement of certain product sales targets (none of which has been achieved as of December 31, 2015). Santen will also pay for certain of our costs incurred in the development of the licensed product. If the product is commercialized, we would also receive a tiered royalty on annual net product sales ranging from single-digit to the low double digits, determined on a country-by-country basis. Santen may terminate the Santen Agreement without cause at any time upon prior written notice, and either party may terminate the Santen Agreement upon certain circumstances including a material uncured breach. As of December 31, 2015, the cumulative aggregate payments received by us under this agreement were $2.4 million.

Impax Laboratories, Inc. On January 3, 2014, we and Impax entered into the definitive Impax Agreement. Pursuant to the Impax Agreement, we have granted Impax an exclusive worldwide license to our proprietary TRANSDUR transdermal delivery technology and other intellectual property to develop and commercialize ELADUR, our investigational transdermal bupivacaine patch for the treatment of pain associated with PHN, in addition to selling certain assets and rights in and related to the product. Impax will control and fund the development and commercialization programs, and the parties will establish a joint management committee to oversee, review and coordinate the development and commercialization activities of the parties under the Impax Agreement. Impax will reimburse us for certain future research and development we may be requested to conduct on the product.

In connection with the Impax Agreement, Impax paid us an upfront fee of $2.0 million in cash and agreed to make contingent cash payments to us of up to $61.0 million payable based upon the achievement of predefined milestones, of which $31.0 million are development-based milestones and $30.0 million are commercialization-based milestones. Upon the first commercialization of ELADUR by Impax, we would also receive a tiered mid single-digit to low double-digit royalty on annual net product sales determined on a country-by-country basis. Impax is also required to pay to us a percentage of fees received in connection with any sublicense of the licensed rights. Impax may terminate the Impax Agreement without cause at any time upon prior written notice, and either party may terminate the Impax Agreement upon certain circumstances including written notice of a material uncured breach. As of December 31, 2015, the cumulative aggregate payments received by us under this agreement were $2.1 million.

Zogenix, Inc. On July 11, 2011, we and Zogenix, Inc., (Zogenix), entered into a Development and License Agreement (the Zogenix Agreement). We and Zogenix had previously been working together under a feasibility agreement pursuant to which our research and development costs were reimbursed by Zogenix. Under the Zogenix Agreement, Zogenix is responsible for the clinical development and commercialization of a proprietary, long-acting injectable formulation of risperidone using our SABER and other controlled-release depot formulation technologies. We are responsible for non-clinical, formulation and CMC development activities. We will be reimbursed by Zogenix for our research and development efforts on the product. Zogenix paid a non-refundable upfront fee to us of $2.25 million in July 2011. Zogenix is obligated to pay us up to $103 million in total future milestone payments with respect to the product subject to and upon the achievement of various development, regulatory and sales milestones. Of these potential milestones, $28 million are development-based milestones (none of which has been achieved as of December 31, 2015), and $75 million are sales-based milestones (none of which has been achieved as of December 31, 2015). Zogenix is also required to pay a mid single-digit to low double-digit percentage patent royalty on annual net sales of the product determined on a jurisdiction-by-jurisdiction basis.

We granted to Zogenix an exclusive worldwide license, with sub-license rights, to the intellectual property rights related to the proprietary polymeric and non-polymeric controlled-release formulation technology to make and have made, use, offer for sale, sell and import risperidone products, where risperidone is the sole active agent, for administration by injection in the treatment of schizophrenia, bipolar disorder or other psychiatric related disorders in humans. We retain the right to supply Zogenix's Phase 3 clinical trial and commercial product requirements on the terms set forth in the Zogenix Agreement. We retain the right to terminate the Zogenix Agreement with respect to specific countries if Zogenix fails to advance the development of the product in such country, either directly or through a sublicensee. In addition, either party may terminate the Zogenix Agreement upon insolvency or bankruptcy of the other party, upon written notice of a material uncured breach or if the other party takes any act impairing such other party's relevant intellectual property rights. Zogenix may terminate the Zogenix Agreement upon written notice if during the development or commercialization of the product, the product becomes subject to one or more serious adverse drug experiences or if either party receives notice from a regulatory authority, independent review committee, data safety monitoring board or other similar body alleging significant concern regarding a patient safety issue. Zogenix may also terminate the Zogenix Agreement with or without cause, at any time upon prior written notice. As of December 31, 2015, the cumulative aggregate payments received by us under this agreement and the prior feasibility agreement were $19.3 million.

Pain Therapeutics, Inc. In December 2002, we entered into an exclusive agreement with Pain Therapeutics to develop and commercialize on a worldwide basis oral sustained release, abuse deterrent opioid products incorporating four specified opioid drugs using our ORADUR technology. The agreement also provides Pain Therapeutics with the exclusive right to commercialize products developed under the agreement on a worldwide basis. In connection with the execution of the agreement, Pain Therapeutics paid us an upfront fee. In November 2005, Pain Therapeutics sublicensed the worldwide commercialization rights (except for Australia and New Zealand) to certain products developed under the agreement (including REMOXY) to King. In February 2011 Pfizer acquired King and thereby assumed the rights and obligations of King with respect to the sublicense

agreement. In December 2005, we amended our agreement with Pain Therapeutics in order to specify our obligations with respect to the supply of key excipients for use in the licensed products. Under the amended agreement, we are responsible for formulation development, supply of selected key excipients used in the manufacture of licensed product and other specified tasks. We receive reimbursement for our research and development efforts on the licensed products and a manufacturing profit on our supply of key product excipients to Pain Therapeutics for use in the licensed products. In 2015, Pain Therapeutics returned to us all of Pain Therapeutics' rights and obligations under our license agreement to develop and commercialize ORADUR-based formulations of hydrocodone but without impacting the rights and obligations of the two parties with respect to REMOXY, hydromorphone and oxymorphone. Under the agreement with Pain Therapeutics, subject to and upon the achievement of predetermined development and regulatory milestones for the two drug candidates currently in development, we are entitled to receive milestone payments of up to $7.2 million in the aggregate. As of December 31, 2015, we had received $1.7 million in cumulative milestone payments. In addition, if commercialized, we will receive royalties for REMOXY and other licensed products which do not contain an opioid antagonist of between 6.0% to 11.5% of net sales of the product depending on the sales volumes. This agreement can be terminated by either party for material breach by the other party and by Pain Therapeutics without cause. As of December 31, 2015, the cumulative aggregate payments received by us under this agreement were $45.6 million.

In addition, pursuant to a long term supply agreement that has now terminated, in 2015, 2014 and 2013, the Company recognized $96,000, $33,000 and $273,000 of product revenue, respectively, related to key excipients for REMOXY and the associated cost of goods sold was $51,000, zero and $165,000, respectively.

Commercial Product Lines

ALZET

The ALZET product line consists of miniature, implantable osmotic pumps and accessories used for experimental research in mice, rats and other laboratory animals. These pumps are neither approved nor intended for human use. ALZET pumps continuously deliver drugs, hormones and other test agents at controlled rates from one day to six weeks without the need for external connections, frequent handling or repeated dosing. In laboratory research, these infusion pumps can be used for systemic administration when implanted under the skin or in the body. They can be attached to a catheter for intravenous, intracerebral, or intra-arterial infusion or for targeted delivery, where the effects of a drug or test agent are localized in a particular tissue or organ. The wide use and applications of the ALZET product line is evidenced by the more than 15,000 scientific references that now exist.

We acquired the ALZET product line and assets used primarily in the manufacture, sale and distribution of this product line from ALZA in April 2000. We believe that the ALZET product line provides us with innovative design and application opportunities for potential new products.

LACTEL Absorbable Polymers

We currently design, develop and manufacture a wide range of standard and custom biodegradable polymers based on lactide, glycolide and caprolactone under the LACTEL brand for pharmaceutical and medical device clients for use as raw materials in their products. These materials are manufactured and sold by us directly from our facility in Alabama and are used by us and our third-party customers for a variety of controlled-release and medical-device applications, including several FDA-approved commercial products.

Marketing and Sales

Historically, we have established strategic distribution and marketing alliances for products based on our pharmaceutical systems to leverage the established sales organizations that certain pharmaceutical companies have in markets we are targeting. In the future, we may elect to build our own commercial, sales and marketing

capability in order to capture more of the economic value of certain products that we may develop. If we choose to enter into third-party collaborations to commercialize our pharmaceutical systems, we may in the future enter into these alliances under circumstances that allow us to participate in the sales and marketing of these products. We will continue to pursue strategic alliances and collaborators from time to time consistent with our strategy to leverage the established sales organizations of third-party collaborators to achieve greater market penetration for some of our products than we could on our own. If we choose to enter into third-party collaborations to commercialize our pharmaceutical systems, we believe we have the flexibility to enter into these alliances under circumstances that allow us to retain greater economic participation because our pharmaceutical systems combine drugs for which medical data on efficacy and safety are available with proven technology platforms.

We market and sell our ALZET and LACTEL product lines through a direct sales force in the U.S. and through a network of distributors outside of the U.S.

Suppliers

We purchase sucrose acetate isobutyrate, a raw material for our ORADUR and SABER-based pharmaceutical systems, including POSIMIR, REMOXY and other ORADUR-based drug candidates, pursuant to a supply agreement with Eastman Chemical Company. Our supply agreement with Eastman Chemical Company requires us to purchase a certain portion of our requirements for sucrose acetate isobutyrate from Eastman Chemical and obligates us to pay a fee per annum if our purchases do not meet specified sales targets. The agreement may be terminated by either party under certain circumstances, including any material uncured breach by, or the insolvency, liquidation or bankruptcy of, or similar proceedings involving, the other party. We believe that this agreement will provide a sufficient supply of these raw materials to meet our needs for the foreseeable future. We do not have in place long term supply agreements with respect to all of the components of any of our pharmaceutical product candidates, however, and are subject to the risk that we may not be able to procure all required components in adequate quantities with acceptable quality, within acceptable time frames or at reasonable cost.

Customers

Our product revenues principally are derived from the sale of the ALZET product line to academic and pharmaceutical industry researchers, the LACTEL product lines to pharmaceutical and medical device customers, and from the sale of certain key excipients that are included in REMOXY and other products. Until such time that we are able to bring our pharmaceutical product candidates to market, if at all, we expect these to be our principal sources of product revenue. We also receive revenue from collaborative research and development arrangements with our third-party collaborators. In 2015, Zogenix and Tolmar Inc. accounted for 26% and 11% of the Company's total revenues, respectively. In 2014, Zogenix and Impax accounted for 23% and 11% of our total revenues, respectively. In 2013, Tolmar Inc. accounted for 15% of our total revenues.

Manufacturing

The process for manufacturing our pharmaceutical product candidates is technically complex, requires special skills, and must be performed in a qualified facility. We have entered into a manufacturing development agreement with a contract manufacturing organization for the manufacture of POSIMIR. In addition, we have a small multi-discipline manufacturing facility in California that we have used to manufacture research and clinical supplies of several of our pharmaceutical product candidates under GMP, including POSIMIR, REMOXY, and ELADUR. In the future, we intend to develop additional manufacturing capabilities for our pharmaceutical product candidates and components to meet our demands and those of our third party collaborators by contracting with third party manufacturers and by potentially constructing additional manufacturing space at our current facilities in California and Alabama. We manufacture our ALZET product line and certain key components for REMOXY at one of our California facilities and our LACTEL product line at our Alabama facility.

Patents, Licenses and Proprietary Rights

Our success depends in part on our ability to obtain patents, to protect trade secrets, to operate without infringing upon the proprietary rights of others and to prevent others from infringing on our proprietary rights. Our policy is to seek to protect our proprietary position by, among other methods, filing U.S. and foreign patent applications related to our proprietary technology, inventions and improvements that are important to the development of our business. As of February 18, 2016, we held over 55 unexpired issued U.S. patents and over 375 unexpired issued foreign patents (which include granted European patent rights that have been validated in various EU member states). In addition, we have over 35 pending U.S. patent applications and over 75 foreign applications pending in Europe, Australia, Japan, Canada and other countries.

Proprietary rights relating to our planned and potential products will be protected from unauthorized use by third parties only to the extent that they are covered by valid and enforceable patents or are effectively maintained as trade secrets. Patents owned by or licensed to us may not afford protection against competitors, and our pending patent applications now or hereafter filed by or licensed to us may not result in patents being issued. In addition, the laws of certain foreign countries may not protect our intellectual property rights to the same extent as do the laws of the U.S.

The patent positions of biopharmaceutical companies involve complex legal and factual questions and, therefore, their enforceability cannot be predicted with certainty. Our patents or patent applications, or those licensed to us, if issued, may be challenged, invalidated or circumvented, and the rights granted thereunder may not provide proprietary protection or competitive advantages to us against competitors with similar technology. Furthermore, our competitors may independently develop similar technologies or duplicate any technology developed by us. Because of the extensive time required for development, testing and regulatory review of a potential product, it is possible that, before any of our products can be commercialized, any related patent may expire or remain in existence for only a short period following commercialization, thus reducing any advantage of the patent, which could adversely affect our ability to protect future product development and, consequently, our operating results and financial position.

Because patent applications in the U.S. are typically maintained in secrecy for at least 18 months after filing and since publication of discoveries in the scientific or patent literature often lag behind actual discoveries, we cannot be certain that we were the first to make the inventions covered by each of our issued or pending patent applications or that we were the first to file for protection of inventions set forth in such patent applications.

Our planned or potential products may be covered by third-party patents or other intellectual property rights, in which case we would need to obtain a license to continue developing or marketing these products. Any required licenses may not be available to us on acceptable terms, if at all. If we do not obtain any required licenses, we could encounter delays in product introductions while we attempt to design around these patents, or could find that the development, manufacture or sale of products requiring such licenses is foreclosed. Litigation may be necessary to defend against or assert such claims of infringement, to enforce patents issued to us, to protect trade secrets or know-how owned by us, or to determine the scope and validity of the proprietary rights of others. In addition, interference, derivation, post-grant oppositions, and similar proceedings may be necessary to determine rights to inventions in our patents and patent applications. Litigation or similar proceedings could result in substantial costs to and diversion of effort by us, and could have a material adverse effect on our business, financial condition and results of operations. These efforts by us may not be successful.

We may rely, in certain circumstances, on trade secrets to protect our technology. However, trade secrets are difficult to protect. We seek to protect our proprietary technology and processes, in part, by confidentiality agreements with our employees and certain contractors. There can be no assurance that these agreements will not be breached, that we will have adequate remedies for any breach, or that our trade secrets will not otherwise become known or be independently discovered by competitors. To the extent that our employees, consultants or contractors use intellectual property owned by others in their work for us, disputes may also arise as to the rights in related or resulting know-how and inventions.

We have also entered into an exclusive in-license and research and development agreement with the Virginia Commonwealth University Intellectual Property Foundation regarding the new chemical entities under development through our Epigenomic Regulator Program. Under this licensing arrangement, we have agreed to undertake certain efforts to bring licensed products to market, prosecute related patents and report on progress to VCU. In addition, we are obligated to pay low single-digit percentage patent royalties on net sales of licensed products, subject to annual minimum payments and additional milestone payments. This license includes rights to six patent families.

Government Regulation

The Food and Drug Administration. The FDA and comparable regulatory agencies in state and local jurisdictions and in foreign countries impose substantial requirements upon the clinical development, manufacture and marketing of pharmaceutical products. These agencies and other federal, state and local entities regulate research and development activities and the testing, manufacture, quality control, safety, effectiveness, labeling, storage, distribution, record keeping, approval, advertising and promotion of our products. We believe that our initial pharmaceutical systems will be regulated as drugs by the FDA rather than as biologics or devices.

The process required by the FDA under the new drug provisions of the Federal Food, Drug and Cosmetics Act (the Act) before our initial pharmaceutical systems may be marketed in the U.S. generally involves the following:

- preclinical laboratory and animal tests;
- submission of an Investigational New Drug (IND) application which must become effective before clinical trials may begin;
- adequate and well-controlled human clinical trials to establish the safety and efficacy of the proposed pharmaceutical in our intended use; and
- FDA approval of a new drug application.

Section 505 of the Act describes three types of new drug applications: (1) an application that contains full reports of investigations of safety and effectiveness (section 505(b)(1)); (2) an application that contains full reports of investigations of safety and effectiveness but 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 (section 505(b)(2)); and (3) an application that contains information to show that the proposed product is identical in active ingredient, dosage form, strength, route of administration, labeling, quality, performance characteristics and intended use, among other things, to a previously approved product (section 505(j)). A supplement to an application is a new drug application. We expect that most of the Drug Delivery Program product candidates will be approved by submission of a new drug application under section 505(b)(2) and that our drug candidates deriving from our Epigenomic Regulator Program will be approved by submission of a new drug application under section 505(b)(1).

The testing and approval process requires substantial time, effort, and financial resources, and we cannot be certain that any approval will be granted on a timely basis, if at all. Even though several of our pharmaceutical systems utilize active drug ingredients that are commercially marketed in the United States in other dosage forms, we need to establish safety and effectiveness of those active ingredients in the formulation and dosage forms that we are developing.

Preclinical tests include laboratory evaluation of the product, its chemistry, formulation and stability, as well as animal studies to assess the potential safety and efficacy of the pharmaceutical system. We then submit the results of the preclinical tests, together with manufacturing information and analytical data, to the FDA as part of an IND, which must become effective before we may begin human clinical trials. Each subsequent new clinical protocol must also be submitted to the IND. An IND automatically becomes effective 30 days after receipt by the

FDA, unless the FDA, within the 30-day time period, raises concerns or questions about the conduct of the trials as outlined in the IND and imposes a clinical hold. In such a case, the IND sponsor and the FDA must resolve any outstanding concerns before clinical trials can begin. Our submission of an IND may not result in FDA authorization to commence clinical trials. Further, an independent Institutional Review Board at each medical center proposing to conduct the clinical trials must review and approve any clinical study as well as the related informed consent forms and authorization forms that permit us to use individually identifiable health information of study participants.

Human clinical trials are typically conducted in three sequential phases which may overlap:

- Phase 1: The drug is initially introduced into healthy human subjects or patients and tested for safety, dosage tolerance, absorption, metabolism, distribution and excretion.
- Phase 2: Involves clinical trials in a limited patient population to identify possible adverse effects and safety risks, to determine the efficacy of the product for specific targeted diseases and to determine dosage tolerance and optimal dosage.
- Phase 3: When Phase 2 clinical trials demonstrate that a dosage range of the product is effective and has an acceptable safety profile, Phase 3 clinical trials are undertaken to further evaluate dosage, clinical efficacy and to further test for safety in an expanded patient population, at multiple, geographically dispersed clinical study sites.

In the case of products for severe diseases, such as chronic pain, or life-threatening diseases such as cancer, the initial human testing is often conducted in patients with disease rather than in healthy volunteers. Since these patients already have the target disease or condition, these studies may provide initial evidence of efficacy traditionally obtained in Phase 2 trials, and thus these trials are frequently referred to as Phase 1/2 clinical trials. We cannot be certain that we will successfully complete Phase 1, Phase 2 or Phase 3 clinical trials of our pharmaceutical systems within any specific time period, if at all. Furthermore, the FDA or the Institutional Review Board or the sponsor may suspend clinical trials at any time on various grounds, including a finding that the subjects or patients are being exposed to an unacceptable health risk. During the clinical development of products, sponsors frequently meet and consult with the FDA in order to ensure that the design of their studies will likely provide data both sufficient and relevant for later regulatory approval; however, no assurance of approvability can be given by the FDA.

The results of product development, preclinical studies and clinical studies are submitted to the FDA as part of a new drug application, or NDA, for approval of the marketing and commercial shipment of the product. Submission of an NDA requires the payment of a substantial user fee to the FDA, and although the agency has defined user fee goals for the time in which to respond to sponsor applications, we cannot assure you that the FDA will act in any particular timeframe. The FDA may deny a new drug application if the applicable regulatory criteria are not satisfied or may require additional clinical data. Even if such data is submitted, the FDA may ultimately decide that the new drug application does not satisfy the criteria for approval. Once issued, the FDA may withdraw product approval if compliance with regulatory standards is not maintained or if safety problems occur after the product reaches the market. Requirements for additional Phase 4 studies (post approval marketing studies) to confirm safety and effectiveness in a broader commercial use population may be imposed as a condition of marketing approval. In addition, the FDA requires surveillance programs to monitor approved products which have been commercialized, and the agency has the power to require changes in labeling or to prevent further marketing of a product based on the results of these post-marketing programs. Any comparative claims that we would like to make for our products vis-à-vis other dosage forms or products will need to be substantiated generally by two adequate and well-controlled head-to-head clinical trials.

Satisfaction of FDA requirements or similar requirements of state, local and foreign regulatory agencies typically takes several years and the actual time required may vary substantially, based upon the type, complexity and novelty of the pharmaceutical product. Government regulation may delay or prevent marketing of potential products for a considerable period of time and impose costly procedures upon our activities. We cannot be

certain that the FDA or any other regulatory agency will grant approval for any of our pharmaceutical systems under development on a timely basis, if at all. Success in preclinical or early stage clinical trials does not assure success in later stage clinical trials. Data obtained from preclinical and clinical activities is not always conclusive and may be susceptible to varying interpretations which could delay, limit or prevent regulatory approval. Evolving safety concerns can result in the imposition of new requirements for expensive and time consuming tests, such as for QT interval cardiotoxicity testing. Even if a product receives regulatory approval, the approval may be significantly limited to specific indications. Further, even after regulatory approval is obtained, later discovery of previously unknown problems with a product may result in restrictions on the product or even complete withdrawal of the product from the market. Any pharmaceutical systems that we may develop and obtain approval for would also be subject to adverse findings of the active drug ingredients being marketed in different dosage forms and formulations. Delays in obtaining, or failures to obtain regulatory approvals would have a material adverse effect on our business. Marketing our pharmaceutical systems abroad will require similar regulatory approvals and is subject to similar risks. In addition, we cannot predict what adverse governmental regulations may arise from future U.S. or foreign governmental action.

Any pharmaceutical systems manufactured or distributed by us pursuant to FDA approvals are subject to pervasive and continuing regulation by the FDA, including record-keeping requirements and reporting of adverse experiences with the drug. Drug manufacturers and their subcontractors are required to register their establishments with the FDA and state agencies, and are subject to periodic unannounced inspections by the FDA and state agencies for compliance with good manufacturing practices, which impose procedural and documentation requirements upon us and our third party manufacturers. We cannot be certain that we or our present or future suppliers will be able to comply with the GMP regulations and other FDA regulatory requirements.

The FDA regulates drug labeling and promotion activities. The FDA has actively enforced regulations prohibiting the marketing of products for unapproved uses, and federal and state authorities are also actively litigating against sponsors who promote their drugs for unapproved uses under various fraud and abuse and false claims act statutes. We and our pharmaceutical systems are also subject to a variety of state laws and regulations in those states or localities where our pharmaceutical systems are or will be marketed. Any applicable state or local regulations may hinder our ability to market our pharmaceutical systems in those states or localities. We are also subject to numerous federal, state and local laws relating to such matters as safe working conditions, manufacturing practices, environmental protection, fire hazard control, and disposal of hazardous or potentially hazardous substances. We may incur significant costs to comply with such laws and regulations now or in the future.

The FDA's policies may change and additional government regulations may be enacted which could prevent or delay regulatory approval of our potential pharmaceutical systems. Moreover, increased attention to the containment of health care costs in the U.S. and in foreign markets could result in new government regulations that could have a material adverse effect on our business. We cannot predict the likelihood, nature or extent of adverse governmental regulation that might arise from future legislative or administrative action, either in the U.S. or abroad.

On February 6, 2009, the FDA sent letters to manufacturers of certain opioid drug products, indicating that these drugs will be required to have a Risk Evaluation and Mitigation Strategy (REMS) to ensure that the benefits of the drugs continue to outweigh the risks. The affected opioid drugs include brand name and generic products and are formulated with the active ingredients fentanyl, hydromorphone, methadone, morphine, oxycodone, and oxymorphone. The FDA has authority to require a REMS under the Food and Drug Administration Amendments Act of 2007 (FDAAA) when necessary to ensure that the benefits of a drug outweigh the risks.

On April 19, 2011, the Office of National Drug Control Policy (ONDCP) released the Obama Administration's *Epidemic: Responding to America's Prescription Drug Abuse Crisis*—a comprehensive action plan to address the national prescription drug abuse epidemic. This plan includes action in four major areas to

reduce prescription drug abuse: education, monitoring, proper disposal, and enforcement. In support of the action plan, the FDA announced the elements of a Risk Evaluation and Mitigation Strategy (REMS) that will require all manufacturers of long-acting and extended-release opioids to ensure that training is provided to prescribers of these medications and to develop information that prescribers can use when counseling patients about the risks and benefits of opioid use. The FDA wants drug makers to work together to develop a single system for implementing the REMS strategies.

More recently, in February 2016, the FDA announced a comprehensive action plan to take concrete steps towards reducing the impact of opioid abuse on American families and communities. As part of this plan, the agency will review product and labelling decisions and re-examine the risk-benefit paradigm for opioids.

Many of our drug candidates including REMOXY and our other ORADUR-based opioid drug candidates are subject to the REMS requirement. Until the contours of required REMS programs are established by the FDA and understood by drug developers and marketers such as ourselves and our collaborators, and until the results of the FDA's recently announced initiatives are known, there may be delays in marketing approvals for these drug candidates. In addition, there may be increased cost, administrative burden and potential liability associated with the marketing and sale of these types of drug candidates subject to the REMS requirement, which could negatively impact the commercial benefits to us and our collaborators from the sale of these drug candidates.

The Drug Enforcement Administration. The Drug Enforcement Administration (DEA) regulates chemical compounds as Schedule I, II, III, IV or V substances, with Schedule I substances considered to present the highest risk of substance abuse and Schedule V substances the lowest risk. Certain active ingredients in REMOXY and our other ORADUR-based opioid drug candidates, are listed by the DEA as Schedule II under the Controlled Substances Act of 1970. Consequently, their manufacture, research, shipment, storage, sale and use are subject to a high degree of oversight and regulation. For example, all Schedule II drug prescriptions must be signed by a physician, physically presented to a pharmacist and may not be refilled without a new prescription. Furthermore, the amount of Schedule II substances we can obtain for clinical trials and commercial distribution is limited by the DEA and our quota may not be sufficient to complete clinical trials or meet commercial demand. There is a risk that DEA regulations may interfere with the supply of the drugs used in our clinical trials, and, in the future, our ability to produce and distribute our products in the volume needed to meet commercial demand, which could negatively impact us and our collaborators.

Competition

We may face competition from other companies in numerous industries including pharmaceuticals, medical devices and drug delivery. POSIMIR, ELADUR, Relday, REMOXY and other ORADUR-based drug candidates, if approved, will compete with currently marketed oral opioids, transdermal opioids, local anesthetic patches, anti-psychotics, stimulants, implantable and external infusion pumps which can be used for infusion of opioids and local anesthetics. Products of these types are marketed by Purdue Pharma, AbbVie, Janssen, Medtronic, Endo, AstraZeneca, Pernix Therapeutics, Tricumed, Halyard Health, Cumberland Pharmaceuticals, Pacira, Acorda Therapeutics, Mallinckrodt, Shire, Johnson & Johnson, Eli Lilly, Pfizer, Novartis and others. Purdue Pharma, Sandoz, Actavis, Collegium Pharmaceutical, Pfizer, Elite Pharmaceuticals, Intellipharmaceutics, Egalet, Teva Pharmaceuticals and others have also announced regulatory approval or development plans for abuse deterrent opioid products. Our ORADUR-ADHD product candidates, if approved, will compete with currently marketed or approved products by Shire, Johnson & Johnson, UCB, Novartis, Noven, Eli Lilly, Pfizer and others. Relday, if approved, will compete with currently marketed products by Johnson & Johnson, Eli Lilly, Astra Zeneca, Pfizer, Bristol-Myers Squibb, Otsuka, Sunovion Pharmaceuticals, Teva and others. Competition for DUR-928, if approved, will depend on the specific indications for which DUR-928 is approved. Intercept, Gilead, Shire, Conatus Pharmaceuticals, Galectin Therapeutics, Genfit, Pfizer, Roche, Galmed Pharmaceuticals, Tobira Therapeutics, Enanta Pharmaceuticals, Novo Nordisk, Takeda, Vital Therapies and others have development plans for products to treat NAFLD/NASH. Ischemix, Thrasos Therapeutics, AM-Pharma, Complexa, AbbVie, AlloCure, Quark Pharmaceuticals and others have development plans for products to treat acute kidney injury. Numerous companies

are applying significant resources and expertise to the problems of drug delivery and several of these are focusing or may focus on delivery of drugs to the intended site of action, including Alkermes, Pacira, Immune Pharmaceuticals, Innocoll, Nektar, Kimberly-Clark, Acorda Therapeutics, Flamel, Alexza, Mallinckrodt, Hospira, Pfizer, Cumberland Pharmaceuticals, Egalet, Acura, Elite Pharmaceuticals, Phosphagenics, Intellipharmaceutics, Collegium Pharmaceutical, Heron Therapeutics and others. Some of these competitors may be addressing the same therapeutic areas or indications as we are. Our current and potential competitors may succeed in obtaining patent protection or commercializing products before us. Many of these entities have significantly greater research and development capabilities than we do, as well as substantially more marketing, manufacturing, financial and managerial resources. These entities represent significant competition for us. Acquisitions of, or investments in, competing pharmaceutical or biotechnology companies by large corporations could increase such competitors' financial, marketing, manufacturing and other resources.

Any products we develop using our pharmaceutical systems technologies will compete in highly competitive markets. Many of our potential competitors in these markets have greater development, financial, manufacturing, marketing, and sales resources than we do and we cannot be certain that they will not succeed in developing products or technologies which will render our technologies and products obsolete or noncompetitive. In addition, many of those potential competitors have significantly greater experience than we do in their respective fields.

Corporate History, Headquarters and Website Information

We were incorporated in Delaware in February 1998. We completed our initial public offering on September 28, 2000. Our principal executive offices are located at 10260 Bubb Road, Cupertino, California, 95014. Our telephone number is (408) 777-1417, and our website address is www.durect.com. We make our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, and amendments to these reports available free of charge on our website as soon as reasonably practicable after we file these reports with the Securities and Exchange Commission. Our Code of Ethics can be found on our website.

Employees

As of February 18, 2016 we had 106 employees, including 57 in research and development, 22 in manufacturing and 27 in selling, general and administrative. From time to time, we also employ independent contractors to support our research, development and administrative organizations. None of our employees are represented by a collective bargaining unit, and we have never experienced a work stoppage. We consider our relations with our employees to be good.

Executive Officers of the Registrant

Our executive officers and their ages as of February 18, 2016 are as follows:

Name	Age	Position
Felix Theeuwes, D.Sc.	78	Chairman, Chief Scientific Officer and Director
James E. Brown, D.V.M.	59	President, Chief Executive Officer and Director
Matthew J. Hogan, M.B.A.	56	Chief Financial Officer
Judy R. Joice	59	Senior Vice President, Operations and Corporate Quality Assurance

Felix Theeuwes, D.Sc. co-founded DURECT in February 1998 and has served as our Chairman, Chief Scientific Officer and a Director since July 1998. Prior to that, Dr. Theeuwes held various positions at ALZA Corporation, including President of New Ventures from August 1997 to August 1998, President of ALZA Research and Development from 1995 to August 1997, President of ALZA Technology Institute from 1994 to April 1995 and Chief Scientist from 1982 to June 1997. Dr. Theeuwes holds a D.Sc. degree in Physics from the

University of Leuven (Louvain), Belgium. He also served as a post-doctoral fellow and visiting research assistant professor in the Department of Chemistry at the University of Kansas and has completed the Stanford Executive Program.

James E. Brown, D.V.M. co-founded DURECT in February 1998 and has served as our President, Chief Executive Officer and a Director since June 1998. He previously worked at ALZA Corporation as Vice President of Biopharmaceutical and Implant Research and Development from June 1995 to June 1998. Prior to that, Dr. Brown held various positions at Syntex Corporation, a pharmaceutical company, including Director of Business Development from May 1994 to May 1995, Director of Joint Ventures for Discovery Research from April 1992 to May 1995, and held a number of positions including Program Director for Syntex Research and Development from October 1985 to March 1992. Dr. Brown holds a B.A. from San Jose State University and a D.V.M. (Doctor of Veterinary Medicine) from the University of California, Davis where he also conducted post-graduate work in pharmacology and toxicology.

Matthew J. Hogan, M.B.A. has served as our Chief Financial Officer since September 2006. He was the Chief Financial Officer at Ciphergen Biosystems, Inc. from 2000 to 2006, and a consultant from March 2006. Prior to joining Ciphergen, Mr. Hogan was the Chief Financial Officer at Avocet Medical, Inc. from 1999 to 2000. From 1996 to 1999, Mr. Hogan was the Chief Financial Officer at Microcide Pharmaceuticals, Inc. From 1986 to 1996, he held various positions in the investment banking group at Merrill Lynch & Co., most recently as a Director focusing on the biotechnology and pharmaceutical sectors. Mr. Hogan holds a B.A. in economics from Dartmouth College and an M.B.A. from the Amos Tuck School of Business Administration.

Judy R. Joice has served as our Senior Vice President, Operations and Corporate Quality Assurance since March 2014 and as our Vice President, Operations and Corporate Quality Assurance since April 2011. Previously, Ms. Joice served as our Vice President, Corporate Quality Assurance since July 2008 and as our Executive Director, Quality Assurance from July 2007 to July 2008. She has over 25 years' experience in the pharmaceutical industry with such companies as Nektar Therapeutics, Oread, Roche Pharmaceuticals, and Syntex Research. During her career, Ms. Joice has gained broad experience in CMC development activities including novel excipients, new chemical entities, devices, and combination products. She has developed, implemented and managed all aspects of company-wide quality systems and compliance functions, ranging from drug development through commercial manufacturing. Ms. Joice has a B.S. in Chemistry from California State University, Hayward.

Item 1A. Risk Factors.

In addition to the other information in this Form 10-K, a number of factors may affect our business and prospects. These factors include but are not limited to the following, which you should consider carefully in evaluating our business and prospects.

Risks Related To Our Business

Regulatory approval of POSIMIR has been delayed and may be denied, and regulatory approval of our other product candidates is subject to delay or may be denied, which could harm our business

In February 2014, we received a Complete Response Letter to our NDA for POSIMIR from the FDA. Based on the Complete Response Letter and subsequent communications with the FDA, we are conducting a new POSIMIR Phase 3 clinical trial consisting of approximately 306 patients undergoing laparoscopic cholecystectomy (gallbladder removal) surgery to further evaluate the benefits and risks of POSIMIR. We began recruiting patients for this trial in November 2015 and expect that it will take approximately one year to complete enrollment. There can be no assurance that this clinical trial will be enrolled as quickly as expected or generate data necessary to support a successful NDA resubmission, or that it will be completed in a timely manner. There can also be no assurance that the results of this trial will be sufficient to support FDA approval. The failure to

adequately demonstrate the safety and effectiveness of a pharmaceutical product candidate under development to the satisfaction of FDA and other regulatory agencies has, with respect to POSIMIR and could, with respect to other product candidates, delay or prevent regulatory clearance of the potential product candidate, resulting in delays to the commercialization of our product candidate, and could materially harm our business. Clinical trials may not demonstrate the sufficient levels of safety and efficacy necessary to obtain the requisite regulatory approvals for our product candidates, or may require such significant numbers of patients or additional costs to make it impractical to satisfy the FDA's requirements, and thus our product candidates may not be approved for marketing. During the review process, the FDA may request more information regarding the safety of our product candidates, as they have in their Complete Response Letter for POSIMIR, and answering such questions could require significant additional work and expense, and take a significant amount of time, resulting in a material delay of approval or the failure to obtain approval. During the review process, the FDA may also request more information regarding the chemistry, manufacturing or controls related to our product candidates, as they have in their Complete Response Letter for REMOXY, and answering such questions could require significant additional work and expense, and take a significant amount of time, resulting in a material delay of approval or the failure to obtain approval.

Development of REMOXY may be significantly delayed and adversely affected by Pfizer's discontinuation of its development

We have relied on Pfizer and its subsidiaries to devote time and resources to the development, manufacturing and commercialization of REMOXY. In October 2014, Pfizer notified Pain Therapeutics that Pfizer had decided to discontinue development of REMOXY and that Pfizer would return all rights, including responsibility for regulatory activities, to Pain Therapeutics. There can be no assurance that the transition of all required information and assets necessary for the timely and successful resubmission of the NDA has been completed successfully. There can also be no assurance that Pain Therapeutics will continue development of REMOXY, or if Pain Therapeutics continues development of REMOXY, there can be no assurance that their resubmission of the NDA will be timely, or that it will satisfy the FDA's requirements. Pain Therapeutics and its subsidiaries and affiliates may commercialize, develop or acquire drugs or drug candidates that may compete indirectly or compete for resources with REMOXY. Any further delay or discontinuation in the development of REMOXY will significantly harm our prospects and would be likely to have a negative effect on the price of our common stock.

Development of our pharmaceutical product candidates is not complete, and we cannot be certain that our product candidates will be able to be commercialized

To be profitable, we or our third-party collaborators must successfully research, develop, obtain regulatory approval for, manufacture, introduce, market and distribute our pharmaceutical product candidates under development. For each product candidate that we or our third-party collaborators intend to commercialize, we must successfully meet a number of critical developmental milestones for each disease or medical condition targeted, including:

- with respect to each new chemical entity, determining appropriate indications;
- with respect to our Drug Delivery Program product candidates, selecting and developing a drug delivery technology to deliver the proper dose of drug over the desired period of time;
- determining the appropriate drug dosage for use in the pharmaceutical product candidate;
- developing drug compound formulations that will be tolerated, safe and effective and that will be compatible with the active pharmaceutical agent;
- demonstrating the drug formulation will be stable for commercially reasonable time periods;
- demonstrating through clinical trials that the drug formulation is safe and effective in patients for the intended indication at an achievable dose; and
- completing the manufacturing development and scale-up to permit manufacture of the pharmaceutical product candidate in commercial quantities and at acceptable cost.

The time frame necessary to achieve these developmental milestones for any individual product is long and uncertain, and we may not successfully complete these milestones for any of our products in development. We have not yet completed development of any of our product candidates, including POSIMIR, REMOXY, DUR-928, ORADUR-ADHD and other ORADUR-based opioid products, Relday, or ELADUR, and we have limited experience in developing such products. We may not be able to finalize the design or formulation of any of these product candidates. In addition, we may select components, solvents, excipients or other ingredients to include in our product candidates that have not been previously approved for use in pharmaceutical products, which may require us or our collaborators to perform additional studies and may delay clinical testing and regulatory approval of our product candidates. Even after we complete the design of a product candidate, the product candidate must still complete required clinical trials and additional safety testing in animals before approval for commercialization. We are continuing testing and development of our product candidates and may explore possible design or formulation changes to address issues of safety, manufacturing efficiency and performance. We or our collaborators may not be able to complete development of any product candidates that will be safe and effective and that will have a commercially reasonable treatment and storage period. If we or our third-party collaborators are unable to complete development of POSIMIR, REMOXY, DUR-928, ORADUR-ADHD and other ORADUR-based opioid products, Relday, or ELADUR, or other product candidates, we will not be able to earn revenue from them, which would materially harm our business.

We or our third-party collaborators must show the safety and efficacy of our drug candidates in animal studies and human clinical trials to the satisfaction of regulatory authorities before they can be sold; failure to obtain approvals for POSIMIR, REMOXY, DUR-928 or our other product candidates would significantly harm our business, prospects and financial condition

Before we or our third-party collaborators can obtain government approval to sell any of our pharmaceutical product candidates, we or they, as applicable, must demonstrate through laboratory performance studies and safety testing, nonclinical (animal) studies and clinical (human) trials that each system is safe and effective for human use for each targeted indication. The clinical development status of our major development programs is as follows:

- DUR-928—In 2015, we completed initial Phase 1 human safety trials of DUR-928 when orally administered and when administered through injection to a total of over 75 healthy volunteers. These trials evaluated the safety, tolerability and pharmacokinetics of DUR-928 when administered with a single dose and then with multiple doses. The high doses in these studies resulted in plasma levels greater than 100-fold higher than endogenous levels of DUR-928, and DUR-928 was observed to be well tolerated at all doses, with no severe or serious drug-related adverse events reported. In these studies, there was no accumulation in plasma concentrations observed with repeated dosing, and there were dose related increases in plasma concentrations. In January 2016, we initiated a single-ascending-dose Phase 1b clinical trial with DUR-928 in patients with nonalcoholic steatohepatitis (NASH), and we expect to obtain results from this study in the first half of 2016. There can be no assurance that biological activity demonstrated in previous animal disease models will also be seen in human trials, that current and future planned trials will be completed on the timetable anticipated, that further human trials will not identify safety issues, or that we will be able to successfully develop DUR-928 to obtain marketing approval by the FDA or other regulatory agencies.
- POSIMIR—In April 2013, we submitted a new drug application as a 505(b)(2) application, which relies in part on the FDA's findings of safety and effectiveness of a reference drug. In February 2014, we received a Complete Response Letter from the FDA. Based on the Complete Response Letter and subsequent communications with the FDA, we are conducting a new POSIMIR Phase 3 clinical trial consisting of approximately 306 patients undergoing laparoscopic cholecystectomy (gallbladder removal) surgery to further evaluate the benefits and risks of POSIMIR. We began recruiting patients for this trial in November 2015 and expect that it will take approximately one year to complete enrollment. There can be no assurance that the trial will enroll on the timetable we anticipate, that we will be able to adequately or timely address all of FDA's concerns and suggestions regarding POSIMIR, that the FDA will grant regulatory approval of POSIMIR, that adverse effects will not arise from additional testing or use of POSIMIR, and the data that we have generated or may generate will be deemed sufficient by FDA or other regulatory agencies to support regulatory approval of POSIMIR.

- REMOXY—In December 2010, King (now Pfizer) resubmitted the NDA in response to a Complete Response Letter received in December 2008 by Pain Therapeutics. On June 23, 2011, a Complete Response Letter from the FDA was received by Pfizer on the resubmission to the NDA for REMOXY. The issues raised in the Complete Response Letter relate primarily to manufacturing. In October 2013, Pfizer stated that, having achieved technical milestones related to manufacturing, it would continue developing REMOXY. Pfizer had also announced that it was proceeding with additional clinical studies in support of resubmission of the NDA. We understand these studies have been completed and have met their objectives. It is possible that the results of such studies will not be satisfactory to the FDA. In October 2014, Pfizer notified Pain Therapeutics that Pfizer had decided to discontinue development of REMOXY, and that Pfizer would return all rights, including responsibility for regulatory activities, to Pain Therapeutics and that Pfizer would continue ongoing activities under the agreement until the scheduled termination date in April 2015. In April 2015, Pain Therapeutics stated that it had resumed responsibility for REMOXY under the terms of a letter agreement with Pfizer. In July 2015, Pain Therapeutics stated that it had substantially completed the transition of REMOXY from Pfizer, and that Pain Therapeutics expected to resubmit the NDA in the first quarter of 2016. There can be no assurance that Pain Therapeutics will successfully resubmit the NDA or that Pain Therapeutics will obtain a new commercialization partner.
- ORADUR-ADHD—Since 2010, we and Orient Pharma conducted several Phase 1 studies to evaluate multiple formulations of ORADUR-Methylphenidate. We and Orient Pharma have selected a lead formulation based on its potential for rapid onset of action, long duration for once-a-day dosing and target pharmacokinetic profile as demonstrated in the latest Phase 1 trial. In addition, this product candidate will utilize a small capsule size relative to the leading existing long-acting products on the market. Orient Pharma, our licensee in defined Asian and South Pacific countries, has initiated a Phase 3 trial in Taiwan and anticipates completing it in 2016. We retain rights to all other territories in the world and are engaged in licensing discussions with other companies. There can be no assurance that we will be able to successfully develop ORADUR-Methylphenidate to obtain marketing approval by the Taiwan FDA or the U.S. FDA or other regulatory agencies, nor is there any assurance that we will be able to find a collaborator with respect to the development and commercialization of this drug candidate for the territories not currently licensed to Orient Pharma.
- Relday—In January 2013, Zogenix announced positive single-dose pharmacokinetic (PK) results from a Phase 1 clinical trial of Relday. Per Zogenix, based on the favorable safety and PK profile demonstrated with the 25 mg and 50 mg once-monthly doses tested in the Phase 1 trial, Zogenix extended the study to include a 100 mg dose of the same formulation. In May 2013, Zogenix announced positive results with the 100 mg arm, demonstrating dose proportionality across the full dose range that would be anticipated to be used in clinical practice. According to Zogenix, the positive results from this study extension positioned Zogenix to begin a multi-dose clinical trial, which would provide the required steady-state pharmacokinetic and safety data prior to initiating Phase 3 development studies. In September 2015 Zogenix announced positive top line results from this multi-dose clinical trial. According to Zogenix, the results for Relday demonstrated that risperidone plasma concentrations in the therapeutic range were achieved on the first day of dosing, reached steady state levels following the second dose and consistently maintained therapeutic levels throughout the four-month period. Also according to Zogenix, Relday was generally safe and well-tolerated, with results consistent with the profile of risperidone and the previous Phase 1 single-dose clinical trial. Zogenix further stated that it has now initiated efforts to secure a development and commercialization partner for Relday, and that Relday is well-positioned to begin a Phase 3 program once a partner is secured. There can be no assurance that Zogenix will secure a development and commercialization partner for Relday or that Relday will begin the Phase 3 program or that if such a program is begun it will generate data sufficient to support a successful NDA.
- ELADUR—A Phase 2a clinical trial in post-herpetic neuralgia (PHN or post-shingles pain) was completed and positive efficacy trends were reported in the fourth quarter of 2007. King, which assumed worldwide development and commercialization rights for ELADUR through its acquisition of Alpharma, conducted a Phase 2 clinical trial to evaluate ELADUR for the treatment of chronic low

back pain and reported in April 2011 that the primary efficacy endpoint for the trial was not met. In February 2012, Pfizer, which assumed worldwide development and commercialization rights to ELADUR through its acquisition of King, notified us that they were returning their worldwide development and commercialization rights to ELADUR. In January 2014, we and Impax entered into an agreement, pursuant to which we have granted Impax an exclusive worldwide license to our proprietary TRANSDUR transdermal delivery technology and other intellectual property to develop and commercialize ELADUR. There can be no assurance that Impax will continue to develop ELADUR or will be able to successfully develop ELADUR to obtain marketing approval by the FDA or other regulatory agencies.

- ORADUR-based opioids—In addition to REMOXY, Phase 1 clinical trials have been conducted for two other ORADUR-based product candidates (hydrocodone and hydromorphone), and an IND has been accepted by the FDA for another ORADUR-based opioid (oxymorphone). In October 2013, Pain Therapeutics stated that it had regained all rights from Pfizer with respect to the three ORADUR-based opioid drug candidates (hydrocodone, hydromorphone and oxymorphone). In May 2015, Pain Therapeutics returned to us all of Pain Therapeutics' rights and obligations under our license agreement to develop and commercialize ORADUR-based formulations of hydrocodone but without impacting the rights and obligations of the two parties with respect to REMOXY (oxycodone), hydromorphone or oxymorphone. There can be no assurance that we or our collaborator will be able to successfully develop ORADUR-based formulations of oxycodone, hydromorphone or oxymorphone to obtain marketing approval by the FDA or other regulatory agencies.

We are currently in the clinical, preclinical or research stages with respect to all of our product candidates under development. We plan to continue extensive and costly tests, clinical trials and safety studies in animals to assess the safety and effectiveness of our product candidates. These studies include laboratory performance studies and safety testing, clinical trials and animal toxicological studies necessary to support regulatory approval of development products in the United States and other countries of the world. These studies are costly, complex and last for long durations, and may not yield data supportive of the safety or efficacy of our drug candidates or required for regulatory approval.

New chemical entities derived from our Epigenomic Regulator Program, which is in the early stages of development, may require more time and resources for development, testing and regulatory approval than our Drug Delivery Program product candidates, and may not result in viable commercial products

Our Epigenomic Regulator Program is in the early stages of development, involves unproven technology, requires significant further research and development and regulatory approvals and is subject to the risks of failure inherent in the development of products based on innovative technologies. New chemical entities derived from our Epigenomic Regulator Program are molecules that have not previously been approved and marketed as therapeutics, unlike product candidates in our Drug Delivery Programs, in which we apply our formulation expertise and technologies largely to active pharmaceutical ingredients whose safety and efficacy have previously been established but which we aim to improve in some manner through a new formulation. As a result, the product candidates from our Epigenomic Regulator Program may face greater risk of unanticipated safety issues or other side-effects, or may not demonstrate efficacy. Further, the regulatory pathway for our new chemical entities will be more demanding than that for product candidates under our Drug Delivery Programs, for which we may be able to leverage existing data under Section 505(b)(2) of the Act to reduce development risk, time and cost.

Also, because our Epigenomic Regulator Program is in early stages, we have not defined with precision those indications we wish to pursue initially, each of which may have unique challenges. If the first indications pursued do not show positive results, the credibility of any product candidate from this program may be tarnished, even if the molecule might be effective for other indications. Our decisions regarding which indications to pursue may cause us to fail to capitalize on indications that could have given rise to viable commercial products and profitable market opportunities.

Early clinical trial results may not predict the results of later trials, and our clinical trials or those of our collaborators for POSIMIR or REMOXY may not satisfy regulatory agencies

While some clinical trials of our product candidates have shown indications of safety and efficacy of our product candidates, there can be no assurance that these results will be confirmed in subsequent clinical trials or provide a sufficient basis for regulatory approval. In addition, side effects observed in clinical trials, or other side effects that appear in later clinical trials, may adversely affect our or our collaborators' ability to obtain regulatory approval or market our product candidates. For example, the finding that DUR-928 appears safe in the initial Phase 1 trials may not be confirmed in subsequent Phase 1 or other clinical trials. In the Phase 2b hysterectomy trial and the BESST Phase 3 abdominal surgery trial of POSIMIR, transient local hematoma-like discolorations were observed near the surgical site. Side effects such as these, toxicity or other safety issues associated with the use of our drug candidates could require us to perform additional studies or halt development of our drug candidates. We or our collaborators may be required by regulatory agencies to conduct additional animal or human studies regarding the safety and efficacy of our pharmaceutical product candidates which we have not planned or anticipated. For example, the FDA's Complete Response Letter raised concerns related to, among other matters, the Chemistry, Manufacturing, and Controls section of the NDA for REMOXY. There can be no assurance that Pain Therapeutics will resolve these issues to the satisfaction of the FDA in a timely manner or ever, which could harm our business, prospects and financial condition. Further, the FDA's Complete Response Letter for POSIMIR raised concerns that insufficient safety data had been provided and FDA has indicated that an additional clinical trial for POSIMIR needs to be conducted. There can be no assurance that the additional clinical trial we are conducting for POSIMIR will be sufficient to obtain FDA approval, and any additional trials would entail added expense and further delay or preclude product approval, harming our business, prospects and financial condition.

Regulatory action or failure to obtain product approvals could delay or limit development and commercialization of our product candidates and result in failure to achieve anticipated revenues

The manufacture and marketing of our pharmaceutical product candidates and our research and development activities are subject to extensive regulation for safety, efficacy and quality by numerous government authorities in the United States and abroad. We or our third-party collaborators must obtain clearance or approval from applicable regulatory authorities before we or they, as applicable, can perform clinical trials, market or sell our products in development in the United States or abroad. Clinical trials, manufacturing and marketing of products are subject to the rigorous testing and approval process of the FDA and equivalent foreign regulatory authorities. In particular, the FDA rigorously focuses on the safety of drug products at every stage of drug development and commercialization from initial clinical trials to regulatory approval and beyond, and the interpretation of data that may pertain to safety can be subject to the interpretation of individual reviewers within the FDA. These rigorous and potentially evolving standards, that often differ by therapeutic area, may delay and increase the expenses of our development efforts. The FDA or other foreign regulatory agency may, at any time, halt our and our collaborators' development and commercialization activities due to safety concerns, in which case our business will be harmed. In addition, the FDA or other foreign regulatory agency may refuse or delay approval of our or our collaborators' drug candidates for failure to collect sufficient clinical or animal safety data, and require us or our collaborators to conduct additional clinical or animal safety studies which may cause lengthy delays and increased costs to our programs.

The Federal Food, Drug and Cosmetic Act and other federal, state and foreign statutes and regulations govern and influence the testing, manufacture, labeling, advertising, distribution and promotion of drugs and medical devices. These laws and regulations are complex and subject to change. Furthermore, these laws and regulations may be subject to varying interpretations, and we may not be able to predict how an applicable regulatory body or agency may choose to interpret or apply any law or regulation to our pharmaceutical product candidates. As a result, clinical trials and regulatory approval can take a number of years to accomplish and require the expenditure of substantial resources. We or our third-party collaborators, as applicable, may encounter delays or rejections based upon administrative action or interpretations of current rules and

regulations. We or our third-party collaborators, as applicable, may not be able to timely reach agreement with the FDA on our clinical trials or on the required clinical or animal data we or they must collect to continue with our clinical trials or eventually commercialize our product candidates.

We or our third-party collaborators, as applicable, may also encounter delays or rejections based upon additional government regulation from future legislation, administrative action or changes in FDA policy during the period of product development, clinical trials and FDA regulatory review. We or our third-party collaborators, as applicable, may encounter similar delays in foreign countries. Sales of our pharmaceutical product candidates outside the United States are subject to foreign regulatory standards that vary from country to country.

The time required to obtain approvals from foreign countries may be shorter or longer than that required for FDA approval, and requirements for foreign licensing may differ from FDA requirements. We or our third-party collaborators, as applicable, may be unable to obtain requisite approvals from the FDA and foreign regulatory authorities, and even if obtained, such approvals may not be on a timely basis, or they may not cover the clinical uses that we specify. If we or our third-party collaborators, as applicable, fail to obtain timely clearance or approval for our development products, we or they will not be able to market and sell our pharmaceutical product candidates, which will limit our ability to generate revenue.

Many of our drug candidates under development, including REMOXY and our other ORADUR-based opioids are subject to mandatory Risk Evaluation and Mitigation Strategy (REMS) programs, which could delay the approval of these drug candidates, reduce demand for them, and increase the cost, burden and liability associated with their commercialization

On February 6, 2009, the FDA sent letters to manufacturers of certain opioid drug products, indicating that these drugs will be required to have a Risk Evaluation and Mitigation Strategy (REMS) to ensure that the benefits of the drugs continue to outweigh the risks. The affected opioid drugs include brand name and generic products and are formulated with the active ingredients fentanyl, hydromorphone, methadone, morphine, oxycodone, and oxymorphone.

On April 19, 2011, the Office of National Drug Control Policy (ONDCP) released the Obama Administration's Epidemic: Responding to America's Prescription Drug Abuse Crisis—a comprehensive action plan to address the national prescription drug abuse epidemic. This plan includes action in four major areas to reduce prescription drug abuse: education, monitoring, proper disposal, and enforcement. In support of the action plan, the FDA announced the elements of a Risk Evaluation and Mitigation Strategy (REMS) that will require all manufacturers of long-acting and extended-release opioids to ensure that training is provided to prescribers of these medications and to develop information that prescribers can use when counseling patients about the risks and benefits of opioid use. The FDA wants drug makers to work together to develop a single system for implementing the REMS strategies.

On July 9, 2012 the FDA approved a REMS for extended-release (ER) and long-acting (LA) opioids. The REMS is part of a federal initiative to address the prescription drug abuse, misuse, and overdose epidemic. The REMS introduces new safety measures designed to reduce risks and improve the safe use of ER/LA opioids, while ensuring access to needed medications for patients in pain. The new ER/LA opioid REMS will affect more than 20 companies that manufacture these opioid analgesics. Under the new REMS, companies will be required to make education programs available to prescribers based on an FDA Blueprint. It is expected that companies will meet this obligation by providing educational grants to continuing education (CE) providers, who will develop and deliver the training. The REMS also will require companies to make available FDA-approved patient education materials on the safe use of these drugs. The companies will be required to perform periodic assessments of the implementation of the REMS and the success of the program in meeting its goals. The FDA will review these assessments and may require additional elements to achieve the goals of the program.

On September 10, 2013, the FDA announced safety labeling changes and post-market study requirements for extended-release and long-acting opioid analgesics (ER/LA opioids). The updated class-wide labeling changes state that ER/LA opioids are indicated for the management of pain severe enough to require daily, around-the-clock, long-term opioid treatment and for which alternative treatment options are inadequate. The updated indication further clarifies that, because of the risks of addiction, abuse, and misuse, even at recommended doses, and because of the greater risks of overdose and death, these drugs should be reserved for use in patients for whom alternative treatment options (e.g., non-opioid analgesics or immediate-release opioids) are ineffective, not tolerated, or would be otherwise inadequate to provide sufficient management of pain; ER/LA opioid analgesics are not indicated for as-needed pain relief. Recognizing that more information is needed to assess the serious risks associated with long-term use of ER/LA opioids, the FDA is requiring the drug companies that make these products to conduct further post-market studies and clinical trials. These changes may result in a decrease in prescriptions for this class of drugs and will increase the costs borne by manufacturers of ER/LA opioids.

More recently, in February 2016, the FDA announced a comprehensive action plan to take concrete steps towards reducing the impact of opioid abuse on American families and communities. As part of this plan, the agency will review product and labelling decisions and re-examine the risk-benefit paragigm for opioids.

Many of our drug candidates including REMOXY and other ORADUR-based opioid drug candidates are subject to the REMS requirement. The FDA's REMS requirements have been evolving, and until the contours of required REMS programs are established by the FDA and understood by drug developers and marketers such as ourselves and our collaborators, and until the results of the FDA's recently announced initiatives are known, there may be delays in marketing approvals for these drug candidates. In addition, there may be increased cost, administrative burden and potential liability associated with the marketing and sale of these types of drug candidates subject to the REMS requirement, as well as decreased demand resulting from new labeling requirements, which could negatively impact the commercial benefits to us and our collaborators from the sale of these drug candidates.

We depend to a large extent on third-party collaborators, and we have limited or no control over the development, sales, distribution and disclosure for our pharmaceutical product candidates which are the subject of third-party collaborative or license agreements

Our performance depends to a large extent on the ability of our third-party collaborators to successfully develop and obtain approvals for our pharmaceutical product candidates. We have entered into agreements with Pain Therapeutics, Zogenix, Impax, Santen, Orient Pharma and others under which we granted such third parties the right to develop, apply for regulatory approval for, market, promote or distribute REMOXY and certain other ORADUR-based products, Relday, ELADUR and other product candidates, subject to payments to us in the form of product royalties and other payments. We have limited or no control over the expertise or resources that any collaborator may devote to the development, clinical trial strategy, regulatory approval, marketing or sale of these product candidates, or the timing of their activities. Any of our present or future collaborators may not perform their obligations as expected. These collaborators may breach or terminate their agreement with us or otherwise fail to conduct their collaborative activities successfully and in a timely manner. Enforcing any of these agreements in the event of a breach by the other party could require the expenditure of significant resources and consume a significant amount of management time and attention. Our collaborators may also conduct their activities in a manner that is different from the manner we would have chosen, had we been developing such product candidates ourselves. Further, our collaborators may elect not to develop or commercialize product candidates arising out of our collaborative arrangements or not devote sufficient resources to the development, clinical trials, regulatory approval, manufacture, marketing or sale of these product candidates. If any of these events occur, we may not recognize revenue from the commercialization of our product candidates based on such collaborations. In addition, these third parties may have similar or competitive products to the ones which are the subject of their collaborations with us, or relationships with our competitors, which may reduce their interest in developing or selling our product candidates. We may not be able to control public disclosures made by some of our third-party collaborators, which could negatively impact our stock price.

Cancellation of collaborations regarding our product candidates may impact our near-term revenues and adversely affect potential economic benefits

Third-party collaboration agreements typically allow the third party to terminate the agreement (or a specific program within an agreement) by providing notice. For example, in January 2012, we were notified that Nycomed was terminating the Development and License Agreement between Nycomed and us relating to the development and commercialization of POSIMIR in Europe and their other licensed territories. In February 2012, we were notified that Pfizer was terminating the worldwide Development and License Agreement between Alpharma (acquired by King which subsequently was acquired by Pfizer) and us relating to the development and commercialization of ELADUR. In March 2012, we were notified that Hospira was terminating the Development and License Agreement between Hospira and us relating to the development and commercialization of POSIMIR in the United States and Canada. In October 2014, we were notified that Pfizer had decided to discontinue development of REMOXY, and that Pfizer would return all rights, including responsibility for regulatory activities, to Pain Therapeutics. If there have been payments under such agreements that are being recognized over time, termination of such agreements (or programs) can lead to a near-term increase in our reported revenues resulting from the immediate recognition of the balance of such payments. Termination deprives us of potential future economic benefits under such agreements, and may make it more difficult to enter into agreements with other third parties for use of the assets that were subject to the terminated agreement. Termination of our agreements with Pain Therapeutics, Zogenix, Impax, Santen or Orient Pharma could have similar effects.

Our revenues depend on collaboration agreements with other companies. These agreements subject us to obligations which must be fulfilled and also make our revenues dependent on the performance of such third parties. If we are unable to meet our obligations or manage our relationships with our collaborators under these agreements or enter into additional collaboration agreements or if our existing collaborations are terminated, our revenues may decrease. Acquisitions of our collaborators can be disruptive

Our revenues are based to a significant extent on collaborative arrangements with third parties, pursuant to which we receive payments based on our performance of research and development activities set forth in these agreements. We may not be able to fulfill our obligations or attain milestones set forth in any specific agreement, which could cause our revenues to fluctuate or be less than anticipated and may expose us to liability for contractual breach. In addition, these agreements may require us to devote significant time and resources to communicating with and managing our relationships with such collaborators and resolving possible issues of contractual interpretation which may detract from time our management would otherwise devote to managing our operations. Such agreements are generally complex and contain provisions that could give rise to legal disputes, including potential disputes concerning ownership of intellectual property under collaborations. Such disputes can delay or prevent the development of potential new product candidates, or can lead to lengthy, expensive litigation or arbitration. In general, our collaboration agreements, including our agreements with Pain Therapeutics with respect to REMOXY and certain other ORADUR-based opioids, Orient Pharma with respect to ORADUR-Methylphenidate, Zogenix with respect to Relday, Impax with respect to ELADUR, and Santen with respect to an ophthalmic product may be terminated by the other party at will or upon specified conditions including, for example, if we fail to satisfy specified performance milestones or if we breach the terms of the agreement. From time to time, our licensees may be the subject of an acquisition by another company. For example, Alpharma was acquired by King in December 2008, King was acquired by Pfizer in February 2011 and Nycomed was acquired by Takeda in October 2011. Such transactions can lead to turnover of program staff, a review of development programs and strategies by the acquirer, and other events that can disrupt a program, resulting in program delays or discontinuations.

If any of our collaborative agreements are terminated or delayed, our anticipated revenues may be reduced or not materialize, and our products in development related to those agreements may not be commercialized.

Our cash flows are likely to differ from our reported revenues

Our revenues will likely differ from our cash flows from revenue-generating activities. Upfront payments received upon execution of collaborative agreements are recorded as deferred revenue and generally recognized on a straight-line basis over the period of our continuing involvement with the third-party collaborator pursuant to the applicable agreement. The period of continuing involvement may also be revised on a prospective basis. As of December 31, 2015, we had $2.9 million of deferred revenue which will be recognized in future periods and may cause our reported revenues to be greater than cash flows from our ongoing revenue-generating activities.

Our revenues also depend on milestone payments based on achievements by our third-party collaborators. Failure of such collaborators to attain such milestones would result in our not receiving additional revenues

In addition to payments based on our performance of research and development activities, our revenues also depend on the attainment of milestones set forth in our collaboration agreements. Such milestones are typically related to development activities or sales accomplishments. While our involvement is necessary to the achievement of development-based milestones, the performance of our third-party collaborators is also required to achieve those milestones. Under our third-party collaborative agreements, our third party collaborators will take the lead in commercialization activities and we are typically not involved in the achievement of sales-based milestones. Therefore, we are even more dependent upon the performance of our third-party collaborators in achieving sales-based milestones. To the extent we and our third-party collaborators do not achieve such development-based milestones or our third-party collaborators do not achieve sales-based milestones, we will not receive the associated revenues, which could harm our financial condition and may cause us to defer or cut-back development activities or forego the exploitation of opportunities in certain geographic territories, any of which could have a material adverse effect on our business.

Our business strategy includes the entry into additional collaborative agreements. We may not be able to enter into additional collaborative agreements or may not be able to negotiate commercially acceptable terms for these agreements

Our current business strategy includes the entry into additional collaborative agreements for the development and commercialization of our pharmaceutical product candidates. The negotiation and consummation of these types of agreements typically involve simultaneous discussions with multiple potential collaborators and require significant time and resources from our officers, business development, legal, and research and development staff. In addition, in attracting the attention of pharmaceutical and biotechnology company collaborators, we compete with numerous other third parties with product opportunities as well the collaborators' own internal product opportunities. We may not be able to consummate additional collaborative agreements, or we may not be able to negotiate commercially acceptable terms for these agreements. If we do not consummate additional collaborative agreements, we may have to consume money more rapidly on our product development efforts, defer development activities or forego the exploitation of certain geographic territories, any of which could have a material adverse effect on our business.

We will require and may have difficulty raising needed capital in the future

Our business currently does not generate sufficient revenues to meet our capital requirements and we do not expect that it will do so in the near future. We have expended and will continue to expend substantial funds to complete the research, development and clinical testing of our pharmaceutical product candidates. We will require additional funds for these purposes, to establish additional clinical- and commercial-scale manufacturing arrangements and facilities, and to provide for the marketing and distribution of our product candidates. Additional funds may not be available on acceptable terms, if at all. If adequate funds are unavailable from operations or additional sources of financing, we may have to delay, reduce the scope of or eliminate one or more of our research or development programs which would materially harm our business, financial condition and results of operations.

We believe that our cash, cash equivalents and investments, will be adequate to satisfy our capital needs for at least the next 12 months. However, our actual capital requirements will depend on many factors, including:

- regulatory actions with respect to our product candidates;
- continued progress and cost of our research and development programs;
- the continuation of our collaborative agreements that provide financial funding for our activities;
- success in entering into collaboration agreements and meeting milestones under such agreements;
- progress with preclinical studies and clinical trials;
- the time and costs involved in obtaining regulatory clearance;
- costs involved in preparing, filing, prosecuting, maintaining and enforcing patent claims;
- costs of developing sales, marketing and distribution channels and our ability and that of our collaborators to sell our pharmaceutical product candidates;
- costs involved in establishing manufacturing capabilities for clinical and commercial quantities of our product candidates;
- competing technological and market developments;
- market acceptance of our product candidates;
- costs for recruiting and retaining employees and consultants; and
- unexpected legal, accounting and other costs and liabilities related to our business.

We may consume available resources more rapidly than currently anticipated, resulting in the need for additional funding. We may seek to raise any necessary additional funds through equity or debt financings, convertible debt financings, collaborative arrangements with corporate collaborators or other sources, which may be dilutive to existing stockholders and may cause the price of our common stock to decline. In addition, in the event that additional funds are obtained through arrangements with collaborators or other sources, we may have to relinquish rights to some of our technologies or pharmaceutical product candidates that we would otherwise seek to develop or commercialize ourselves. If adequate funds are not available, we may be required to significantly reduce or refocus our product development efforts, resulting in delays in generating future product revenue.

We and our third-party collaborators may not be able to manufacture sufficient quantities of our pharmaceutical product candidates and components to support the clinical and commercial requirements of our collaborators and ourselves at an acceptable cost or in compliance with applicable government regulations, and we have limited manufacturing experience

We or our third-party collaborators to whom we have assigned such responsibility must manufacture our pharmaceutical product candidates and components in clinical and commercial quantities, either directly or through third parties, in compliance with regulatory requirements and at an acceptable cost. The manufacturing processes associated with our product candidates are complex. We and our third-party collaborators, where relevant, have not yet completed development of the manufacturing process for any product candidates or components, including POSIMIR, REMOXY and our other ORADUR-based drug candidates, ELADUR, Relday and DUR-928. If we and our third-party collaborators, where relevant, fail to timely complete the development of the manufacturing process for our product candidates, we and our third-party collaborators, where relevant, will not be able to timely produce product for clinical trials and commercialization of our product candidates. We have also committed to manufacture and supply product candidates or components under a number of our collaborative agreements with third-party companies. We have limited experience manufacturing pharmaceutical products, and we may not be able to timely accomplish these tasks. If we and our third-party collaborators, where relevant, fail to develop manufacturing processes to permit us to manufacture a product candidate or component at an acceptable cost, then we and our third-party collaborators may not be able to commercialize that product candidate or we may be in breach of our supply obligations to our third-party collaborators.

Our manufacturing facility in Cupertino is a multi-disciplinary site that we have used to manufacture only research and clinical supplies of several of our pharmaceutical product candidates, including POSIMIR, REMOXY and our other ORADUR-based drug candidates, Relday and ELADUR. If we experience delays or technical difficulties in scaling up the manufacturing of our product candidates, it could result in delays or added cost in our development programs. We have not manufactured commercial quantities of any of our product candidates. In the future, we intend to develop additional manufacturing capabilities for our product candidates and components to meet our demands and those of our third-party collaborators by contracting with third-party manufacturers and by potentially constructing additional manufacturing space at our facilities in California and Alabama. We have limited experience building and validating manufacturing facilities, and we may not be able to accomplish these tasks in a timely or cost effective manner.

If we and our third-party collaborators, where relevant, are unable to manufacture our pharmaceutical product candidates or components in a timely manner or at an acceptable cost, quality or performance level, and are unable to attain and maintain compliance with applicable regulations, the clinical trials and the commercial sale of our product candidates and those of our third-party collaborators could be delayed. Additionally, we may need to alter our facility design or manufacturing processes, install additional equipment or do additional construction or testing in order to meet regulatory requirements, optimize the production process, increase efficiencies or production capacity or for other reasons, which may result in additional cost to us or delay production of product needed for the clinical trials and commercial launch of our product candidates and those of our third-party collaborators.

We had entered into a supply agreement with Hospira Worldwide, Inc. for clinical and commercial supplies of POSIMIR. This third party was our sole source for drug product required for development and commercialization of this drug candidate. Our agreement with Hospira terminated at the end of 2015 and we have entered into a manufacturing development agreement with a different contract manufacturing organization for future supply of POSIMIR. There may be technical risks associated with establishing an alternative commercial manufacturer that could entail delays in supply, quality issues or delays in the possible regulatory approval of POSIMIR. Furthermore, we and our contract manufacturer may also need or choose to subcontract with additional third-party contractors to perform manufacturing steps of POSIMIR or supply required components for POSIMIR. Where third party contractors perform manufacturing services for us, we will be subject to the schedule, expertise and performance of third parties as well as incur significant additional costs. Failure of third parties to perform their obligations could adversely affect our operations, development timeline and financial results. We expect to put in place in the future second source supply arrangements, which may be costly and time consuming.

If we or our third-party collaborators cannot manufacture our pharmaceutical product candidates or components in time to meet the clinical or commercial requirements of our collaborators or ourselves or at an acceptable cost, our operating results will be harmed.

Failure to comply with ongoing governmental regulations for our pharmaceutical product candidates could materially harm our business in the future

Marketing or promoting a drug is subject to very strict controls. Furthermore, clearance or approval may entail ongoing requirements for post-marketing studies. The manufacture and marketing of drugs are subject to continuing FDA and foreign regulatory review and requirements that we update our regulatory filings. Later discovery of previously unknown problems with a product, manufacturer or facility, or our failure to update regulatory files, may result in restrictions, including withdrawal of the product from the market. Any of the following or other similar events, if they were to occur, could delay or preclude us from further developing, marketing or realizing full commercial use of our product candidates, which in turn would materially harm our business, financial condition and results of operations:

- failure to obtain or maintain requisite governmental approvals;
- failure to obtain approvals for clinically intended uses of our pharmaceutical product candidates under development; or

- FDA required product withdrawals or warnings arising from identification of serious and unanticipated adverse side effects in our product candidates.

Manufacturers of drugs must comply with the applicable FDA good manufacturing practice regulations, which include production design controls, testing, quality control and quality assurance requirements as well as the corresponding maintenance of records and documentation. Compliance with current good manufacturing practices regulations is difficult and costly. Manufacturing facilities are subject to ongoing periodic inspection by the FDA and corresponding state agencies, including unannounced inspections, and must be licensed before they can be used for the commercial manufacture of our development products. We and/or our present or future suppliers and distributors may be unable to comply with the applicable good manufacturing practice regulations and other FDA regulatory requirements. We have not been subject to a good manufacturing regulation inspection by the FDA relating to our product candidates. If we, our third-party collaborators or our respective suppliers do not achieve compliance for our product candidates we or they manufacture, the FDA may refuse or withdraw marketing clearance or require product recall, which may cause interruptions or delays in the manufacture and sale of our product candidates.

We have a history of operating losses, expect to continue to have losses in the future and may never achieve or maintain profitability

We have incurred significant operating losses since our inception in 1998 and, as of December 31, 2015, had an accumulated deficit of approximately $405.6 million. We expect to continue to incur significant operating losses over the next several years as we continue to incur significant costs for research and development, clinical trials, manufacturing, sales, and general and administrative functions. Our ability to achieve profitability depends upon our ability, alone or with others, to successfully complete the development of our proposed product candidates, obtain the required regulatory clearances, and manufacture and market our proposed product candidates. Development of pharmaceutical product candidates is costly and requires significant investment. In addition, we may choose to license from third parties either additional drug delivery platform technology or rights to particular drugs or other appropriate technology for use in our product candidates. The license fees for these technologies or rights would increase the costs of our product candidates.

To date, we have not generated significant revenue from the commercial sale of our pharmaceutical product candidates and do not expect to do so in the near future. Our current revenues are from the sale of the ALZET product line, the sale of LACTEL biodegradable polymers and certain excipient sales, and from payments under collaborative research and development agreements with third parties. We do not expect our product revenues to increase significantly in the near future, and we do not expect that collaborative research and development revenues will exceed our actual operating expenses. We do not anticipate meaningful revenues to derive from the commercialization and marketing of our product candidates in development in the near future, and therefore do not expect to generate sufficient revenues to cover expenses or achieve profitability in the near future.

We may develop our own sales force and commercial group to market future products but we have limited sales and marketing experience with respect to pharmaceuticals and may not be able to do so effectively

We have a small sales and marketing group focused on our ALZET and LACTEL product lines. We may choose to develop our own sales force and commercial group to market products that we may develop in the future, or to market POSIMIR if we do not enter into an agreement with a third party to commercialize POSIMIR. Developing a sales force and commercial group will require substantial expenditures and the hiring of qualified personnel. We have limited sales and marketing experience, and may not be able to effectively recruit, train or retain sales personnel. If we are not able to put in place an appropriate sales force and commercial group for POSIMIR, we may not be able to effectively launch the product. We may not be able to effectively sell our product candidates, if approved, and our failure to do so could limit or materially harm our business.

We and our third-party collaborators may not sell our product candidates effectively

We and our third-party collaborators compete with many other companies that currently have extensive and well-funded marketing and sales operations. Our marketing and sales efforts and those of our third-party collaborators may be unable to compete successfully against these other companies. We and our third-party collaborators, if relevant, may be unable to establish a sufficient sales and marketing organization on a timely basis, if at all. We and our third-party collaborators, if relevant, may be unable to engage qualified distributors. Even if engaged, these distributors may:

- fail to satisfy financial or contractual obligations to us;
- fail to adequately market our product candidates;
- cease operations with little or no notice to us;
- offer, design, manufacture or promote competing product lines;
- fail to maintain adequate inventory and thereby restrict use of our product candidates; or
- build up inventory in excess of demand thereby limiting future purchases of our product candidates resulting in significant quarter-to-quarter variability in our sales.

The failure of us or our third-party collaborators to effectively develop, gain regulatory approval for, sell, manufacture and market our product candidates will hurt our business, prospects and financial results.

We rely heavily on third parties to support development, clinical testing and manufacturing of our product candidates

We rely on third-party contract research organizations, service providers and suppliers to provide critical services to support development, clinical testing, and manufacturing of our product candidates. For example, we currently depend on third-party vendors to manage and monitor our clinical trials and to perform critical manufacturing steps for our product candidates. These third parties may not execute their responsibilities and tasks competently in compliance with applicable laws and regulations or in a timely fashion. We rely on third-parties to manufacture or perform manufacturing steps relating to our product candidates or components. We anticipate that we will continue to rely on these and other third-party contractors to support development, clinical testing, and manufacturing of our product candidates. Failure of these contractors to provide the required services in a competent or timely manner or on reasonable commercial terms could materially delay the development and approval of our development products, increase our expenses and materially harm our business, financial condition and results of operations.

Key components of our product candidates are provided by limited numbers of suppliers, and supply shortages or loss of these suppliers could result in interruptions in supply or increased costs

Certain components and drug substances used in our product candidates (including POSIMIR, REMOXY, our other ORADUR-based drug candidates, Relday and ELADUR, are currently purchased from a single or a limited number of outside sources. In particular, Eastman Chemical is the sole supplier, pursuant to a supply agreement entered into in December 2005, of our requirements of sucrose acetate isobutyrate, a necessary component of POSIMIR, REMOXY, our other ORADUR-based drug candidates, Relday, ELADUR and certain other pharmaceutical product candidates we have under development, and Hospira was our sole supplier for clinical and commercial supplies of POSIMIR. The reliance on a sole or limited number of suppliers could result in:

- delays associated with redesigning a pharmaceutical product candidate due to a failure to obtain a single source component;
- an inability to obtain an adequate supply of required components; and
- reduced control over pricing, quality and delivery time.

We have supply agreements in place for certain components of our pharmaceutical product candidates, but do not have in place long term supply agreements with respect to all of the components of any of our product candidates. Therefore the supply of a particular component could be terminated at any time without penalty to the supplier. In addition, we may not be able to procure required components or drugs from third-party suppliers at a quantity, quality and cost acceptable to us. Any interruption in the supply of single source components could cause us to seek alternative sources of supply or manufacture these components internally. Furthermore, in some cases, we are relying on our third-party collaborators to procure supply of necessary components. If the supply of any components for our product candidates is interrupted, components from alternative suppliers may not be available in sufficient volumes or at acceptable quality levels within required timeframes, if at all, to meet our needs or those of our third-party collaborators. This could delay our ability to complete clinical trials and obtain approval for commercialization and marketing of our product candidates, causing us to lose sales, incur additional costs, delay new product introductions and could harm our reputation.

If we are unable to adequately protect, maintain or enforce our intellectual property rights or secure rights to third-party patents, we may lose valuable assets, experience reduced market share or incur costly litigation to protect our rights or our third-party collaborators may choose to terminate their agreements with us

Our ability to commercially exploit our products will depend significantly on our ability to obtain and maintain patents, maintain trade secret protection and operate without infringing the proprietary rights of others.

As of February 18, 2016, we held over 55 unexpired issued U.S. patents and over 375 unexpired issued foreign patents (which include granted European patent rights that have been validated in various EU member states). In addition, we have over 35 pending U.S. patent applications and over 75 foreign applications pending in Europe, Australia, Japan, Canada and other countries.

The patent status of our most advanced drug candidates, POSIMIR and REMOXY, are as follows:

In the U.S., POSIMIR is covered by two patent families. One patent family includes granted patents expiring in at least 2025. Another patent family includes a pending patent application, which if granted, could result in a patent expiring in 2026, plus any eligible patent term adjustments and extensions. In Europe, POSIMIR is covered by four granted patents with two expiring in each of 2025 and 2026, respectively, plus any eligible patent term extensions.

In the U.S., REMOXY is covered by five patent families. Two patent families include granted patents expiring in at least 2025 and 2031, respectively. The patent family providing protection until at least 2025 includes ten granted patents. The other three patent families include pending patent applications, which if granted, could result in patents expiring in 2026, 2034, and 2034, respectively, plus any eligible patent term adjustments and extensions. We currently have pending U.S. applications for each of these five patent families. There can be no assurance that the pending patent applications will be granted. In Europe, REMOXY is covered by four granted patents with two expiring in each of 2023 and 2026, respectively, plus any eligible patent term extensions.

Our Epigenomic Regulator Program includes six in-licensed patent families. Two patent families each include a granted patent expiring in at least 2026 and 2032, respectively. The other patent families include pending patent applications, which if granted, could result in patents expiring in 2033, 2034, 2035, and 2035, respectively, plus any eligible patent term adjustments and extensions. There can be no assurance that the pending patent applications will be granted. Further, there can be no assurance that VCU will not attempt to terminate their license to us, which termination would result in the loss of our rights to these patent families.

The patent positions of pharmaceutical companies, including ours, are uncertain and involve complex legal and factual questions. In addition, the coverage claimed in a patent application can be significantly reduced before the patent is issued. Consequently, our patent applications or those that are licensed to us may not issue

into patents, and any issued patents may not provide protection against competitive technologies or may be held invalid if challenged. Our competitors may also independently develop products similar to ours or design around or otherwise circumvent patents issued to us or licensed by us. In addition, the laws of some foreign countries may not protect our proprietary rights to the same extent as U.S. law.

The patent laws of the U.S. have recently undergone changes through court decisions which may have significant impact on us and our industry. Decisions of the U.S. Supreme Court and other courts with respect to the standards of patentability, enforceability, availability of injunctive relief and damages may make it more difficult for us to procure, maintain and enforce patents. In addition, the America Invents Act was signed into law in September 2011, which among other changes to the U.S. patent laws, changes patent priority from "first to invent" to "first to file," implements a post-grant opposition system for patents and provides a prior user defense to infringement. These judicial and legislative changes have introduced significant uncertainty in the patent law landscape and may potentially negatively impact our ability to procure, maintain and enforce patents to provide exclusivity for our products.

We also rely upon trade secrets, technical know-how and continuing technological innovation to develop and maintain our competitive position. We require our employees, consultants, advisors and collaborators to execute appropriate confidentiality and assignment-of-inventions agreements with us. These agreements typically provide that all materials and confidential information developed or made known to the individual during the course of the individual's relationship with us is to be kept confidential and not disclosed to third parties except in specific circumstances, and that all inventions arising out of the individual's relationship with us will be our exclusive property. These agreements may be breached, and in some instances, we may not have an appropriate remedy available for breach of the agreements. Furthermore, our competitors may independently develop substantially equivalent proprietary information and techniques, reverse engineer our information and techniques, or otherwise gain access to our proprietary technology.

We may be unable to meaningfully protect our rights in trade secrets, technical know-how and other non-patented technology. We may have to resort to litigation to protect our intellectual property rights, or to determine their scope, validity or enforceability. In addition, interference, derivation, post-grant oppositions, and similar proceedings may be necessary to determine rights to inventions in our patents and patent applications. Enforcing or defending our proprietary rights is expensive, could cause diversion of our resources and may be unsuccessful. Any failure to enforce or protect our rights could cause us to lose the ability to exclude others from using our technology to develop or sell competing products.

Our collaboration agreements may depend on our intellectual property

We are party to collaborative agreements with Pain Therapeutics, Zogenix, Orient Pharma, Impax and Santen among others. Our third-party collaborators have entered into these agreements based on the exclusivity that our intellectual property rights confer on the products being developed. The loss or diminution of our intellectual property rights could result in a decision by our third-party collaborators to terminate their agreements with us. In addition, these agreements are generally complex and contain provisions that could give rise to legal disputes, including potential disputes concerning ownership of intellectual property and data under collaborations. Such disputes can lead to lengthy, expensive litigation or arbitration requiring us to devote management time and resources to such dispute which we would otherwise spend on our business. To the extent that our agreements call for future royalties to be paid conditional on our having patents covering the royalty-bearing subject matter, the decision by the Supreme Court in the case of *MedImmune v. Genentech* could encourage our licensees to challenge the validity of our patents and thereby seek to avoid future royalty obligations without losing the benefit of their license. Should they be successful in such a challenge, our ability to collect future royalties could be substantially diminished.

We may be sued by third parties claiming that our product candidates infringe on their intellectual property rights, particularly because there is substantial uncertainty about the validity and breadth of medical patents

We or our collaborators may be exposed to future litigation by third parties based on claims that our product candidates or activities infringe the intellectual property rights of others or that we or our collaborators have misappropriated the trade secrets of others. This risk is exacerbated by the fact that the validity and breadth of claims covered in medical technology patents and the breadth and scope of trade secret protection involve complex legal and factual questions for which important legal principles are unresolved. Any litigation or claims against us or our collaborators, whether or not valid, could result in substantial costs, could place a significant strain on our financial resources and could harm our reputation. We also may not have sufficient funds to litigate against parties with substantially greater resources. In addition, pursuant to our collaborative agreements, we have provided our collaborators with the right, under specified circumstances, to defend against any claims of infringement of the third party intellectual property rights, and such collaborators may not defend against such claims adequately or in the manner that we would do ourselves. Intellectual property litigation or claims could force us or our collaborators to do one or more of the following, any of which could harm our business or financial results:

- cease selling, incorporating or using any of our pharmaceutical product candidates that incorporate the challenged intellectual property, which would adversely affect our revenue;
- obtain a license from the holder of the infringed intellectual property right, which license may be costly or may not be available on reasonable terms, if at all; or
- redesign our product candidates, which would be costly and time-consuming.

Technologies and businesses which we acquire or license may be difficult to integrate, disrupt our business, dilute stockholder value or divert management attention

We may acquire technologies, products or businesses to broaden the scope of our existing and planned product lines and technologies. Future acquisitions expose us to:

- increased costs associated with the acquisition and operation of the new businesses or technologies and the management of geographically dispersed operations;
- the risks associated with the assimilation of new technologies, operations, sites and personnel;
- the diversion of resources from our existing business and technologies;
- the inability to generate revenues to offset associated acquisition costs;
- the requirement to maintain uniform standards, controls, and procedures; and
- the impairment of relationships with employees and customers or third party collaborators as a result of any integration of new management personnel.

Acquisitions may also result in the issuance of dilutive equity securities, the incurrence or assumption of debt or additional expenses associated with the amortization of acquired intangible assets or potential businesses. Acquisitions may not generate any additional revenue or provide any benefit to our business.

Some of our pharmaceutical product candidates contain controlled substances, the making, use, sale, importation and distribution of which are subject to regulation by state, federal and foreign law enforcement and other regulatory agencies

Some of our product candidates currently under development contain, and our products in the future may contain, controlled substances which are subject to state, federal and foreign laws and regulations regarding their manufacture, use, sale, importation and distribution. REMOXY and our other ORADUR-based drug candidates, and certain other product candidates we have under development contain active ingredients which are classified

as controlled substances under the regulations of the U.S. Drug Enforcement Agency. For our product candidates containing controlled substances, we and our suppliers, manufacturers, contractors, customers and distributors are required to obtain and maintain applicable registrations from state, federal and foreign law enforcement and regulatory agencies and comply with state, federal and foreign laws and regulations regarding the manufacture, use, sale, importation and distribution of controlled substances. These regulations are extensive and include regulations governing manufacturing, labeling, packaging, testing, dispensing, production and procurement quotas, record keeping, reporting, handling, shipment and disposal. These regulations increase the personnel needs and the expense associated with development and commercialization of drug candidates including controlled substances. Failure to obtain and maintain required registrations or comply with any applicable regulations could delay or preclude us from developing and commercializing our product candidates containing controlled substances and subject us to enforcement action. In addition, because of their restrictive nature, these regulations could limit our commercialization of our product candidates containing controlled substances. In particular, among other things, there is a risk that these regulations may interfere with the supply of the drugs used in our clinical trials, and in the future, our ability to produce and distribute our products in the volume needed to meet commercial demand.

Write-offs related to the impairment of long-lived assets, inventories and other non-cash charges, as well as stock-based compensation expenses may adversely impact or delay our profitability

We may incur significant non-cash charges related to impairment write-downs of our long-lived assets, including goodwill and other intangible assets. We will continue to incur non-cash charges related to amortization of other intangible assets. We are required to perform periodic impairment reviews of our goodwill at least annually. The carrying value of goodwill on our balance sheet was $6.4 million at December 31, 2015. To the extent these reviews conclude that the expected future cash flows generated from our business activities are not sufficient to recover the cost of our long-lived assets, we will be required to measure and record an impairment charge to write-down these assets to their realizable values. We completed our last review during the fourth quarter of 2015 and determined that goodwill was not impaired as of December 31, 2015. However, there can be no assurance that upon completion of subsequent reviews a material impairment charge will not be recorded. If future periodic reviews determine that our assets are impaired and a write-down is required, it will adversely impact or delay our profitability.

Inventories, in part, include certain excipients that are sold to customers and included in products in development. These inventories are capitalized based on management's judgment of probable sale prior to their expiration date which in turn is primarily based on management's internal estimates. The valuation of inventory requires us to estimate the value of inventory that may become expired prior to use. We may be required to expense previously capitalized inventory costs upon a change in our judgment, due to, among other potential factors, a denial or delay of approval of a product by the necessary regulatory bodies, changes in product development timelines, or other information that suggests that the inventory will not be saleable. In addition, these circumstances may cause us to record a liability related to minimum purchase agreements that we have in place for raw materials. For example, we recorded charges to cost of goods sold of approximately $1.6 million, of which approximately $1.1 million related to the write-down of the cost basis of inventory and approximately $500,000 related to the accrual of a liability for the minimum purchase commitment for excipients in the year ended December 31, 2014 as a result of a change in the forecasted demand for the excipients after Pfizer announced that it had decided to discontinue the development and commercialization of REMOXY and return its rights to Pain Therapeutics.

Global credit and financial market conditions could negatively impact the value of our current portfolio of cash equivalents, short-term investments or long-term investments and our ability to meet our financing objectives

Our cash and cash equivalents are maintained in highly liquid investments with remaining maturities of 90 days or less at the time of purchase. Our short-term investments consist primarily of readily marketable debt securities with original maturities of greater than 90 days from the date of purchase but remaining maturities of

less than one year from the balance sheet date. Our long-term investments consist primarily of readily marketable debt securities with maturities in one year or beyond from the balance sheet date. While, as of the date of this filing, we are not aware of any downgrades, material losses, or other significant deterioration in the fair value of our cash equivalents, short-term investments or long-term investments since December 31, 2015, no assurance can be given that deterioration in conditions of the global credit and financial markets would not negatively impact our current portfolio of cash equivalents, short-term investments or long-term investments or our ability to meet our financing objectives.

We depend upon key personnel who may terminate their employment with us at any time, and we may need to hire additional qualified personnel

Our success will depend to a significant degree upon the continued services of key management, technical and scientific personnel. In addition, our success will depend on our ability to attract and retain other highly skilled personnel, particularly as we develop and expand our Epigenomic Regulator Program. Competition for qualified personnel is intense, and the process of hiring and integrating such qualified personnel is often lengthy. We may be unable to recruit such personnel on a timely basis, if at all. Our management and other employees may voluntarily terminate their employment with us at any time. The loss of the services of key personnel, or the inability to attract and retain additional qualified personnel, could result in delays to product development or approval, loss of sales and diversion of management resources.

We may not successfully manage our company through varying business cycles

Our success will depend on properly sizing our company through growth and contraction cycles caused in part by changing business conditions, which places a significant strain on our management and on our administrative, operational and financial resources. To manage through such cycles, we must expand or contract our facilities, our operational, financial and management systems and our personnel. If we were unable to manage growth and contractions effectively our business would be harmed.

Our business involves environmental risks and risks related to handling regulated substances

In connection with our research and development activities and our manufacture of materials and pharmaceutical product candidates, we are subject to federal, state and local laws, rules, regulations and policies governing the use, generation, manufacture, storage, air emission, effluent discharge, handling and disposal of certain materials, biological specimens and wastes. Although we believe that we have complied with the applicable laws, regulations and policies in all material respects and have not been required to correct any material noncompliance, we may be required to incur significant costs to comply with environmental and health and safety regulations in the future. Our research and development involves the use, generation and disposal of hazardous materials, including but not limited to certain hazardous chemicals, solvents, agents and biohazardous materials. The extent of our use, generation and disposal of such substances has increased substantially since we started manufacturing and selling biodegradable polymers. Although we believe that our safety procedures for storing, handling and disposing of such materials comply with the standards prescribed by state and federal regulations, we cannot completely eliminate the risk of accidental contamination or injury from these materials. We currently contract with third parties to dispose of these substances generated by us, and we rely on these third parties to properly dispose of these substances in compliance with applicable laws and regulations. If these third parties do not properly dispose of these substances in compliance with applicable laws and regulations, we may be subject to legal action by governmental agencies or private parties for improper disposal of these substances. The costs of defending such actions and the potential liability resulting from such actions are often very large. In the event we are subject to such legal action or we otherwise fail to comply with applicable laws and regulations governing the use, generation and disposal of hazardous materials and chemicals, we could be held liable for any damages that result, and any such liability could exceed our resources.

Our corporate headquarters, manufacturing facilities and personnel are located in a geographical area that is seismically active

Our corporate headquarters, primary manufacturing facilities and personnel are located in a geographical area that is known to be seismically active and prone to earthquakes. Should such a natural disaster occur, our ability to conduct our business could be severely restricted, and our business and assets, including the results of our research, development and manufacturing efforts, could be destroyed.

We currently have significant debt. Compliance with repayment obligations and other covenants may be difficult, and failure by us to fulfill our obligations under the applicable loan agreements may cause the repayment obligations to accelerate.

In June 2014, we entered into a Loan and Security Agreement (the "Loan Agreement") with Oxford Finance LLC, pursuant to which Oxford provided a $20 million secured single-draw term loan to us with a maturity date of July 1, 2018. The term loan was fully drawn at close and the proceeds are to be used for working capital and general business requirements. The term loan was amended in July 2015. As amended, the term loan repayment schedule provides for interest only payments until February 1, 2017, followed by consecutive equal monthly payments of principal and interest in arrears starting on February 1, 2017 and continuing through the amended maturity date (July 1, 2019), with interest accruing at 7.95% plus an additional payment equal to 10% of the principal amount of the term loan, which is due when the term loan becomes due or upon the prepayment of the facility. In addition, if we elect to prepay the loan, there is also a prepayment fee between 1% and 3% of the principal amount of the term loan depending on the timing and circumstances of prepayment. Our debt repayment obligations under the Loan Agreement may prove a burden to the Company as they become due, particularly following the expiration of the interest-only period.

In addition, the term loan is secured by substantially all of our assets, except that the collateral does not include any equity interests in the Company, any intellectual property (including all licensing, collaboration and similar agreements relating thereto), and certain other excluded assets. The Loan Agreement contains customary representations, warranties and covenants by us, which covenants limit our ability to convey, sell, lease, transfer, assign or otherwise dispose of certain of our assets; engage in any business other than the businesses currently engaged in by us or reasonably related thereto; liquidate or dissolve; make certain management changes; undergo certain change of control events; create, incur, assume, or be liable with respect to certain indebtedness; grant certain liens; pay dividends and make certain other restricted payments; make certain investments; make payments on any subordinated debt; and enter into transactions with any of our affiliates outside of the ordinary course of business or permit our subsidiaries to do the same. Complying with these covenants may make it more difficult for us to successfully execute our business strategy.

The Loan Agreement also contains customary events of default, including, among other things, our failure to fulfill certain of our obligations under the Loan Agreement and the occurrence of a material adverse change in our business, operations or condition (financial or otherwise), a material impairment of the prospect of repayment of any portion of the loan, or a material impairment in the perfection or priority of lender's lien in the collateral or in the value of such collateral. In the event of default by us under the Loan Agreement, the lender would be entitled to exercise its remedies thereunder, including the right to accelerate the debt, upon which we may be required to repay all amounts then outstanding under the Loan Agreement, which could harm our business, operations and financial condition.

Risks Related To Our Industry

The market for our pharmaceutical product candidates is rapidly changing and competitive, and new products or technologies developed by others could impair our ability to grow our business and remain competitive

The pharmaceutical industry is subject to rapid and substantial technological change. Developments by others may render our product candidates under development or technologies noncompetitive or obsolete, or we

may be unable to keep pace with technological developments or other market factors. Technological competition in the industry from pharmaceutical and biotechnology companies, universities, governmental entities and others diversifying into the field is intense and is expected to increase.

We may face competition from other companies in numerous industries including pharmaceuticals, medical devices and drug delivery. POSIMIR, ELADUR, Relday, REMOXY and other ORADUR-based drug candidates, if approved, will compete with currently marketed oral opioids, transdermal opioids, local anesthetic patches, anti-psychotics, stimulants, implantable and external infusion pumps which can be used for infusion of opioids and local anesthetics. Products of these types are marketed by Purdue Pharma, AbbVie, Janssen, Medtronic, Endo, AstraZeneca, Pernix Therapeutics, Tricumed, Halyard Health, Cumberland Pharmaceuticals, Pacira, Acorda Therapeutics, Mallinckrodt, Shire, Johnson & Johnson, Eli Lilly, Pfizer, Novartis and others. Purdue Pharma, Sandoz, Actavis, Collegium Pharmaceutical, Pfizer, Elite Pharmaceuticals, Intellipharmaceutics, Egalet, Teva Pharmaceuticals and others have also announced regulatory approval or development plans for abuse deterrent opioid products. Our ORADUR-ADHD product candidates, if approved, will compete with currently marketed or approved products by Shire, Johnson & Johnson, UCB, Novartis, Noven, Eli Lilly, Pfizer and others. Relday, if approved, will compete with currently marketed products by Johnson & Johnson, Eli Lilly, Astra Zeneca, Pfizer, Bristol-Myers Squibb, Otsuka, Sunovion Pharmaceuticals, Teva and others. Competition for DUR-928, if approved, will depend on the specific indications for which DUR-928 is approved. Intercept, Gilead, Shire, Conatus Pharmaceuticals, Galectin Therapeutics, Genfit, Pfizer, Roche, Galmed Pharmaceuticals, Tobira Therapeutics, Enanta Pharmaceuticals, Novo Nordisk, Takeda, Vital Therapies, Akarna Therapeutics and others have development plans for products to treat NAFLD/NASH. Ischemix, Thrasos Therapeutics, AM-Pharma, Complexa, AbbVie, AlloCure, Quark Pharmaceuticals and others have development plans for products to treat acute kidney injury. Numerous companies are applying significant resources and expertise to the problems of drug delivery and several of these are focusing or may focus on delivery of drugs to the intended site of action, including Alkermes, Pacira, Immune Pharmaceuticals, Innocoll, Nektar, Kimberly-Clark, Acorda Therapeutics, Flamel, Alexza, Mallinckrodt, Hospira, Pfizer, Cumberland Pharmaceuticals, Egalet, Acura, Elite Pharmaceuticals, Phosphagenics, Intellipharmaceutics, Collegium Pharmaceutical, Heron Therapeutics and others. Some of these competitors may be addressing the same therapeutic areas or indications as we are. Our current and potential competitors may succeed in obtaining patent protection or commercializing products before us. Many of these entities have significantly greater research and development capabilities than we do, as well as substantially more marketing, manufacturing, financial and managerial resources. These entities represent significant competition for us. Acquisitions of, or investments in, competing pharmaceutical or biotechnology companies by large corporations could increase such competitors' financial, marketing, manufacturing and other resources.

We are engaged in the development of novel therapeutic technologies. Our resources are limited and we may experience technical challenges inherent in such novel technologies. Competitors have developed or are in the process of developing technologies that are, or in the future may be, the basis for competitive products. Some of these products may have an entirely different approach or means of accomplishing similar therapeutic effects than our product candidates. Our competitors may develop products that are safer, more effective or less costly than our product candidates and, therefore, present a serious competitive threat to our product offerings.

The widespread acceptance of therapies that are alternatives to ours may limit market acceptance of our product candidates even if commercialized. Chronic and post-operative pain are currently being treated by oral medication, transdermal drug delivery systems, such as drug patches, injectable products and implantable drug delivery devices which will be competitive with our product candidates. These treatments are widely accepted in the medical community and have a long history of use. The established use of these competitive products may limit the potential for our product candidates to receive widespread acceptance if commercialized.

Our relationships with customers and third-party payors will be subject to applicable anti-kickback, fraud and abuse and other healthcare laws and regulations, which could expose us to criminal sanctions, civil penalties, contractual damages, reputational harm and diminished profits and future earnings

Healthcare providers, physicians and third-party payors will play a primary role in the recommendation and prescription of any product candidates for which we obtain marketing approval. Our future arrangements with third-party payors and customers may expose us to broadly applicable fraud and abuse and other healthcare laws and regulations that may constrain the business or financial arrangements and relationships through which we would market, sell and distribute our products. As a pharmaceutical company, even though we do not and may not control referrals of healthcare services or bill directly to Medicare, Medicaid or other third-party payors, federal and state healthcare laws and regulations pertaining to fraud and abuse and patients' rights are and will be applicable to our business. These regulations include:

- the Federal Healthcare Anti-Kickback Statute, which prohibits, among other things, persons from knowingly and willfully soliciting, offering, receiving or providing remuneration, directly or indirectly, in cash or in kind, to induce or reward, or in return for, either the referral of an individual for, or the purchase, order or recommendation of, any good or service, for which payment may be made under a federal healthcare program such as Medicare and Medicaid, and which will constrain our marketing practices and the marketing practices of our licensees, educational programs, pricing policies, and relationships with healthcare providers or other entities;
- the federal physician self-referral prohibition, commonly known as the Stark Law, which prohibits physicians from referring Medicare or Medicaid patients to providers of "designated health services" with whom the physician or a member of the physician's immediate family has an ownership interest or compensation arrangement, unless a statutory or regulatory exception applies;
- federal false claims laws that prohibit, among other things, individuals or entities from knowingly presenting, or causing to be presented, claims for payment from Medicare, Medicaid, or other government reimbursement programs that are false or fraudulent, and which may expose entities that provide coding and billing advice to customers to potential criminal and civil penalties, including through civil whistleblower or qui tam actions, and including as a result of claims presented in violation of the Federal Healthcare Anti-Kickback Statute, the Stark Law or other healthcare-related laws, including laws enforced by the FDA;
- the federal Health Insurance Portability and Accountability Act of 1996, or HIPAA, which imposes criminal and civil liability for executing a scheme to defraud any healthcare benefit program and also created federal criminal laws that prohibit knowingly and willfully falsifying, concealing or covering up a material fact or making any materially false statements in connection with the delivery of or payment for healthcare benefits, items or services, and which as amended by the Health Information Technology for Economic and Clinical Health Act, or HITECH, also imposes obligations, including mandatory contractual terms, with respect to safeguarding the privacy, security and transmission of individually identifiable health information;
- federal physician sunshine requirements under the Affordable Care Act, which requires manufacturers of drugs, devices, biologics and medical supplies to report annually to HHS information related to payments and other transfers of value to physicians, other healthcare providers, and teaching hospitals, and ownership and investment interests held by physicians and other healthcare providers and their immediate family members and applicable group purchasing organizations;
- the Federal Food, Drug, and Cosmetic Act, which, among other things, strictly regulates drug product marketing, prohibits manufacturers from marketing drug products for off-label use and regulates the distribution of drug samples; and
- state and foreign law equivalents of each of the above federal laws, such as anti-kickback and false claims laws, which may apply to sales or marketing arrangements and claims involving healthcare items or services reimbursed by non-governmental third-party payors, including private insurers, state laws

requiring pharmaceutical companies to comply with the pharmaceutical industry's voluntary compliance guidelines and the relevant compliance guidance promulgated by the federal government and which may require drug manufacturers to report information related to payments and other transfers of value to physicians and other healthcare providers or marketing expenditures, and state and foreign laws governing the privacy and security of health information in specified circumstances, many of which differ from each other in significant ways and often are not preempted by federal laws such as HIPAA, thus complicating compliance efforts.

Efforts to ensure that our business arrangements with third parties will comply with applicable healthcare laws and regulations will involve substantial costs. It is possible that governmental authorities will conclude that our business practices may not comply with current or future statutes, regulations or case law involving applicable fraud and abuse or other healthcare laws and regulations. If our operations are found to be in violation of any of these laws or any other governmental regulations that may apply to us, we may be subject to significant civil, criminal and administrative penalties, damages, fines, imprisonment, exclusion from government funded healthcare programs, such as Medicare and Medicaid, and the curtailment or restructuring of our operations. If any physicians or other healthcare providers or entities with whom we expect to do business are found to not be in compliance with applicable laws, they may be subject to criminal, civil or administrative sanctions, including exclusions from government funded healthcare programs.

Healthcare reform measures could hinder or prevent our product candidates' commercial success.

In the United States, there have been, and we expect there will continue to be, a number of legislative and regulatory changes to the healthcare system that could affect our future revenue and profitability and the future revenue and profitability of our collaborators or potential collaborators. Federal and state lawmakers regularly propose and, at times, enact legislation that results in significant changes to the healthcare system, some of which is intended to contain or reduce the costs of medical products and services. For example, in March 2010, the President signed one of the most significant healthcare reform measures in decades, the Affordable Care Act. It contains a number of provisions, including those governing enrollment in federal healthcare programs, reimbursement changes and fraud and abuse measures, all of which impact existing government healthcare programs and will result in the development of new programs. The Affordable Care Act, among other things:

- imposes a non-deductible annual fee on pharmaceutical manufacturers or importers who sell "branded prescription drugs";
- increases the minimum level of Medicaid rebates payable by manufacturers of brand-name drugs from 15.1% to 23.1%;
- requires collection of rebates for drugs paid by Medicaid managed care organizations;
- addresses new methodologies by which rebates owed by manufacturers under the Medicaid Drug Rebate Program are calculated for drugs that are inhaled, infused, instilled, implanted or injected, and for drugs that are line extension products;
- requires manufacturers to participate in a coverage gap discount program, under which they must agree to offer 50% point-of-sale discounts off negotiated prices of applicable brand drugs to eligible beneficiaries during their coverage gap period, as a condition for the manufacturer's outpatient drugs to be covered under Medicare Part D; and
- mandates a further shift in the burden of Medicaid payments to the states.

Other legislative changes have been proposed and adopted since the Affordable Care Act was enacted. For example, automatic reductions to several government programs were enacted during "sequestration". These reductions included aggregate reductions to Medicare payments to providers of up to 2% per fiscal year, which went into effect on April 1, 2013. On January 2, 2013, President Obama signed into law the American Taxpayer Relief Act of 2012, or the ATRA, which, among other things, further reduced Medicare payments to several

providers, including hospitals, imaging centers and cancer treatment centers, and increased the statute of limitations period for the government to recover overpayments to providers from three to five years. Additional state and federal healthcare reform measures may be adopted in the future, any of which could limit the amounts that federal and state governments will pay for healthcare products and services, which could result in reduced demand for our product candidates once approved or additional pricing pressures.

We could be exposed to significant product liability claims which could be time consuming and costly to defend, divert management attention and adversely impact our ability to obtain and maintain insurance coverage

The testing, manufacture, marketing and sale of our product candidates involve an inherent risk that product liability claims will be asserted against us. Although we are insured against such risks up to an annual aggregate limit in connection with clinical trials and commercial sales of our product candidates, our present product liability insurance may be inadequate and may not fully cover the costs of any claim or any ultimate damages we might be required to pay. Product liability claims or other claims related to our product candidates, regardless of their outcome, could require us to spend significant time and money in litigation or to pay significant damages. Any successful product liability claim may prevent us from obtaining adequate product liability insurance in the future on commercially desirable or reasonable terms. In addition, product liability coverage may cease to be available in sufficient amounts or at an acceptable cost. An inability to obtain sufficient insurance coverage at an acceptable cost or otherwise to protect against potential product liability claims could prevent or inhibit the commercialization of our product candidates. A product liability claim could also significantly harm our reputation and delay market acceptance of our product candidates.

Acceptance of our pharmaceutical product candidates in the marketplace is uncertain, and failure to achieve market acceptance will delay our ability to generate or grow revenues

Our future financial performance will depend upon the successful introduction and customer acceptance of our products in research and development, including POSIMIR, REMOXY and other ORADUR-based drug candidates, DUR-928, Relday and ELADUR. Even if approved for marketing, our product candidates may not achieve market acceptance. The degree of market acceptance will depend upon a number of factors, including:

- the receipt of regulatory clearance of marketing claims for the uses that we are developing;
- the establishment and demonstration in the medical community of the safety and clinical efficacy of our products and their potential advantages over existing therapeutic products, including oral medication, transdermal drug delivery products such as drug patches, injectable therapeutics, or external or implantable drug delivery products; and
- pricing and reimbursement policies of government and third-party payors such as insurance companies, health maintenance organizations, hospital formularies and other health plan administrators.

Physicians, patients, payors or the medical community in general may be unwilling to accept, utilize or recommend any of our products. If we are unable to obtain regulatory approval, commercialize and market our future products when planned and achieve market acceptance, we will not achieve anticipated revenues.

If users of our products are unable to obtain adequate reimbursement from third-party payors, or if new restrictive legislation is adopted, market acceptance of our products may be limited and we may not achieve anticipated revenues

The continuing efforts of government and insurance companies, health maintenance organizations and other payors of healthcare costs to contain or reduce costs of health care may affect our future revenues and profitability, and the future revenues and profitability of our potential customers, suppliers and third-party collaborators and the availability of capital. For example, in certain foreign markets, pricing or profitability of

prescription pharmaceuticals is subject to government control. In the United States, recent federal and state government initiatives have been directed at lowering the total cost of health care, and the U.S. Congress and state legislatures will likely continue to focus on health care reform, the cost of prescription pharmaceuticals and on the reform of the Medicare and Medicaid systems. While we cannot predict whether any such legislative or regulatory proposals will be adopted, the announcement or adoption of such proposals could materially harm our business, financial condition and results of operations.

The successful commercialization of our product candidates will depend in part on the extent to which appropriate reimbursement levels for the cost of our product candidates and related treatment are obtained by governmental authorities, private health insurers and other organizations, such as HMOs. Third-party payors often limit payments or reimbursement for medical products and services. Also, the trend toward managed health care in the United States and the concurrent growth of organizations such as HMOs, which could control or significantly influence the purchase of health care services and products, as well as legislative proposals to reform health care or reduce government insurance programs, may limit reimbursement or payment for our products. The cost containment measures that health care payors and providers are instituting and the effect of any health care reform could materially harm our ability to operate profitably.

If we or our third-party collaborators are unable to train physicians to use our pharmaceutical product candidates to treat patients' diseases or medical conditions, we may incur delays in market acceptance of our products

Broad use of our product candidates will require extensive training of numerous physicians on the proper and safe use of our product candidates. The time required to begin and complete training of physicians could delay introduction of our products and adversely affect market acceptance of our products. We or third parties selling our product candidates may be unable to rapidly train physicians in numbers sufficient to generate adequate demand for our product candidates. Any delay in training would materially delay the demand for our product candidates and harm our business and financial results. In addition, we may expend significant funds towards such training before any orders are placed for our products, which would increase our expenses and harm our financial results.

Potential new accounting pronouncements and legislative actions are likely to impact our future financial position or results of operations

Future changes in financial accounting standards may cause adverse, unexpected fluctuations in the timing of the recognition of revenues or expenses and may affect our financial position or results of operations. New pronouncements and varying interpretations of pronouncements have occurred with frequency and may occur in the future and we may make changes in our accounting policies in the future. Compliance with changing regulation of corporate governance and public disclosure may result in additional expenses. Changing laws, regulations and standards relating to corporate governance and public disclosure, including the Sarbanes-Oxley Act of 2002, new SEC regulations, PCAOB pronouncements and NASDAQ rules, are creating uncertainty for companies such as ours and insurance, accounting and auditing costs are high as a result of this uncertainty and other factors. We are committed to maintaining high standards of corporate governance and public disclosure. As a result, we intend to invest all reasonably necessary resources to comply with evolving standards, and this investment may result in increased general and administrative expenses and a diversion of management time and attention from revenue-generating activities to compliance activities.

Risks Related To Our Common Stock

Our stock price has in the past and may in the future not meet the minimum bid price for continued listing on the Nasdaq Global Market. Our ability to publicly or privately sell equity securities and the liquidity of our common stock could be adversely affected if we are delisted from The Nasdaq Global Market or if we are unable to transfer our listing to another stock market

On each of January 16, 2013 and December 9, 2014, we received written notification from Nasdaq informing us that because the closing bid price of our common stock was below $1.00 for 30 consecutive trading days, our shares no longer complied with the minimum closing bid price requirement for continued listing on the Nasdaq Global Market under Nasdaq Marketplace Rule 5450(a)(1). Each time, we were given a period of 180 days from the date of the notification to regain compliance with Nasdaq's listing requirements by having the closing bid price of our common stock listed on Nasdaq be at least $1.00 for at least 10 consecutive trading days.

While we regained compliance within the applicable time periods as of February 1, 2013 and March 6, 2015, respectively, if our shares again no longer comply with the minimum closing bid price requirement for continued listing on the Nasdaq Global Market under Nasdaq Marketplace Rule 5450(a)(1) and we do not regain compliance within the applicable 180-day time period, we may transfer our common stock listing to The Nasdaq Capital Market, provided that the Company (i) meets the applicable market value of publicly held shares requirement for continued listing and all other applicable requirements for initial listing on The Nasdaq Capital Market (except for the closing bid price requirement) based on the Company's most recent public filings and market information and (ii) notifies Nasdaq of its intent to cure this deficiency. Following a transfer to The Nasdaq Capital Market, the Company would be afforded the remainder of an additional 180 calendar day grace period in order to regain compliance with the minimum closing bid price requirement of $1.00 per share under The Nasdaq Capital Market, unless it does not appear to NASDAQ that it would be possible for the Company to cure the deficiency.

If compliance is not demonstrated within the applicable compliance period, Nasdaq will notify the Company that its securities will be subject to delisting. The Company may appeal Nasdaq's determination to delist its securities to a Hearings Panel. During any appeal process, shares of the Company's common stock would continue to trade on the Nasdaq Global Market or Nasdaq Capital Market, as applicable.

There can be no assurance that we will maintain compliance with the requirements for listing our common stock on the Nasdaq Global Market or if we were not in compliance, that our common stock would be eligible for transfer to the Nasdaq Capital Market and remain in compliance with the requirements for listing on that market. Delisting from Nasdaq could adversely affect our ability to raise additional financing through the public or private sale of equity securities, would significantly affect the ability of investors to trade our securities and would negatively affect the value and liquidity of our common stock. Delisting could also have other negative results, including the potential loss of confidence by employees, the loss of institutional investor interest and fewer business development opportunities.

Our operating history makes evaluating our stock difficult

Our quarterly and annual results of operations have historically fluctuated and we expect will continue to fluctuate for the foreseeable future. We believe that period-to-period comparisons of our operating results should not be relied upon as predictive of future performance. Our prospects must be considered in light of the risks, expenses and difficulties encountered by companies with no approved pharmaceutical products, particularly companies in new and rapidly evolving markets such as pharmaceuticals, drug delivery and biotechnology. To address these risks, we must, among other things, obtain regulatory approval for and commercialize our product candidates, which may not occur. We may not be successful in addressing these risks and difficulties. We may require additional funds to complete the development of our product candidates and to fund operating losses to be incurred in the next several years.

Investors may experience substantial dilution of their investment

Investors may experience dilution of their investment if we raise capital through the sale of additional equity securities or convertible debt securities or grant additional stock options to employees and consultants. In November 2015, we filed a shelf registration statement on Form S-3 with the SEC, which upon being declared effective in November 2015, allowed us to offer up to $125 million of securities from time to time in one or more public offerings of our common stock. In addition, in November 2015, we entered into a Controlled Equity Offering sales agreement with Cantor Fitzgerald, under which we may sell, subject to certain limitations, up to $40 million of common stock through Cantor Fitzgerald, acting as agent. As of February 18, 2016, the Company had up to $37.6 million of common stock available for sale under the Controlled Equity Offering program and $122.6 million of common stock available for sale under the shelf registration statement. Any additional sales in the public market of our common stock, under the agreements with Cantor Fitzgerald or otherwise under the shelf registration statement, could adversely affect prevailing market prices for our common stock.

The price of our common stock may be volatile

The stock markets in general, and the markets for pharmaceutical stocks in particular, have experienced extreme volatility that has often been unrelated to the operating performance of particular companies. These broad market fluctuations may adversely affect the trading price of our common stock.

Price declines in our common stock could result from general market and economic conditions and a variety of other factors, including:

- failure of third-party collaborators to continue development of the respective product candidates they are developing;
- adverse results (including adverse events or failure to demonstrate safety or efficacy) or delays in our clinical and non-clinical trials of POSIMIR, REMOXY or our other ORADUR-based drug candidates, DUR-928, Relday, ELADUR or other product candidates;
- announcements of FDA non-approval of our product candidates, or delays in the FDA or other foreign regulatory agency review process;
- adverse actions taken by regulatory agencies or law enforcement agencies with respect to our product candidates, clinical trials, manufacturing processes or sales and marketing activities, or those of our third party collaborators;
- announcements of technological innovations, patents, product approvals or new products by our competitors;
- regulatory, judicial and patent developments in the United States and foreign countries;
- any lawsuit involving us or our product candidates including intellectual property infringement or product liability suits;
- announcements concerning our competitors, or the biotechnology or pharmaceutical industries in general;
- developments concerning our strategic alliances or acquisitions;
- actual or anticipated variations in our operating results;
- changes in recommendations by securities analysts or lack of analyst coverage;
- deviations in our operating results from the estimates of analysts;
- sales of our common stock by our executive officers or directors or sales of substantial amounts of common stock by us or others;
- potential failure to meet continuing listing standards from The NASDAQ Global Market;

- loss or disruption of facilities due to natural disasters;
- changes in accounting principles; or
- loss of any of our key scientific or management personnel.

The market price of our common stock may fluctuate significantly in response to factors which are beyond our control. The stock market in general has recently experienced extreme price and volume fluctuations. In addition, the market prices of securities of technology and pharmaceutical companies have also been extremely volatile, and have experienced fluctuations that often have been unrelated or disproportionate to the operating performance of these companies. These broad market fluctuations could result in extreme fluctuations in the price of our common stock, which could cause a decline in the value of our common stock.

In the past, following periods of volatility in the market price of a particular company's securities, litigation has often been brought against that company. If litigation of this type is brought against us, it could be extremely expensive and divert management's attention and our company's resources.

We have broad discretion over the use of our cash and investments, and their investment may not always yield a favorable return

Our management has broad discretion over how our cash and investments are used and may from time to time invest in ways with which our stockholders may not agree and that do not yield favorable returns.

Executive officers, directors and principal stockholders have substantial control over us, which could delay or prevent a change in our corporate control favored by our other stockholders

Our directors, executive officers and principal stockholders, together with their affiliates, have substantial control over us. The interests of these stockholders may differ from the interests of other stockholders. As a result, these stockholders, if acting together, could have the ability to exercise control over all corporate actions requiring stockholder approval irrespective of how our other stockholders may vote, including:

- the election of directors;
- the amendment of charter documents;
- the approval of certain mergers and other significant corporate transactions, including a sale of substantially all of our assets; or
- the defeat of any non-negotiated takeover attempt that might otherwise benefit the public stockholders.

Our certificate of incorporation, our bylaws and Delaware law contain provisions that could discourage another company from acquiring us

Provisions of Delaware law, our certificate of incorporation and bylaws may discourage, delay or prevent a merger or acquisition that stockholders may consider favorable, including transactions in which you might otherwise receive a premium for your shares. These provisions include:

- authorizing the issuance of "blank check" preferred stock without any need for action by stockholders;
- providing for a classified board of directors with staggered terms;
- requiring supermajority stockholder voting to effect certain amendments to our certificate of incorporation and bylaws;
- eliminating the ability of stockholders to call special meetings of stockholders;
- prohibiting stockholder action by written consent; and
- establishing advance notice requirements for nominations for election to the board of directors or for proposing matters that can be acted on by stockholders at stockholder meetings.

Item 1B. Unresolved Staff Comments.

None.

Item 2. Properties.

The following chart indicates the facilities that we lease, the location and size of each such facility and their designated use.

Location	Approximate Square Feet	Operation	Expiration
Cupertino, CA	30,000 sq. ft.	Office, Laboratory and Manufacturing	Lease expires 2019 (with an option to renew for an additional five years)
Cupertino, CA	20,000 sq. ft.	Office and Laboratory	Lease expires 2019 (with an option to renew for an additional five years)
Vacaville, CA	24,634 sq. ft.	Manufacturing	Lease expires 2018
Birmingham, AL	21,540 sq. ft.	Office, Laboratory and Manufacturing	Lease expires 2021 (with an option to terminate after August 2017 and with two options to renew the lease term for an additional five years each after the current lease expires)

We believe that our existing facilities are adequate to meet our current and foreseeable requirements or that suitable additional or substitute space will be available as needed.

Item 3. Legal Proceedings.

We are not a party to any material legal proceedings.

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.

Price Range of Common Stock

Our common stock has been traded on the NASDAQ Global Market under the symbol "DRRX" since our initial public offering on September 28, 2000. The following table sets forth, for the periods indicated, the high and low sales prices for our common stock as reported by the NASDAQ Global Market.

	Common Stock Price	
Year ended December 31, 2014	**Low**	**High**
First Quarter	$1.30	$2.69
Second Quarter	1.26	1.89
Third Quarter	1.42	1.85
Fourth Quarter	0.68	1.48

Year ended December 31, 2015	**Low**	**High**
First Quarter	$0.74	$2.05
Second Quarter	1.80	3.42
Third Quarter	1.74	2.87
Fourth Quarter	1.79	2.70

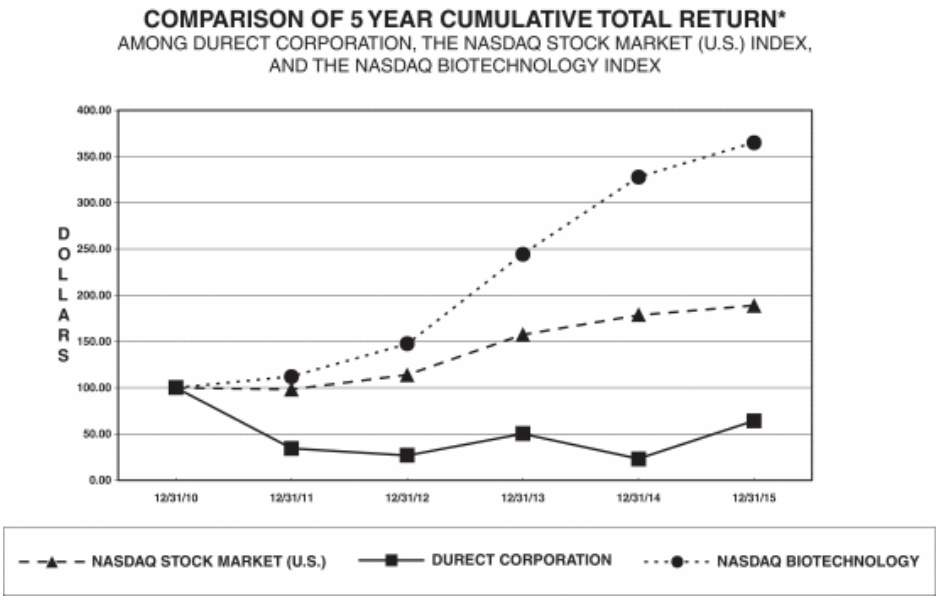
The closing sale price of our common stock as reported on the NASDAQ Global Market on February 18, 2016 was $1.17 per share. As of that date there were approximately 109 holders of record of the common stock. This does not include the number of persons whose stock is in nominee or "street name" accounts through brokers. The market price of our common stock has been and may continue to be subject to wide fluctuations in response to a number of events and factors, such as progress in our development programs, quarterly variations in our operating results, announcements of technological innovations or new products by us or our competitors, changes in financial estimates and recommendations by securities analysts, the operating and stock performance of other companies that investors may deem comparable to us, and news reports relating to trends in our markets. These fluctuations, as well as general economic and market conditions, may adversely affect the market price for our common stock.

Dividend Policy

We have never paid cash dividends on our common stock. We currently intend to retain any future earnings to fund the development and growth of our business. Therefore, we do not currently anticipate paying any cash dividends in the foreseeable future.

STOCK PERFORMANCE GRAPH

The following graph compares the cumulative total stockholder return data for our stock with the cumulative return of (i) The NASDAQ Stock Market (U.S.) Index and (ii) the NASDAQ Biotechnology Index since December 31, 2010. The graph assumes that $100 was invested on December 31, 2010. The stock price performance on the following graph is not necessarily indicative of future stock price performance.



* $100 Invested on 12/31/10 in stock or index—including reinvestment of dividends. Fiscal year ending December 31.

DURECT CORPORATION

	Cumulative Total Return					
	12/31/10	12/31/11	12/31/12	12/31/13	12/31/14	12/31/15
DURECT CORPORATION	100.00	34.20	26.67	50.14	22.90	64.06
NASDAQ STOCK MARKET (U.S.)	100.00	98.20	113.82	157.44	178.53	188.75
NASDAQ BIOTECHNOLOGY	100.00	111.81	147.48	244.24	327.52	364.93

Purchases of Equity Securities by the Issuer and Affiliated Purchasers

None.

Item 6. Selected Financial Data.

The following selected financial data should be read in conjunction with and are qualified by reference to "Management's Discussion and Analysis of Financial Condition and Results of Operations" and our financial statements and related notes, which are included in this Form 10-K. The statement of operations data for the years ended December 31, 2015, 2014 and 2013 and the balance sheet data at December 31, 2015 and 2014 are derived from, and are qualified by reference to, the audited financial statements included elsewhere in this Form 10-K. The statement of operations data for the years ended December 31, 2012 and 2011, and the balance sheet data at December 31, 2013, 2012 and 2011 are derived from our audited statements not included in this Form 10-K. Historical operating results are not necessarily indicative of results in the future. See Note 1 of notes to financial statements for an explanation of the determination of the shares used in computing net loss per share.

	Year Ended December 31,				
	2015	2014	2013	2012	2011
	(in thousands, except per share data)				
Statement of Operations Data:					
Collaborative research and development and other revenue (1)	$ 7,832	$ 8,256	$ 3,590	$42,494	$ 22,360
Product revenue, net	11,292	11,145	11,736	10,576	11,127
Total revenue	19,124	19,401	15,326	53,070	33,487
Operating expenses:					
Cost of revenue	3,905	5,686	4,837	4,654	4,713
Research and development	24,317	22,429	18,945	20,265	34,053
Selling, general and administrative	11,566	12,284	12,706	12,095	13,574
Total operating expenses	39,788	40,399	36,488	37,014	52,340
Income (loss) from operations	(20,664)	(20,998)	(21,162)	16,056	(18,853)
Other income (expense):					
Interest and other income (expenses)	237	39	(284)	151	93
Interest expense	(2,236)	(1,151)	(6)	(7)	(5)
Net other income (expense)	(1,999)	(1,112)	(290)	144	88
Net income (loss)	$ (22,663)	$ (22,110)	$ (21,452))	$16,200	$(18,765)
Basic net income (loss) per share	$ (0.19)	$ (0.20)	$ (0.21)	$ 0.18	$ (0.21)
Diluted net income (loss) per share	$ (0.19)	$ (0.20)	$ (0.21)	$ 0.18	$ (0.21)
Shares used in computing basic net income (loss) per share	118,523	111,666	103,078	88,433	87,410
Shares used in computing diluted net income (loss) per share	118,523	111,666	103,078	88,589	87,410

	As of December 31,				
	2015	2014	2013	2012	2011
	(in thousands)				
Balance Sheet Data:					
Cash, cash equivalents and investments	$ 29,290	$ 34,850	$ 24,391	$28,932	$ 30,829
Working capital	30,874	32,526	21,143	29,428	22,410
Total assets	46,772	50,084	40,820	45,935	49,196
Long-term debt, net	19,684	19,824	—	—	—
Other long-term liabilities	2,489	2,035	1,618	1,197	738
Stockholders' equity	14,883	18,515	30,721	36,331	3,477

(1) The 2012 figure includes the accelerated recognition of $35.4 million in deferred revenue associated with upfront fees previously received under terminated collaboration agreements with Nycomed, Pfizer and Hospira.

Item 7. Management's Discussion and Analysis of Financial Condition and Results of Operations.

This Management's Discussion and Analysis of Financial Condition and Results of Operations as of December 31, 2015, 2014 and 2013 should be read in conjunction with our Financial Statements, including the Notes thereto, and "Risk Factors" section included elsewhere in this Form 10-K. This Form 10-K contains forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and Section 27A of the Securities Act of 1933, as amended. When used in this report or elsewhere by management from time to time, the words "believe," "anticipate," "intend," "plan," "estimate," "expect" and similar expressions are forward-looking statements. Such forward-looking statements contained herein are based on current expectations.

Forward-looking statements made in this report include, for example, statements about:

- potential regulatory filings for or approval of POSIMIR, REMOXY or any of our other product candidates;
- the progress of our third-party collaborations, including estimated milestones;
- our intention to seek, and ability to enter into and maintain strategic alliances and collaborations;
- the potential benefits and uses of our products;
- responsibilities of our third-party collaborators, including the responsibility to make cost reimbursement, milestone, royalty and other payments to us, and our expectations regarding our collaborators' plans with respect to our products and continued development of our products;
- our responsibilities to our third-party collaborators, including our responsibilities to conduct research and development, clinical trials and manufacture products;
- our ability to protect intellectual property, including intellectual property licensed to our collaborators;
- market opportunities for products in our product pipeline;
- the progress and results of our research and development programs;
- requirements for us to purchase supplies and raw materials from third parties, and the ability of third parties to provide us with required supplies and raw materials;
- the results and timing of clinical trials, including for POSIMIR, REMOXY or DUR-928, and the possible commencement of future clinical trials;
- conditions for obtaining regulatory approval of our product candidates;
- submission and timing of applications for regulatory approval;
- the impact of FDA, DEA, EMEA and other government regulation on our business;
- the impact of potential Risk Evaluation and Mitigation Strategies (REMS) on our business;
- uncertainties associated with obtaining and protecting patents and other intellectual property rights, as well as avoiding the intellectual property rights of others;
- products and companies that will compete with the products we license to third-party collaborators;
- the possibility we may commercialize our own products and build up our commercial, sales and marketing capabilities and other required infrastructure;
- the possibility that we may develop additional manufacturing capabilities;
- our employees, including the number of employees and the continued services of key management, technical and scientific personnel;

- our future performance, including our anticipation that we will not derive meaningful revenues from our products in development for at least the next twelve months, potential for future inventory write-offs and our expectations regarding our ability to achieve profitability;
- sufficiency of our cash resources, anticipated capital requirements and capital expenditures, our ability to comply with covenants of our term loan, and our need for additional financing, including potential sales under our shelf registration statement;
- our expectations regarding marketing expenses, research and development expenses, and selling, general and administrative expenses;
- the composition of future revenues; and
- accounting policies and estimates, including revenue recognition policies.

Forward-looking statements are not guarantees of future performance and involve risks and uncertainties. Actual events or results may differ materially from those discussed in the forward-looking statements as a result of various factors. For a more detailed discussion of such forward looking statements and the potential risks and uncertainties that may impact upon their accuracy, see the "Risk Factors" section and "Overview" section of this Management's Discussion and Analysis of Financial Condition and Results of Operations. These forward-looking statements reflect our view only as of the date of this report. We undertake no obligations to update any forward-looking statements. You should also carefully consider the factors set forth in other reports or documents that we file from time to time with the Securities and Exchange Commission.

Overview

We are a biopharmaceutical company with research and development programs broadly falling into two categories: (i) new chemical entities derived from our Epigenomic Regulator Program, in which we attempt to discover and develop molecules which have not previously been approved and marketed as therapeutics, and (ii) Drug Delivery Programs, in which we apply our formulation expertise and technologies largely to active pharmaceutical ingredients whose safety and efficacy have previously been established but which we aim to improve in some manner through a new formulation. We also manufacture and sell osmotic pumps used in laboratory research and design, develop and manufacture a wide range of standard and custom biodegradable polymers and excipients for pharmaceutical and medical device clients for use as raw materials in their products.

A central aspect of our business strategy involves advancing multiple product candidates at one time, which is enabled by leveraging our resources with those of corporate collaborators. Thus, certain of our programs are currently licensed to corporate collaborators on terms which typically call for our collaborator to fund all or a substantial portion of future development costs and then pay us milestone payments based on specific development or commercial achievements plus a royalty on product sales. At the same time, we have retained the rights to other programs, which are the basis of future collaborations and which over time may provide a pathway for us to develop our own commercial, sales and marketing organization.

Collaborative Research and Development and Other Revenues

Collaborative research and development and other revenues consist of three broad categories: (a) the recognition of upfront license payments on a straight-line basis over the period of our continuing involvement with the third party, (b) the reimbursement of qualified research expenses by third parties and (c) milestone payments in connection with our collaborative agreements. During the last several years, we generated collaborative research and development revenues from collaborative agreements with Pain Therapeutics, Pfizer (King), Zogenix, Impax, Santen and others.

Product Revenues

We have historically generated product revenue from the sale of three product lines:

- ALZET® osmotic pumps for animal research use;

- LACTEL® biodegradable polymers which are used by our customers as raw materials in their pharmaceutical and medical products; and
- certain key excipients that are included in REMOXY and one excipient that is included in a currently marketed animal health product.

In the future, we expect to generate modest revenue related to an animal health product which was approved and launched by our licensee in 2011. Because we consider our core business to be developing and commercializing pharmaceuticals, we do not intend to significantly increase our investments in or efforts to sell or market any of our existing product lines. However, we expect that we will continue to make efforts to increase our revenue related to collaborative research and development by entering into additional research and development agreements with third-party collaborators to develop pharmaceutical product candidates.

Operating Results

Since our inception in 1998, we have generally had a history of operating losses. At December 31, 2015, we had an accumulated deficit of $405.6 million. Our net losses were $22.7 million, $22.1 million and $21.5 million for the years ended December 31, 2015, 2014, and 2013 respectively. These losses have resulted primarily from costs incurred to research and develop our product candidates and to a lesser extent, from selling, general and administrative costs associated with our operations and product sales. We expect our research and development expenses to increase in 2016 compared to 2015. We expect selling, general and administrative expenses to remain approximately comparable in 2016 to 2015. We do not anticipate meaningful revenues from our products in development, should they be approved, for at least the next twelve months. Therefore, we expect to incur continuing losses and negative cash flows from operations for the foreseeable future.

Critical Accounting Policies and Estimates

The preparation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and the disclosure of contingent assets and liabilities at the dates of the financial statements and the reported amounts of revenues and expenses during the reporting periods. The most significant estimates and assumptions relate to revenue recognition, the recoverability of our long-lived assets, including goodwill and other intangible assets, accrued liabilities, contract research liabilities, inventories and stock-based compensation. Actual amounts could differ significantly from these estimates.

Inventories and Purchase Commitments

Our inventories include excipients that are used in the manufacture of REMOXY, POSIMIR and other development programs. These inventories are capitalized based on management's judgment of probable sale or use in other development programs prior to their expiration date. The valuation of inventory requires us to estimate the value of inventory that may become expired prior to use. In October 2014, Pfizer announced that it had decided to discontinue the development and commercialization of REMOXY and return its rights to Pain Therapeutics. As a result of the change in the forecasted demand of the inventory from Pfizer, we were required to write-down certain lots of inventory which were no longer considered to be probable for use prior to expiration. In addition, we recorded a liability related to a minimum purchase agreement that we have in place for the excipients. In the year ended December 31, 2014, we recorded charges to cost of goods sold of approximately $1.6 million, of which approximately $1.1 million related to the write-down of the cost basis of inventory and $500,000 related to the accrual of a liability for the minimum purchase commitment for the excipients. As of December 31, 2015, the remaining carrying value of the excipients in our inventory was $1.1 million. In addition, we have remaining unrecorded future purchase commitments totaling $1.5 million through 2018. In the event that we determine that we will not utilize all of these materials, there could be additional write-offs related to this inventory and an additional reserve for future purchase commitments.

Revenue Recognition

We enter into license and collaboration agreements under which we may receive upfront license fees, research funding and contingent milestone payments and royalties. We evaluate the accounting treatment under these agreements including whether multiple deliverables exist, how the deliverables should be separated and how the consideration should be allocated to one or more units of accounting. For our collaborations with multiple deliverables, we have concluded that the deliverables are not separable and the arrangements should be accounted for as a combined unit of accounting. As a combined unit of accounting, we recognized the consideration for the combined unit of accounting in the same manner as the revenue was recognized for the final deliverable, which was generally ratably over the longest period of involvement. For example, upfront payments received upon execution of collaborative agreements are recorded as deferred revenue and recognized as collaborative research and development revenue based on a straight-line basis over the period of our continuing involvement with the third-party collaborator pursuant to the applicable agreement. Such period generally represents the longer of the estimated research and development period or other continuing obligation period defined in the respective agreements between us and our third-party collaborators. If we determine that the expected timeline for a project and therefore our continuing involvement is materially different than we previously assumed, we will adjust the period over which we recognize the deferred revenue.

Research and Development Expenses

Research and development expenses are primarily comprised of salaries, benefits, stock-based compensation and other compensation cost associated with research and development personnel, overhead and facility costs, preclinical and non-clinical development costs, clinical trial and related clinical manufacturing costs, contract services, and other outside costs. Research and development costs are expensed as incurred. Research and development costs paid to third parties under sponsored research agreements are recognized as expense as the related services are performed, generally ratably over the period of service.

Goodwill

We record intangible assets when we acquire other companies and intellectual property rights. The cost of an acquisition is allocated to the assets acquired and liabilities assumed, including intangible assets, with the remaining amount being classified as goodwill.

Goodwill is periodically assessed for impairment. Goodwill is evaluated for impairment at the reporting unit level. The Company operates in one operating segment and one reporting unit, which is the research, development and manufacturing of pharmaceutical products. We assess the impairment of goodwill at least annually and whenever events or changes in circumstances indicate that the carrying value may not be recoverable. Factors we consider important which could trigger an impairment review include the following:

- significant decline in our stock price for a sustained period;
- our market capitalization relative to net book value;
- new information affecting the commercial value of the asset;
- significant underperformance relative to expected historical or projected future operating results;
- significant changes in the manner of our use of the acquired assets or the strategy for our overall business; and
- significant negative industry or economic trends.

If we determine that the carrying value of our goodwill may not be recoverable based upon the existence of one or more of the above indicators of impairment, we measure any impairment based on a projected discounted cash flow method using a discount rate determined by our management to be commensurate with the risk

inherent in our current business model. We would also reconcile our estimate of total enterprise value to our market capitalization. As of December 31, 2015, the carrying value of goodwill was approximately $6.4 million. No impairment of goodwill has been recorded through December 31, 2015. However, there can be no assurance that at the time other periodic reviews are completed, a material impairment charge will not be recorded.

Accrued Liabilities and Contract Research Liabilities

We incur significant costs associated with third party consultants and organizations for pre-clinical studies, clinical trials, contract manufacturing, validation, testing, and other research and development-related services. We are required to estimate periodically the cost of services rendered but unbilled based on management's estimates of project status. If these good faith estimates are inaccurate, actual expenses incurred could materially differ from our estimates.

Stock-Based Compensation

Employee stock-based compensation is estimated at the date of grant based on the employee stock award's fair value using the Black-Scholes option-pricing model and is recognized as expense ratably over the requisite period.

We estimate the volatility of our common stock at the date of grant based on the historical volatility of our common stock. We base the risk-free rate that we use in the Black-Scholes option valuation model on the implied yield in effect at the time of option grant on U.S. Treasury zero-coupon issues with equivalent remaining terms. We have never paid any cash dividends on our common stock and we do not anticipate paying any cash dividends in the foreseeable future. Consequently, we use an expected dividend yield of zero in the Black-Scholes option valuation model. We estimate forfeitures at the time of grant and revise those estimates in subsequent periods if actual forfeitures differ from those estimates. We use historical data to estimate pre-vesting option forfeitures and record stock-based compensation expense only for those awards that are expected to vest. For options granted on or after January 1, 2006, we amortize the fair value on a straight-line basis. All options are amortized over the requisite service periods of the awards, which are generally the vesting periods. We may elect to use different assumptions under the Black-Scholes option valuation model in the future, which could materially affect our net income or loss and net income or loss per share.

Results of Operations

Comparison of years ended December 31, 2015, 2014 and 2013

Collaborative research and development and other revenue

We recognize revenues from collaborative research and development activities and service contracts. Collaborative research and development revenue primarily represents net reimbursement of qualified expenses related to the collaborative agreements with various third parties to research, develop and commercialize potential products using our drug delivery technologies, revenue recognized from ratable recognition of upfront fees, and milestone payments in connection with our collaborative agreements.

We expect our collaborative research and development revenue to fluctuate in future periods pending our efforts to enter into potential new collaborations and our existing third party collaborators' commitment to and progress in the research and development programs. The collaborative research and development and other revenues associated with our major collaborators are as follows (in thousands):

	Year ended December 31,		
	2015	2014	2013
Collaborator			
Zogenix, Inc. (Zogenix) (1)	$4,898	$4,431	$ 918
Pain Therapeutics, Inc. (Pain Therapeutics)	1,385	1,359	750
Santen Pharmaceutical Co. Ltd. (Santen) (2)	824	16	—
Impax Laboratories, Inc. (Impax) (3)	—	2,106	—
Pfizer Inc. (Pfizer)	—	118	42
Others	725	226	1,880
Total collaborative research and development and other revenue	$7,832	$8,256	$3,590

(1) Amounts related to ratable recognition of upfront fees were $255,000 in 2015 and 2014, and $241,000 in 2013.

(2) Amounts related to ratable recognition of upfront fees were $274,000 in 2015, $15,000 in 2014, and zero in 2013, respectively; we and Santen signed a license agreement effective December 11, 2014.

(3) Amounts related to recognition of upfront fees were zero in 2015, $2.0 million in 2014 and zero in 2013, respectively; we and Impax signed a license agreement effective January 3, 2014.

We recorded $7.8 million, $8.3 million and $3.6 million of collaborative research and development revenue in 2015, 2014 and 2013, respectively.

The decrease in collaborative research and development revenue in 2015 compared with 2014 was primarily due to lower revenue recognized from our agreements with Impax and Pfizer, offset by higher collaborative research and development revenue recognized in connection with Santen, Zogenix and Pain Therapeutics as our role in the development activities for the Santen ophthalmic program, Relday and certain ORADUR-based opioid products including REMOXY increased in 2015, as well as higher revenue recognized from our feasibility agreements with other companies.

The increase in collaborative research and development revenue in 2014 compared with 2013 was primarily due to higher revenue recognized from our agreements with Zogenix and Pain Therapeutics as our role in the development activities for Relday and certain ORADUR-based opioid products including REMOXY increased in 2014, as well as higher revenue recognized from our agreement with Pfizer, partially offset by lower collaborative research and development revenue recognized in connection with our feasibility agreements with other companies. The increase was also due to revenue recognized from our agreement with Impax in January 2014 and from our agreement with Santen in December 2014.

We received a $2.0 million upfront fee in connection with the license agreement signed with Santen in December 2014. The $2.0 million upfront fee is being recognized as collaborative research and development revenue ratably over the term of our continuing involvement with Santen. At December 31, 2015, $289,000 of the $2.0 million upfront fee had been recognized as revenue.

We received a $2.0 million upfront fee in connection with the license agreement signed with Impax in January 2014 relating to ELADUR. The $2.0 million upfront fee was recognized as collaborative research and development revenue in the first quarter of 2014 as revenue was recognized when the license to the intellectual property right was delivered and the technology transfer was completed.

We received a $2.25 million upfront fee in connection with the development and license agreement signed with Zogenix in July 2011 relating to Relday. The $2.25 million upfront fee is recognized as collaborative research and development revenue ratably over the term of our continuing involvement with Zogenix with respect to Relday. At December 31, 2015, $1.2 million of the $2.25 million upfront fee had been recognized as revenue.

Product revenue

A portion of our revenues is derived from product sales, which include our ALZET mini pump product line, our LACTEL biodegradable polymer product line and certain excipients that are included in REMOXY and a currently marketed animal health product. Net product revenues were $11.3 million, $11.1 million and $11.7 million in 2015, 2014 and 2013, respectively.

The increase in product revenue in 2015 was primarily attributable to higher revenue from our LACTEL polymer product line as a result of higher units sold as well as higher product revenue from the sale of certain excipients included in REMOXY and another product, offset by lower product revenue from our ALZET mini pump product line as a result of lower units sold partially offset by higher prices compared to 2014.

The decrease in product revenue in 2014 was primarily attributable to lower product revenue from our LACTEL polymer product line as a result of lower units sold, lower product revenue from the sale of our ALZET mini pump product line as a result of lower units sold partially offset by higher prices, and lower product revenue from the sale of certain excipients included in REMOXY and another product as a result of lower units sold compared to 2013.

Revenues in 2015, 2014 and 2013 included $96,000, $33,000 and $273,000 in product revenue related to the shipments of excipients included in REMOXY and a currently marketed animal health product.

Cost of product revenues

Cost of product revenues was $3.9 million, $5.7 million and $4.8 million in 2015, 2014 and 2013, respectively. Cost of product revenues include the cost of product revenue from our ALZET product line, our LACTEL product line and certain excipients that are included in REMOXY and another product.

The decrease in the cost of product revenue in 2015 was primarily the result of charges in 2014 of $1.6 million associated with certain excipients included in REMOXY in light of Pfizer's decision in the third quarter of 2014 to return to Pain Therapeutics all rights to develop and commercialize REMOXY. Excluding these charges recorded in 2014, cost of product revenues decreased primarily due to lower cost of goods sold from our ALZET product line arising from fewer units sold and lower cost of manufacturing for products sold from our LACTEL product line in 2015 compared to 2014.

The increase in the cost of product revenue in 2014 was primarily the result of charges of $1.6 million associated with certain excipients included in REMOXY in the third quarter of 2014, partially offset by lower cost of goods sold from our LACTEL and ALZET mini pump product lines and related to the sale of certain excipients arising from lower units sold in 2014 compared to 2013.

Stock-based compensation expense related to cost of product revenues was $108,000, $149,000 and $170,000 in 2015, 2014 and 2013, respectively.

As of December 31, 2015, 2014 and 2013, we had 22, 22 and 21 manufacturing employees, respectively. As of February 18, 2016, we had 22 employees in manufacturing, which we expect will remain comparable in the near future.

Research and Development. Research and development expenses are primarily comprised of salaries, benefits, stock-based compensation and other compensation cost associated with research and development personnel, overhead and facility costs, preclinical and non-clinical development costs, clinical trial and related clinical manufacturing costs, contract services, and other outside costs. Research and development expenses were $24.3 million, $22.4 million and $18.9 million in 2015, 2014 and 2013, respectively. Stock-based compensation expense recognized related to research and development personnel was $1.4 million, $1.7 million and $2.0 million in 2015, 2014 and 2013, respectively.

Research and development expenses increased by $1.9 million in 2015 compared to 2014. The increase in 2015 was primarily attributable to higher research and development costs associated with DUR-928, POSIMIR, Relday, REMOXY and the Santen ophthalmic program, partially offset by lower research and development costs associated with depot injectable programs, ORADUR-based opioid products licensed to Pain Therapeutics other than REMOXY, ELADUR, ORADUR-ADHD and other research programs as more fully discussed below.

Research and development expenses increased by $3.5 million in 2014 compared to 2013. The increase in 2014 was primarily attributable to higher development costs associated with Relday, DUR-928, ORADUR-based opioid products licensed to Pain Therapeutics other than REMOXY, ELADUR, REMOXY and other research programs, partially offset by lower research and development costs associated with POSIMIR, depot injectable programs, ORADUR-ADHD and the Santen ophthalmic program as more fully discussed below.

Research and development expenses associated with our major development programs are as follows (in thousands):

	Year Ended December 31,		
	2015	2014	2013
DUR-928	$ 8,276	$ 5,810	$ 3,151
POSIMIR (1)	7,220	6,360	8,991
Relday (1)	4,379	4,125	738
Depot Injectable Programs	1,654	2,171	3,796
ORADUR-based opioid products licensed to Pain Therapeutics other than REMOXY (1)	131	1,490	255
ELADUR (1)	125	591	211
ORADUR-ADHD	204	436	692
REMOXY (1)	872	302	206
Santen ophthalmic program (1)	597	83	152
Others	859	1,061	753
Total research and development expenses	$24,317	$22,429	$18,945

(1) See Note 2 Strategic Agreements in the financial statements for more details about our agreements with Pain Therapeutics, Zogenix, Impax and Santen.

DUR-928

Our research and development expenses for DUR-928 increased to $8.3 million in 2015 from $5.8 million in 2014, primarily due to higher employee-related costs, clinical trial expenses, as well as higher contract research and manufacturing expenses incurred for this drug candidate.

Our research and development expenses for DUR-928 increased to $5.8 million in 2014 from $3.2 million in 2013, primarily due to higher employee-related costs and higher contract manufacturing expenses, clinical trial expenses and non-clinical related expenses incurred for this drug candidate.

POSIMIR

Our research and development expenses for POSIMIR increased to $7.2 million in 2015 from $6.4 million in 2014, primarily due to higher employee-related costs, clinical trial expenses and contract manufacturing related expenses for POSIMIR, partially offset by lower outside consulting expenses for POSIMIR.

Our research and development expenses for POSIMIR decreased to $6.4 million in 2014 from $9.0 million in 2013, primarily due to lower employee-related costs for POSIMIR in 2014 as we incurred higher costs associated with preparing the NDA in 2013, partially offset by higher external costs related to medical affairs for POSIMIR in 2014.

Relday

Our research and development expenses for Relday increased to $4.4 million in 2015 from $4.1 million in 2014 primarily due to increased development and technical transfer activities and higher employee-related costs incurred for this drug candidate.

Our research and development expenses for Relday increased to $4.1 million in 2014 from $738,000 in 2013 primarily due to increased development activities and higher costs related to non-clinical studies associated with Relday.

Depot Injectable programs

Our research and development expenses for depot injectable programs decreased to $1.7 million in 2015 from $2.2 million in 2014 primarily due to lower employee-related costs and lower costs related to research supplies.

Our research and development expenses for depot injectable programs decreased to $2.2 million in 2014 from $3.8 million in 2013 primarily due to lower employee-related costs.

ORADUR-based opioid products licensed to Pain Therapeutics other than REMOXY

Our research and development expenses for ORADUR-based opioid products licensed to Pain Therapeutics other than REMOXY decreased to $131,000 in 2015 from $1.5 million in 2014, primarily due to lower employee-related costs as well as lower outside expenses.

Our research and development expenses for ORADUR-based opioid products licensed to Pain Therapeutics other than REMOXY increased to $1.5 million in 2014 from $255,000 in 2013, primarily due to higher employee-related costs as well as increased external costs.

ELADUR

Our research and development expenses for ELADUR decreased to $125,000 in 2015 from $591,000 in 2014, due to lower employee-related costs.

Our research and development expenses for ELADUR increased to $591,000 in 2014 from $211,000 in 2013, primarily due to higher employee-related costs.

ORADUR-ADHD

Our research and development expenses for ORADUR-ADHD decreased to $204,000 in 2015 from $436,000 in 2014, primarily due to lower employee-related costs.

Our research and development expenses for ORADUR-ADHD decreased to $436,000 in 2014 from $692,000 in 2013, primarily due to lower employee-related costs.

REMOXY

Our research and development expenses for REMOXY increased to $872,000 in 2015 from $302,000 in 2014, primarily due to higher employee-related costs for REMOXY.

Our research and development expenses for REMOXY increased to $302,000 in 2014 from $206,000 in 2013, primarily due to higher employee-related costs, as well as increased external costs.

Santen ophthalmic program

Our research and development expenses for the Santen ophthalmic program increased to $597,000 in 2015 from $83,000 in 2014, primarily due to higher employee-related costs as a result of increased formulation development activities

Our research and development expenses for the Santen ophthalmic program decreased to $83,000 in 2014 from $152,000 in 2013, primarily due to decreased formulation activities.

Other DURECT Research Programs

Our research and development expenses for all other research activities decreased to $859,000 in 2015 from $1.1 million in 2014, primarily due to lower employee-related costs.

Our research and development expenses for all other research activities decreased to $1.1 million in 2014 from $753,000 million in 2013, primarily due to lower employee-related costs.

As of December 31, 2015, 2014 and 2013, we had 57, 54 and 54 research and development employees. As of February 18, 2016, we had 57 employees in research and development, which we expect will remain comparable in the near future. We expect research and development expenses to increase in 2016 compared to 2015.

We cannot reasonably estimate the timing and costs of our research and development programs due to the risks and uncertainties associated with developing pharmaceuticals as outlined in the "Risk Factors" section of this report. The duration of development of our research and development programs may span as many as ten years or more, and estimation of completion dates or costs to complete would be highly speculative and subjective due to the numerous risks and uncertainties associated with developing pharmaceutical products, including significant and changing government regulation, the uncertainties of future preclinical and clinical study results, the uncertainties with our collaborators' commitment to and progress in the programs and the uncertainties associated with process development and manufacturing as well as sales and marketing. In addition, with respect to our development programs subject to third-party collaborations, the timing and expenditures to complete the programs are subject to the control of our collaborators. Therefore, we cannot reasonably estimate the timing and estimated costs of the efforts necessary to complete the research and development programs. For additional information regarding these risks and uncertainties, see "Risk Factors" above.

Selling, General and Administrative. Selling, general and administrative expenses are primarily comprised of salaries, benefits and stock-based compensation associated with finance, legal, business development, sales and marketing and other administrative personnel, overhead and facility costs, and other general and administrative costs. Selling, general and administrative expenses were $11.6 million, $12.3 million and $12.7 million in 2015, 2014 and 2013, respectively. Stock-based compensation expense recognized related to selling,

general and administrative personnel was $1.2 million, $1.2 million and $1.3 million in 2015, 2014 and 2013, respectively.

Selling, general and administrative expenses decreased by $718,000 in 2015 compared to 2014, primarily due to lower employee related costs and patent related expenses. Selling, general and administrative expenses decreased by $422,000 in 2014 compared to 2013, primarily due to lower compensation related costs and marketing related expenses.

As of December 31, 2015, 2014 and 2013, we had 26, 25 and 26 selling, general and administrative personnel, respectively. As of February 18, 2016, we had 27 selling, general and administrative employees, which we expect will remain comparable in the near future. We expect selling, general and administrative expenses to remain approximately comparable in 2016 to 2015.

Other Income (Expense). Interest and other income (expense) was $237,000, $39,000 and ($284,000) in 2015, 2014 and 2013, respectively. In 2015, 2014 and 2013, interest and other income (expense) included income tax benefit of $8,000, income tax expense of $85,000 and $320,000 related to the impact of recording a deferred tax liability associated with goodwill related to an asset acquisition in 2000.

Interest expense was $2.2 million, $1.2 million and $6,000 in 2015, 2014 and 2013, respectively. The increase in interest expense in 2015 was primarily due to interest expense and amortization of debt discount related to a long-term debt arrangement recorded for a full year in 2015. The increase in interest expense in 2014 was primarily due to interest expense and amortization of debt discount related to a long-term debt arrangement entered into in June 2014.

Income taxes. As of December 31, 2015, we had net operating loss (NOL) carryforwards for federal income tax purposes of approximately $295.6 million, which expire in the years 2019 through 2035, and federal research and development tax credits of approximately $9.9 million, which expire at various dates beginning in 2018 through 2035, if not utilized. As of December 31, 2015, we had NOL carryforwards for state income tax purposes of approximately $211.3 million, which expire in the years 2016 through 2035, and state research and development tax credits of approximately $10.8 million, which do not expire. Utilization of the net operating losses may be subject to a substantial annual limitation due to federal and state ownership change limitations. The annual limitation may result in the expiration of net operating losses and credits before utilization.

As of December 31, 2015 and 2014, we had net deferred tax assets of $138.1 million and $130.9 million, respectively. Deferred tax assets reflect the net tax effects of net operating loss and credit carryforwards and the temporary differences between the carrying amounts of assets and liabilities for financial reporting and the amounts used for income tax purposes. 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.

Because realization of such tax benefits is uncertain, we provided a 100% valuation allowance as of December 31, 2015 and 2014. Utilization of the NOL and R&D credits carryforwards may be subject to a substantial annual limitation due to ownership change limitations that have occurred previously or that could occur in the future provided by Sections 382 and 383 of the Internal Revenue Code of 1986, as well as similar state and foreign provisions. These ownership changes may limit the amount of NOL and R&D credits carryforwards that can be utilized annually to offset future taxable income and tax, respectively. In general, an ownership change, as defined by Section 382, results from transactions increasing the ownership of certain shareholders or public groups in the stock of a corporation by more than 50 percentage points over a three-year period. Since our formation, we have raised capital through the issuance of capital stock on several occasions which, combined with the purchasing shareholders' subsequent disposition of those shares, may have resulted in a change of control, as defined by Section 382, or could result in a change of control in the future upon subsequent disposition. We issued $60.0 million of convertible notes in 2003 and subsequently all of these notes

had been converted as of December 31, 2008 into approximately 19.0 million shares of our common stock. We also issued approximately 4.4 million shares of our common stock to an institutional investor in connection with an equity financing in September 2009. In December 2012 and November 2013, we completed underwritten public offerings in which we sold an aggregate of approximately 14.0 million shares and approximately 8.2 million shares, respectively, of our common stock pursuant to an effective registration statement. In 2014, 2015 and the first quarter of 2016, we issued approximately 2.9 million, 7.1 million and 227,000 shares, respectively, of our common stock in the open market through a Controlled Equity Offering sales agreement with Cantor Fitzgerald pursuant to effective registration statements. These transactions may also have resulted in a change of control as defined by Section 382 or could result in a change of control in the future upon the subsequent disposition of the shares.

We have not currently completed a study to assess whether a change in control has occurred or whether there have been multiple changes of control since our formation due to the significant complexity and cost associated with such a study and the fact that there could be additional changes in the future. If we have experienced a change of control at any time since our formation, utilization of our NOL or R&D credits carryforwards would be subject to an annual limitation under Sections 382 and 383 which is determined by first multiplying the value of our stock at the time of the ownership change by the applicable long-term tax-exempt rate, and then could be subject to additional adjustments, as required. Any limitation may result in expiration of a portion of our NOL or R&D credits carryforwards before utilization. Tax years 1998 to 2015 remain subject to future examination by the major tax jurisdictions in which we are subject to tax.

Liquidity and Capital Resources

We had cash, cash equivalents, and investments totaling $29.3 million and $34.9 million at December 31, 2015 and 2014, respectively. This includes $250,000 and $350,000 of interest-bearing marketable securities classified as restricted investments on our balance sheet as of December 31, 2015 and 2014, respectively, which primarily serve as collateral for letters of credit securing our leased facilities in Alabama and California. The letter of credit for our leased facility in Alabama will expire in July 2021 and the letter of credit for our leased facility in California will expire in February 2019.

We used $20.6 million, $14.2 million and $15.4 million cash in operating activities in the years ended December 31, 2015, 2014, and 2013, respectively. The cash used for operations was primarily to fund operations as well as our working capital requirements. Our cash used in operating activities differs from our net income (loss) in part due to the timing and recognition of up-front payments under collaborative agreements. Upfront payments received upon execution of collaborative agreements are recorded as deferred revenue and generally recognized on a straight-line basis over the period of our continuing involvement with the third-party collaborator pursuant to the applicable agreement. The increase in cash used in operations in 2015 compared with 2014 was primarily attributable to increases in prepaid expenses, inventories and accounts receivable, partially offset by increases in accounts payable and contract research liabilities. The decrease in cash used in operations in 2014 compared with 2013 was primarily attributable to the decrease in accounts payable, offset by the increase in contract research liability.

We received $6.3 million and $1.1 million of cash in investing activities in the years ended December 31, 2015 and 2013, respectively, and used $15.7 million of cash in investing activities in the year ended December 31, 2014. The increase in cash provided by investing activities in 2015 was primarily due to an increase in net maturities of available-for-sale securities. The increase in cash used in investing activities in 2014 was primarily due to an increase in net purchases of available-for-sale securities. We anticipate incurring capital expenditures of approximately $100,000 over the next 12 months. The actual amount and timing of capital expenditures will depend, among other things, on the success of clinical trials for our product candidates, our research and development activities and general equipment replacements.

We generated $15.2 million, $24.8 million and $11.0 million of cash from financing activities in the years ended December 31, 2015, 2014 and 2013, respectively. The decrease in cash provided by financing activities in

2015 was primarily a result of $19.8 million received from a term loan in 2014, partially offset by higher proceeds from the issuances of common stock from open market sales, and proceeds from exercises of stock options and from purchases under our Employee Stock Purchase Plan. The increase in cash received from financing activities in 2014 was primarily a result of proceeds received from the term loan, partially offset by lower proceeds from the issuances of common stock from open market sales, and proceeds from exercises of stock options and from purchases under our Employee Stock Purchase Plan.

In November 2013, we completed an underwritten public offering in which we sold an aggregate of 8,214,287 shares of our common stock pursuant to an effective registration statement at a price to the public of $1.40 per share. We received net proceeds of approximately $10.6 million after deducting underwriting discounts and commissions and estimated offering expenses.

In December 2013, we filed a shelf registration statement on Form S-3 with the SEC, which upon being declared effective in January 2014, allowed us to offer up to $100.9 million of securities from time to time in one or more public offerings of our common stock. In addition, in December 2013, we entered into a Controlled Equity Offering sales agreement with Cantor Fitzgerald, under which we may sell, subject to certain limitations, up to $25 million of common stock through Cantor Fitzgerald, acting as agent. We also entered into a second Controlled Equity Offering sales agreement with Cantor Fitzgerald on November 3, 2015, under which we may sell, up to $40 million of common stock through Cantor Fitzgerald, acting as agent, subject to certain limitations, pursuant to a new shelf registration statement on Form S-3 that we filed with the SEC on November 3, 2015, which was declared effective by the SEC on November 25, 2015 (at which time the prior registration statement terminated). During the third quarter of 2014, we raised net proceeds (net of commissions) of approximately $4.7 million from the sale of 2,907,664 shares of our common stock in the open market through the December 2013 agreements with Cantor Fitzgerald at a weighted average price of $1.65 per share. In 2015, we raised net proceeds (net of commissions) of approximately $14.3 million from the sale of 7,066.607 shares of our common stock in the open market through the agreements with Cantor Fitzgerald at a weighted average price of $2.09 per share. During the first quarter of 2016, we raised net proceeds (net of commissions) of approximately $494,000 from the sale of 226,698 shares of our common stock in the open market through the November 2015 agreement with Cantor Fitzgerald at a weighted average price of $2.25 per share. As of February 18, 2016, the Company had up to $37.6 million of common stock available for sale under the Controlled Equity Offering program and $122.6 million of common stock available for sale under the new shelf registration statement. Any additional sales in the public market of our common stock, under the November 2015 agreement with Cantor Fitzgerald or otherwise under the November 2015 shelf registration statement, could adversely affect prevailing market prices for our common stock.

On June 26, 2014, we entered into the Loan Agreement with Oxford Finance LLC, pursuant to which Oxford provided a $20.0 million secured single-draw term loan to us with a maturity date of July 1, 2018. The term loan was fully drawn at close and the proceeds are to be used for working capital and general business requirements. The term loan repayment schedule provides for interest only payments for the first 18 months, followed by consecutive equal monthly payments of principal and interest in arrears starting on February 1, 2016 and continuing through the maturity date. The Loan Agreement provides for a 7.95% interest rate on the term loan, a $150,000 facility fee that was paid at closing and an additional payment equal to 8% of the principal amount of the term loan, which is due when the term loan becomes due or upon the prepayment of the facility. If we elect to prepay the loan, there is also a prepayment fee between 1% and 3% of the principal amount of the term loan depending on the timing and circumstances of prepayment.

In connection with the term loan, we received proceeds of $19.8 million, net of debt offering/issuance costs. The debt offering/issuance costs have been recorded as debt discount on our balance sheet which together with the additional $1.6 million payment and fixed interest rate payments will be amortized to interest expense throughout the life of the term loan using the effective interest rate method.

The term loan is secured by substantially all of our assets, except that the collateral does not include any equity interests in us, any intellectual property (including all licensing, collaboration and similar agreements relating thereto), and certain other excluded assets. The Loan Agreement contains customary representations,

warranties and covenants by us, which covenants limit our ability to convey, sell, lease, transfer, assign or otherwise dispose of certain of our assets; engage in any business other than the businesses currently engaged in by us or reasonably related thereto; liquidate or dissolve; make certain management changes; undergo certain change of control events; create, incur, assume, or be liable with respect to certain indebtedness; grant certain liens; pay dividends and make certain other restricted payments; make certain investments; and make payments on any subordinated debt.

The Loan Agreement also contains customary indemnification obligations and customary events of default, including, among other things, our failure to fulfill certain of our obligations under the Loan Agreement and the occurrence of a material adverse change which is defined as a material adverse change in our business, operations, or condition (financial or otherwise), a material impairment of the prospect of repayment of any portion of the loan, or a material impairment in the perfection or priority of lender's lien in the collateral or in the value of such collateral. In the event of default by us under the Loan Agreement, the lender would be entitled to exercise its remedies thereunder, including the right to accelerate the debt, upon which we may be required to repay all amounts then outstanding under the Loan Agreement, which could harm our financial condition.

In July 2015, the Company and Oxford Finance entered into the First Amendment of the Loan Agreement and modified the terms to the Loan Agreement to change the maturity date from July 1, 2018 to July 1, 2019 and to change the first principal payment date from February 1, 2016 to February 1, 2017. The interest rate remains unchanged, the Company paid a loan modification fee of $240,000 and the additional payment originally equal to 8% of the principal amount of the term loan, which is due when the term loan becomes due or upon the prepayment of the facility, was increased to 10%.

Cash used in our operating activities is heavily influenced by the timing and structure of new corporate collaborations. While one feature of our business strategy is seeking new corporate collaborations, assuming no new collaborations and no milestone payments, we anticipate that cash used in operating activities will increase in the near term because of assumed additional clinical trials and contract manufacturing activities for our development programs and as a higher proportion of our research and development efforts are self-funded rather than covered by collaborative partners. In aggregate, we are required to make future payments pursuant to our existing contractual obligations as follows (in thousands):

Contractual Obligations	2016	2017	2018	2019	2020	2021 and thereafter	Total
Capital lease (1)	$ 22	$ 15	$ 15	$ 7	$ 4	$ —	$ 63
Term loan (1)	1,590	8,848	8,848	6,423	—	—	25,709
Purchase commitments (2)	500	500	500	—	—	—	1,500
Operating lease obligations	1,970	2,000	1,948	539	324	194	6,975
Total contractual cash obligations	$4,082	$11,363	$11,311	$6,969	$328	$ 194	$34,247

(1) Includes principal and interest payments.

(2) We accrued $500,000 as a loss on a purchase obligation and recorded this amount as a charge in cost of goods sold in the statement of operations and comprehensive income (loss) for the year ended December 31, 2014.

We believe that our existing cash, cash equivalents and investments will be sufficient to fund our planned operations, existing debt and contractual commitments and planned capital expenditures through at least the next 12 months. We may consume available resources more rapidly than currently anticipated, resulting in the need for additional funding. Additionally, we do not expect to generate significant revenues from our pharmaceutical systems currently under development for at least the next twelve months, if at all. Depending on whether we enter into additional collaborative agreements in the near term and the extent to which we earn milestone revenues, we may be required to raise additional capital through a variety of sources, including:

- the public equity markets;
- private equity financings;

- collaborative arrangements; and/or
- public or private debt.

There can be no assurance that we will enter into additional collaborative agreements in the near term, will earn milestone revenues or that additional capital will be available on favorable terms, if at all. If adequate funds are not available, we may be required to significantly reduce or refocus our operations or to obtain funds through arrangements that may require us to relinquish rights to certain of our products, technologies or potential markets, either of which could have a material adverse effect on our business, financial condition and results of operations. To the extent that additional capital is raised through the sale of equity or convertible debt securities, the issuance of such securities would result in ownership dilution to our existing stockholders.

Our cash and investments policy emphasizes liquidity and preservation of principal over other portfolio considerations. We select investments that maximize interest income to the extent possible given these two constraints. We satisfy liquidity requirements by investing excess cash in securities with different maturities to match projected cash needs and limit concentration of credit risk by diversifying our investments among a variety of high credit-quality issuers.

Off-Balance Sheet Arrangements

We have not utilized “off-balance sheet” arrangements to fund our operations or otherwise manage our financial position.

Item 7A. Quantitative and Qualitative Disclosures About Market Risk.

Interest Rate Risk

Our exposure to market risk for changes in interest rates relates primarily to our investment portfolio. Fixed rate securities and borrowings may have their fair market value adversely impacted due to fluctuations in interest rates, while floating rate securities may produce less income than expected if interest rates fall and floating rate borrowings may lead to additional interest expense if interest rates increase. Due in part to these factors, our future investment income may fall short of expectations due to changes in interest rates or we may suffer losses in principal if forced to sell securities which have declined in market value due to changes in interest rates.

Our primary investment objective is to preserve principal while at the same time maximizing yields without significantly increasing risk. Our portfolio includes money markets funds, commercial paper, medium-term notes, corporate notes, government securities and corporate bonds. The diversity of our portfolio helps us to achieve our investment objectives. As of December 31, 2015, approximately 98% of our investment portfolio is composed of investments with original maturities of one year or less and approximately 1% of our investment portfolio matures less than 90 days from the date of purchase.

The following table presents the amounts of our cash equivalents and investments that may be subject to interest rate risk and the average interest rates as of December 31, 2015 by year of maturity (dollars in thousands):

	2016	2017	Total
Cash equivalents:			
Fixed rate	$ 200	$—	$ 200
Average fixed rate	0.36%	—	0.36%
Variable rate	$ 81	$—	$ 81
Average variable rate	0.01%	—	0.01%
Short-term investments:			
Fixed rate	$25,457	$—	$25,457
Average fixed rate	0.39%	—	0.39%
Long-term investments:			
Fixed rate	$ —	$—	$ —
Average fixed rate	—	—	—
Restricted investments:			
Fixed rate	$ 250	$—	$ 250
Average fixed rate	0.10%	—	0.10%
Total investment securities	$25,988	$—	$25,988
Average rate	0.38%	—	0.38%

As of December 31, 2015, the fair value of our term loan was estimated to be $19.7 million. The term loan repayment schedule, as amended, provides for interest only payments for the first 30 months after the June 26, 2014 closing date, followed by consecutive equal monthly payments of principal and interest in arrears starting on February 1, 2017 and continuing through the maturity date of July 1, 2019. The term loan bears a fixed rate of 7.95% and an additional payment equal to 10% of the principal amount of the term loan, which is due when the term loan becomes due or upon the prepayment of the facility. If we elect to prepay the loan, there is also a prepayment fee between 1% and 3% of the principal amount of the term loan depending on the timing and circumstances of prepayment. The obligation under the term loan is subject to interest rate risk because the interest rates under the obligation may exceed current interest rates.

The following table presents the amounts of our cash equivalents and investments that may be subject to interest rate risk and the average interest rates as of December 31, 2014 by year of maturity (dollars in thousands):

	2015	2016	Total
Cash equivalents:			
Fixed rate	$ —	$ —	$ —
Average fixed rate	—	—	—
Variable rate	$ 1,558	$ —	$ 1,558
Average variable rate	0.01%	—	0.01%
Short-term investments:			
Fixed rate	$30,016	$ —	$30,016
Average fixed rate	0.26%	—	0.26%
Long-term investments:			
Fixed rate	$ —	$ 1,804	$ 1,804
Average fixed rate	—	0.43%	0.43%
Restricted investments:			
Fixed rate	$ 350	$ —	$ 350
Average fixed rate	0.10%	—	0.10%
Total investment securities	$31,924	$ 1,804	$33,728
Average rate	0.25%	0.43%	0.26%

Item 8. Financial Statements and Supplementary Data.

DURECT CORPORATION
INDEX TO FINANCIAL STATEMENTS

Report of Independent Registered Public Accounting Firm

To the Board of Directors and Stockholders of DURECT Corporation

We have audited the accompanying balance sheets of DURECT Corporation as of December 31, 2015 and 2014, and the related statements of operations and comprehensive loss, stockholders' equity, and cash flows for each of the three years in the period ended December 31, 2015. Our audits also included the financial statement schedule listed in the Index at Item 15(a) (2). These financial statements and schedule are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements and schedule based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of DURECT Corporation at December 31, 2015 and 2014, and the results of its operations and its cash flows for each of the three years in the period ended December 31, 2015, in conformity with U.S. generally accepted accounting principles. Also, in our opinion, the related financial statement schedule, when considered in relation to the basic financial statements taken as a whole, presents fairly in all material respects the information set forth therein.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), DURECT Corporation's internal control over financial reporting as of December 31, 2015, based on criteria established in Internal Control-Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 Framework) and our report dated March 1, 2016 expressed an unqualified opinion thereon.

/S/ ERNST & YOUNG LLP

Redwood City, California
March 1, 2016

DURECT CORPORATION

BALANCE SHEETS
(in thousands, except per share amounts)

	December 31, 2015	December 31, 2014
ASSETS		
Current assets:		
Cash and cash equivalents	$ 3,583	$ 2,680
Short-term investments	25,457	30,016
Accounts receivable (net of allowances of $161 at December 31, 2015 and $211 at December 31, 2014)	2,222	2,122
Inventories	3,917	3,642
Prepaid expenses and other current assets	3,142	1,034
Total current assets	38,321	39,494
Property and equipment, net	1,566	1,749
Goodwill	6,399	6,399
Long-term investments	—	1,804
Long-term restricted investments	250	350
Other long-term assets	236	288
Total assets	$ 46,772	$ 50,084
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Accounts payable	$ 1,286	$ 1,021
Accrued liabilities	4,970	5,051
Contract research liabilities	575	358
Deferred revenue, current portion	616	538
Total current liabilities	7,447	6,968
Deferred revenue, non-current portion	2,269	2,742
Long-term debt, net	19,684	19,824
Other long-term liabilities	2,489	2,035
Commitments and contingencies		
Stockholders' equity:		
Preferred stock, $0.0001 par value: 10,000 shares authorized; none issued and outstanding	—	—
Common stock, $0.0001 par value: 200,000 shares authorized; 121,839 and 113,733 shares issued and outstanding at December 31, 2015 and 2014, respectively	12	11
Additional paid-in capital	420,453	401,322
Accumulated other comprehensive income (loss)	(14)	87
Accumulated deficit	(405,568)	(382,905)
Stockholders' equity	14,883	18,515
Total liabilities and stockholders' equity	$ 46,772	$ 50,084

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

DURECT CORPORATION

STATEMENTS OF OPERATIONS AND COMPREHENSIVE LOSS
(in thousands, except per share amounts)

	Year ended December 31,		
	2015	2014	2013
Collaborative research and development and other revenue	$ 7,832	$ 8,256	$ 3,590
Product revenue, net	11,292	11,145	11,736
Total revenues	19,124	19,401	15,326
Operating expenses:			
Cost of product revenues	3,905	5,686	4,837
Research and development	24,317	22,429	18,945
Selling, general and administrative	11,566	12,284	12,706
Total operating expenses	39,788	40,399	36,488
Loss from operations	(20,664)	(20,998)	(21,162)
Other income (expense):			
Interest and other income (expenses)	237	39	(284)
Interest expense	(2,236)	(1,151)	(6)
Net other income (expense)	(1,999)	(1,112)	(290)
Net loss	(22,663)	(22,110)	(21,452)
Net change in unrealized gain (loss) on available-for-sale securities, net of tax	(101)	86	(5)
Total comprehensive loss	$ (22,764)	$ (22,024)	$ (21,457)
Net loss per share			
Basic	$ (0.19)	$ (0.20)	$ (0.21)
Diluted	$ (0.19)	$ (0.20)	$ (0.21)
Weighted-average shares used in computing net loss per share			
Basic	118,523	111,666	103,078
Diluted	118,523	111,666	103,078

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

DURECT CORPORATION

STATEMENT OF STOCKHOLDERS' EQUITY
(in thousands)

	Common Stock		Additional Paid-In Capital	Accumulated Other Comprehensive Income	Accumulated Deficit	Total Stockholders' Equity
	Shares	Amount				
Balance at December 31, 2012	101,880	10	375,658	6	(339,343)	36,331
Issuance of common stock upon exercise of stock options and purchases of ESPP shares	315	—	315	—	—	315
Issuance of common stock upon equity financing, net of issuance costs of $825	8,214	1	10,674	—	—	10,675
Stock-based compensation expense from stock options and ESPP shares	—	—	4,857	—	—	4,857
Net loss	—	—	—	—	(21,452)	(21,452)
Change in unrealized gain on available-for-sale securities, net of tax	—	—	—	(5)	—	(5)
Balance at December 31, 2013	110,409	11	391,504	1	(360,795)	30,721
Issuance of common stock upon exercise of stock options and purchases of ESPP shares	416	—	399	—	—	399
Issuance of common stock upon equity financings, net of issuance costs of $192	2,908	—	4,618	—	—	4,618
Stock-based compensation expense from stock options and ESPP shares	—	—	4,801	—	—	4,801
Net loss	—	—	—	—	(22,110)	(22,110)
Change in unrealized gain on available-for-sale securities, net of tax	—	—	—	86	—	86
Balance at December 31, 2014	113,733	$ 11	$401,322	$ 87	$(382,905)	$ 18,515
Issuance of common stock upon exercise of stock options and purchases of ESPP shares	1,039	—	1,175	—	—	1,175
Issuance of common stock upon equity financings, net of issuance costs of $491	7,067	1	14,289	—	—	14,290
Stock-based compensation expense from stock options and ESPP shares	—	—	3,667	—	—	3,667
Net loss	—	—	—	—	(22,663)	(22,663)
Change in unrealized gain on available-for-sale securities, net of tax	—	—	—	(101)	—	(101)
Balance at December 31, 2015	121,839	$ 12	$420,453	$ (14)	$(405,568)	$ 14,883

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

DURECT CORPORATION

STATEMENTS OF CASH FLOWS
(in thousands)

	Year ended December 31,		
	2015	2014	2013
Cash flows from operating activities			
Net loss	$(22,663)	$(22,110)	$(21,452)
Adjustments to reconcile net loss to net cash used in operating activities:			
Depreciation and amortization	425	601	558
Stock-based compensation	2,660	3,080	3,426
Inventory write-off	303	1,227	574
Amortization of debt issuance cost	100	38	—
Realized gain from sale of marketable equity security, net of tax	(117)	—	—
Changes in assets and liabilities:			
Accounts receivable	(100)	227	(183)
Inventories	(579)	(1,369)	(681)
Prepaid expenses and other assets	(2,056)	854	370
Accounts payable	265	285	(1,049)
Accrued liabilities	1,385	1,200	3,734
Contract research liability	217	29	(154)
Deferred revenue	(395)	1,729	(591)
Total adjustments	2,108	7,901	6,004
Net cash used in operating activities	(20,555)	(14,209)	(15,448)
Cash flows from investing activities			
Purchases of property and equipment	(225)	(204)	(69)
Purchases of available-for-sale securities	(34,318)	(31,823)	(20,403)
Proceeds from maturities of available-for-sale securities	40,619	16,294	21,580
Proceeds from sales of short-term investment	178	—	—
Net cash provided by (used in) investing activities	6,254	(15,733)	1,108
Cash flows from financing activities			
Payments on equipment financing obligations	(21)	(17)	(9)
Net proceeds from issuances of common stock upon exercise of stock options, and purchases of ESPP shares	1,175	399	315
Net proceeds from issuances of common stock in connection with equity financings	14,290	4,618	10,675
Payment of additional issuance cost for long-term debt	(240)	—	—
Net proceeds from issuance of long-term debt	—	19,786	—
Net cash provided by financing activities	15,204	24,786	10,981
Net increase (decrease) in cash and cash equivalents	903	(5,156)	(3,359)
Cash and cash equivalents at beginning of year	2,680	7,836	11,195
Cash and cash equivalents at end of year	$ 3,583	$ 2,680	$ 7,836
Supplemental disclosure of cash flow information			
Cash paid for interest	$ 1,595	$ 691	$ 6

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

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS

1. Summary of Significant Accounting Policies

Nature of Operations

DURECT Corporation (the Company) was incorporated in the state of Delaware on February 6, 1998. The Company is a biopharmaceutical company developing therapies based on its proprietary drug formulations and delivery platform technologies and its expertise in drug development. The Company has several products under development by itself and with third party collaborators. The Company also manufactures and sells osmotic pumps used in laboratory research, and designs, develops and manufactures a wide range of standard and custom biodegradable polymers and excipients for pharmaceutical and medical device clients for use as raw materials in their products. In addition, the Company conducts research and development of pharmaceutical products in collaboration with third party pharmaceutical and biotechnology companies.

Basis of Presentation and Use of Estimates

The Company's financial statements have been prepared in accordance with U.S. generally accepted accounting principles (U.S. GAAP). Certain other expense balances on the statements of operations and comprehensive income (loss) have been reclassified to conform to the current period presentation. The preparation of financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the financial statements, the reported amounts of revenue and expenses during the reported period and related disclosures. Actual results could differ materially from those estimates.

Cash, Cash Equivalents and Investments

The Company considers all highly liquid investments with maturities of 90 days or less from the date of purchase to be cash equivalents. Investments with original maturities of greater than 90 days from the date of purchase but less than one year from the balance sheet date are classified as short-term investments, while investments with maturities in one year or beyond one year from the balance sheet date are classified as long-term investments. Management determines the appropriate classification of its cash equivalents and investment securities at the time of purchase and re-evaluates such determination as of each balance sheet date. Management has classified the Company's cash equivalents and investments as available-for-sale securities in the accompanying financial statements. Available-for-sale securities are carried at fair value, with unrealized gains and losses reported as a component of accumulated other comprehensive loss. Realized gains and losses are included in interest income. There were no material realized gains or losses in the periods presented. The cost of securities sold is based on the specific identification method.

The Company invests in debt instruments of government agencies and corporations, and money market funds with high credit ratings. The Company has established guidelines regarding diversification of its investments and their maturities with the objectives of maintaining safety and liquidity, while maximizing yield.

Concentrations of Credit Risk

Financial instruments that potentially subject the Company to credit risk consist principally of interest-bearing investments and trade receivables. The Company maintains cash, cash equivalents and investments with various major financial institutions. The Company performs periodic evaluations of the relative credit standing of these financial institutions. In addition, the Company performs periodic evaluations of the relative credit quality of its investments.

Pharmaceutical companies and academic institutions account for a substantial portion of the Company's trade receivables. The Company provides credit in the normal course of business to its customers and collateral

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

for these receivables is generally not required. The risk associated with this concentration is limited to a certain extent due to the large number of accounts and their geographic dispersion. The Company monitors the creditworthiness of its customers to which it grants credit terms in the normal course of business. The Company maintains reserves for estimated credit losses and, to date, such losses have been within management's expectations.

Customer and Product Line Concentrations

A portion of the Company's revenue is derived from its ALZET mini pump product line, LACTEL biodegradable polymer product line and the sale of certain excipients for REMOXY and another product. In 2015, revenue from the ALZET product line and the LACTEL product line accounted for 36% and 22% of total revenue, respectively. In 2014, revenue from the ALZET product line and the LACTEL product line accounted for 37% and 19% of total revenue, respectively. In 2013, revenue from the ALZET product line and the LACTEL product line accounted for 48% and 26% of total revenue, respectively.

In 2015, Zogenix and Tolmar accounted for 26% and 11% of the Company's total revenues. In 2014, Zogenix and Impax accounted for 23% and 11% of the Company's total revenues. In 2013, Tolmar accounted for 15% of the Company's total revenues.

Total revenue by geographic region for the years 2015, 2014 and 2013 are as follows (in thousands):

	Year ended December 31,		
	2015	2014	2013
United States	$14,289	$15,532	$11,087
Japan	1,897	898	1,104
Europe	1,817	1,986	2,089
Other	1,121	985	1,046
Total	$19,124	$19,401	$15,326

Revenue by geography is determined by the location of the customer.

Inventories

Inventories are stated at the lower of cost or market, with cost determined on a first-in, first-out basis. Inventories, in part, include certain excipients that are sold to a customer and included in products awaiting regulatory approval. These inventories are capitalized based on management's judgment of probable sale prior to their expiration date which in turn is primarily based on non-binding forecasts from our customers as well as management's internal estimates. The valuation of inventory requires management to estimate the value of inventory that may become expired prior to use. The Company may be required to expense previously capitalized inventory costs upon a change in management's judgment, due to, among other potential factors, a denial or delay of approval of a customer's product by the necessary regulatory bodies, or new information that suggests that the inventory will not be saleable. In addition, these circumstances may cause the Company to record a liability related to minimum purchase agreements that the Company has in place for raw materials. In 2014, the Company recorded charges to cost of goods sold of approximately $1.6 million, of which approximately $1.1 million related to the write-down of the cost basis of inventory and $500,000 related to the accrual of a liability for the minimum purchase commitment for the excipients. As of December 31, 2015, the remaining carrying value of the excipients in the Company's inventory was $1.1 million. In addition, the Company has remaining unrecorded future purchase commitments totaling $1.5 million through 2018. In the event that management determines that the Company will not utilize all of these materials, there could be a potential write-off related to this inventory and a reserve for future purchase commitments.

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

The Company's inventories consisted of the following (in thousands):

	December 31,	
	2015	2014
Raw materials	$1,168	$1,242
Work in-process	1,412	1,120
Finished goods	1,337	1,280
Total inventories	$3,917	$3,642

Property and Equipment

Property and equipment are stated at cost less accumulated depreciation, which is computed using the straight-line method over the estimated useful lives of the assets, which range from three to five years. Leasehold improvements are amortized using the straight-line method over the estimated useful lives of the assets, or the terms of the related leases, whichever are shorter.

Acquired Intangible Assets and Goodwill

Acquired intangible assets consist of patents, developed technology, trademarks and customer lists related to the Company's acquisitions accounted for using the purchase method. Amortization of these purchased intangibles is calculated on a straight-line basis over the respective estimated useful lives of the assets ranging from four to seven years. The Company assesses goodwill for impairment at least annually.

Impairment of Long-Lived Assets

The Company reviews long-lived assets, including property and equipment, intangible assets, and other long-term assets, for impairment whenever events or changes in business circumstances indicate that the carrying amount of the assets may not be fully recoverable.

An impairment loss would be recognized when estimated undiscounted future cash flows expected to result from the use of the asset and its eventual disposition is less than its carrying amount. Impairment, if any, is calculated as the amount by which an asset's carrying value exceeds its fair value, typically using discounted cash flows to determine fair value. Through December 31, 2015, there have been no material impairment losses.

Stock-Based Compensation

The Company accounts for share-based payments using a fair-value based method for costs related to all share-based payments, including stock options and stock issued under the Company's employee stock purchase plan (ESPP). The Company estimates the fair value of share-based payment awards on the date of grant using an option-pricing model. See Note 8 for further information regarding stock-based compensation.

Revenue Recognition

Revenue from the sale of products is recognized when there is persuasive evidence that an arrangement exists, the product is shipped and title transfers to customers, provided no continuing obligation on the Company's part exists, the price is fixed or determinable and the collectability of the amounts owed is reasonably assured. The Company enters into license and collaboration agreements under which it may receive upfront

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

license fees, research funding and contingent milestone payments and royalties. The Company's deliverables under these arrangements typically consist of granting licenses to intellectual property rights and providing research and development services. The accounting standards contain a presumption that separate contracts entered into at or near the same time with the same entity or related parties were negotiated as a package and should be evaluated as a single agreement.

For multiple element arrangements entered into prior to January 1, 2011, the Company determined whether the elements had value on a stand-alone basis and whether there was objective and reliable evidence of fair value. When the delivered element did not have stand-alone value or there was insufficient evidence of fair value for the undelivered element(s), the Company recognized the consideration for the combined unit of accounting in the same manner as the revenue was recognized for the final deliverable, which was generally ratably over the longest period of involvement. For example, upfront payments received upon execution of collaborative agreements are recorded as deferred revenue and recognized as collaborative research and development revenue based on a straight-line basis over the period of the Company's continuing involvement with the third-party collaborator pursuant to the applicable agreement. Such period generally represents the longer of the estimated research and development period or other continuing obligation period defined in the respective agreements between the Company and its third-party collaborators. Returns or credits related to the sale of products have not had a material impact on the Company's revenues or net loss.

Research and development revenue related to services performed under the collaborative arrangements with the Company's third-party collaborators is recognized as the related research and development services are performed. These research payments received under each respective agreement are not refundable and are generally based on reimbursement of qualified expenses, as defined in the agreements. Research and development expenses under the collaborative research and development agreements generally approximate or exceed the revenue recognized under such agreements over the term of the respective agreements. Deferred revenue may result when the Company does not expend the required level of effort during a specific period in comparison to funds received under the respective agreement. For joint control and funding development activities, the Company recognizes revenue from the net reimbursement of the research and development expenses from our collaborators and records the net payment of research and development expenses to our collaborators as additional research and development expense.

Milestone payments under collaborative arrangements are triggered either by the results of the Company's research and development efforts or by specified sales results by a third-party collaborator. Milestones related to the Company's development-based activities may include initiation of various phases of clinical trials, successful completion of a phase of development or results from a clinical trial, acceptance of a New Drug Application by the FDA or an equivalent filing with an equivalent regulatory agency in another territory, or regulatory approval by the FDA or by an equivalent regulatory agency in another territory. Due to the uncertainty involved in meeting these development-based milestones, the development-based milestones are considered to be substantial (i.e., not just achieved through passage of time) at the inception of the collaboration agreement. In addition, the amounts of the payments assigned thereto are considered to be commensurate with the enhancement of the value of the delivered intellectual property as a result of the Company's performance. The Company's involvement is necessary to the achievement of development-based milestones. The Company would account for development-based milestones as revenue upon achievement of the substantive milestone events. Milestones related to sales-based activities may be triggered upon events such as the first commercial sale of a product or when sales first achieve a defined level. Under the Company's collaborative agreements, the Company's third-party collaborators will take the lead in commercialization activities and the Company is typically not involved in the achievement of sales-based milestones. These sales-based milestones would be achieved after the completion of the Company's development activities. The Company would account for the sales-based milestones in the same

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

manner as royalties, with revenue recognized upon achievement of the milestone. In addition, upon the achievement of either development-based or sales-based milestone events, the Company has no future performance obligations related to any milestone payments.

Revenue on cost-plus-fee contracts, such as under contracts to perform research and development for others, is recognized as the related services are rendered as determined by the extent of reimbursable costs incurred plus estimated fees thereon.

Research and Development Expenses

Research and development expenses are primarily comprised of salaries and benefits associated with research and development personnel, overhead and facility costs, preclinical and non-clinical development costs, clinical trial and related clinical manufacturing costs, contract services, and other outside costs. Research and development costs are expensed as incurred. Research and development costs paid to third parties under sponsored research agreements are recognized as the related services are performed. In addition, net reimbursements of research and development expenses incurred by the Company's partners are recorded as collaborative research and development revenue. Net payments of research and development expenses to the Company's partners are recorded as an addition to research and development expenses in the period incurred.

Comprehensive Income (Loss)

Accumulated other comprehensive income (loss) as of December 31, 2015, 2014 and 2013 is entirely comprised of unrealized gains or losses on available-for-sale securities.

Segment Reporting

The Company operates in one operating segment, which is the research, development and manufacturing of pharmaceutical products.

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

Net Loss Per Share

Basic net loss per share is calculated by dividing net loss by the weighted-average number of common shares outstanding. Diluted net loss per share is computed using the weighted-average number of common shares outstanding and common stock equivalents (i.e., options and warrants to purchase common stock) outstanding during the period, if dilutive, using the treasury stock method for options and warrants. The numerators and denominators in the calculation of basic and diluted net loss per share were as follows (in thousands except per share amounts):

	Year Ended December 31,		
	2015	2014	2013
Numerators:			
Net loss	$ (22,663)	$ (22,110)	$ (21,452)
Denominators:			
Weighted average shares used to compute basic net loss per share	118,523	111,666	103,078
Effect of dilutive securities:			
Dilution from stock options	—	—	—
Dilution from ESPP	—	—	—
Dilutive common shares	—	—	—
Weighted average shares used to compute basic net loss per share	118,523	111,666	103,078
Net loss per share:			
Basic	$ (0.19)	$ (0.20)	$ (0.21)
Diluted	$ (0.19)	$ (0.20)	$ (0.21)

The computation of diluted net loss per share for the years ended December 31, 2015, 2014 and 2013 excludes the impact of options to purchase 16.5 million, 20.0 million and 19.6 million shares of common stock outstanding, respectively, at December 31, 2015, 2014 and 2013, as such impact would be antidilutive.

Shipping and Handling

Costs related to shipping and handling are included in cost of revenues for all periods presented.

Operating Leases

The Company leases administrative, manufacturing and laboratory facilities under operating leases. Lease agreements may include rent holidays, rent escalation clauses and tenant improvement allowances. The Company recognizes scheduled rent increases on a straight-line basis over the lease term beginning with the date the Company takes possession of the leased space. The Company records tenant improvement allowances as deferred rent liabilities and amortizes the deferred rent over the terms of the lease to rent expense on the statements of operations and comprehensive loss.

Recent Accounting Pronouncements

In May 2014, the Financial Accounting Standards Board (FASB) issued guidance codified in ASC 606, Revenue Recognition—Revenue from Contracts with Customers, which amends the guidance in former ASC 605, Revenue Recognition. The core principle of the guidance is that an entity should recognize revenue when it transfers promised goods or services to customers in an amount that reflects the consideration to which the

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

company expects to be entitled in exchange for those goods or services. The guidance provides companies with two implementation methods. Companies can choose to apply the standard retrospectively to each prior reporting period presented (full retrospective application) or retrospectively with the cumulative effect of initially applying the standard as an adjustment to the opening balance of retained earnings of the annual reporting period that includes the date of initial application (modified retrospective application). The standard was to have been effective for public entities for annual and interim periods beginning after December 15, 2016. In July 2015, the FASB voted to delay the effective date for this guidance. This guidance is effective for the Company in the first quarter of 2018. Early adoption up to the first quarter of 2017 is permitted. The Company is currently evaluating the impact of the provisions of ASC 606.

In August 2014, the FASB issued Accounting Standards Update 2014-15, Presentation of Financial Statements – Going Concern (Subtopic 205-40): Disclosure of Uncertainties about an Entity's Ability to Continue as a Going Concern (ASU 2014-15). This update is intended to define management's responsibility to evaluate whether there is substantial doubt about an organization's ability to continue as a going concern and to provide related footnote disclosures. ASU 2014-15 requires management to assess an entity's ability to continue as a going concern by incorporating and expanding upon certain principles that are currently in U.S. auditing standards. Specifically, the amendments: (1) provide a definition of the term substantial doubt; (2) require an evaluation every reporting period including interim periods; (3) provide principles for considering the mitigating effect of management's plans; (4) require certain disclosures when substantial doubt is alleviated as a result of consideration of management's plans; (5) require an express statement and other disclosures when substantial doubt is not alleviated; and (6) require an assessment for a period of one year after the date that the financial statements are issued (or available to be issued). ASU 2014-15 will be effective for annual periods ending after December 15, 2016 and interim periods within annual periods beginning after December 15, 2016, with early adoption permitted. ASU 2014-15 will be effective for the Company beginning with its annual report for fiscal 2016 and interim periods thereafter. The Company is currently evaluating the impact that ASU 2014-15 will have on its financial statements.

In November 2015, the FASB issued Accounting Standards Update 2015-17(ASU 2015-17), Balance Sheet Classification of Deferred Taxes to simplify the presentation of deferred income taxes. The amendments in this update require that deferred tax liabilities and assets be classified as noncurrent on the balance sheet instead of separating deferred taxes into current and noncurrent amounts. The new guidance will be effective for public business entities in fiscal years beginning after December 15, 2016, including interim periods within those years (i.e., in the first quarter of 2017 for calendar year-end companies). Early adoption is permitted for all entities as of the beginning of an interim or annual reporting period. The guidance may be applied either prospectively, for all deferred tax assets and liabilities, or retrospectively (i.e., by reclassifying the comparative balance sheet). The Company has elected to early adopt ASU 2015-17, on a prospective basis, for the year ended December 31, 2015. Prior periods were not retrospectively adjusted. There is no impact to the balance sheet amounts as a result of early adoption.

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

2. Strategic Agreements

The collaborative research and development and other revenues associated with the Company's major third-party collaborators are as follows (in thousands):

	Year ended December 31,		
	2015	2014	2013
Collaborator			
Zogenix, Inc. (Zogenix) (1)	$4,898	$4,431	$ 918
Pain Therapeutics, Inc. (Pain Therapeutics)	1,385	1,359	750
Santen Pharmaceutical Co. Ltd. (Santen) (2)	824	16	—
Impax Laboratories, Inc. (Impax) (3)	—	2,106	—
Pfizer Inc. (Pfizer)	—	118	42
Others	725	226	1,880
Total collaborative research and development and other revenue	$7,832	$8,256	$3,590

(1) Amounts related to ratable recognition of upfront fees were $255,000 in 2015 and 2014, and $241,000 in 2013.

(2) Amounts related to ratable recognition of upfront fees were $274,000 in 2015, $15,000 in 2014, and zero in 2013, respectively; the Company and Santen signed a license agreement effective December 11, 2014.

(3) Amounts related to recognition of upfront fees were zero in 2015, $2.0 million in 2014 and zero in 2013, respectively; the Company and Impax signed a license agreement effective January 3, 2014.

As of February 18, 2016, the Company had potential milestones of up to $245.5 million that the Company may receive in the future under its collaborative arrangements, of which $77.5 million are development-based milestones and $168.0 million are sales-based milestones. Within the category of development-based milestones, $5.0 million are related to early stage clinical testing (defined as Phase 1 or 2 activities), $12.5 million are related to late stage clinical testing (defined as Phase 3 activities), $20.5 million are related to regulatory filings, and $39.5 million are related to regulatory approvals. No payments were received between December 31, 2015 and February 18, 2016.

Agreement with Pain Therapeutics, Inc.

In December 2002, the Company entered into an exclusive agreement with Pain Therapeutics, Inc. (Pain Therapeutics) to develop and commercialize on a worldwide basis REMOXY and other oral sustained release, abuse deterrent opioid products incorporating four specified opioid drugs, using the ORADUR technology. Total collaborative research and development revenue recognized under the agreements with Pain Therapeutics was $1.4 million in 2015, $1.4 million in 2014, and $750,000 in 2013. In May 2015, Pain Therapeutics sent a letter to the Company that provided the Company with formal written notice that Pain Therapeutics was deleting, effective as of January 12, 2015, the opioid drug hydrocodone (and only hydrocodone) as a licensed product under the agreement. The letter did not alter the terms of the agreement regarding the remaining three licensed products (REMOXY, hydromorphone or oxymorphone) or otherwise amend the agreement. Under the agreement with Pain Therapeutics, subject to and upon the achievement of predetermined development and regulatory milestones for the three drug candidates, the Company is entitled to receive milestone payments of up to $7.2 million in the aggregate. The cumulative aggregate payments received by the Company from Pain Therapeutics as of December 31, 2015 were $38.5 million under this agreement.

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NOTES TO FINANCIAL STATEMENTS—(Continued)

Under the terms of this agreement, Pain Therapeutics paid the Company an upfront license fee of $1.0 million, with the potential for an additional $7.2 million in performance milestone payments based on the successful development and approval of the three ORADUR-based opioids. Of these potential milestones, all $7.2 million are development-based milestones. There are no sales-based milestones under the agreement. As of December 31, 2015, the Company had received $1.7 million in cumulative milestone payments.

In March 2009, King Pharmaceuticals (King) assumed the responsibility for further development of REMOXY from Pain Therapeutics. As a result of this change, the Company continued to perform REMOXY-related activities in accordance with the terms and conditions set forth in the license agreement between the Company and Pain Therapeutics. King was substituted in lieu of Pain Therapeutics with respect to interactions with the Company in its performance of those activities including the obligation to pay the Company with respect to all REMOXY-related costs incurred by the Company. In February 2011, Pfizer acquired King and thereby assumed the rights and obligations of King with respect to REMOXY; accordingly, amounts attributed to King are shown as Pfizer figures. In October 2014, Pfizer notified Pain Therapeutics that Pfizer had decided to discontinue development of REMOXY, and that Pfizer would return all rights, including responsibility for regulatory activities, to Pain Therapeutics and that Pfizer would continue ongoing activities under the agreement until the scheduled termination date in April 2015. In July 2015, Pain Therapeutics stated that it had substantially completed the transition of REMOXY from Pfizer, and that Pain Therapeutics expected to resubmit the NDA in the first quarter of 2016.

Total collaborative research and development revenue recognized for REMOXY-related work performed by the Company for Pfizer was zero, $118,000 and $42,000 for the years ended December 31, 2015, 2014 and 2013, respectively. Total collaborative research and development revenue recognized for REMOXY-related work performed by the Company for Pain Therapeutics was $740,000, zero and zero for the years ended December 31, 2015, 2014 and 2013, respectively. Prior to March 2009 and after November 2014, the Company recognized collaborative research and development revenue for REMOXY-related work under the agreement with Pain Therapeutics. The cumulative aggregate payments received by the Company from Pfizer as of December 31, 2015 were $7.1 million under this agreement.

Long Term Supply Agreement with King (now Pfizer)

In August 2009, the Company signed an exclusive long term excipient supply agreement with respect to REMOXY with King. In February 2011, Pfizer acquired King and thereby assumed the rights and obligations of King with respect to this long term supply agreement. This agreement stipulated the terms and conditions under which the Company would supply to King, based on the Company's manufacturing cost plus a specified percentage mark-up, two key excipients used in the manufacture of REMOXY. The term of the agreement commenced in August 2009 and continued in effect until April 2015, when the related development and license agreement between Pain Therapeutics and King terminated.

In 2015, 2014 and 2013, the Company recognized $96,000, $33,000 and $273,000 of product revenue, respectively, related to key excipients for REMOXY and the associated cost of goods sold was $51,000, zero and $165,000, respectively.

Agreement with Zogenix, Inc.

On July 11, 2011, the Company and Zogenix, Inc., (Zogenix), entered into a Development and License Agreement (the Zogenix Agreement). The Company and Zogenix had previously been working together under a feasibility agreement pursuant to which the Company's research and development costs were reimbursed by Zogenix. Under the Zogenix Agreement, Zogenix will be responsible for the clinical development and

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

commercialization of a proprietary, long-acting injectable formulation of risperidone using the Company's SABER controlled-release formulation technology potentially in combination with Zogenix's DosePro® needle-free, subcutaneous drug delivery system. DURECT will be responsible for non-clinical, formulation and CMC development activities. The Company will be reimbursed by Zogenix for its research and development efforts on the product.

Zogenix paid a non-refundable upfront fee to the Company of $2.25 million in July 2011. The Company's research and development services are considered integral to utilizing the licensed intellectual property and, accordingly, the deliverables are accounted for as a single unit of accounting. The $2.25 million upfront fee is being recognized as collaborative research and development revenue ratably over the term of the Company's continuing research and development involvement with Zogenix with respect to this product candidate. Zogenix is obligated to pay the Company up to $103 million in total future milestone payments with respect to the product subject to and upon the achievement of various developments, regulatory and sales milestones. Of these potential milestones, $28 million are development-based milestones (none of which has been achieved as of December 31, 2015), and $75 million are sales-based milestones (none of which has been achieved as of December 31, 2015). Zogenix is also required to pay a mid single-digit to low double-digit percentage patent royalty on annual net sales of the product determined on a jurisdiction-by-jurisdiction basis. The patent royalty term is equal to the later of the expiration of all DURECT technology patents or joint patent rights in a particular jurisdiction, the expiration of marketing exclusivity rights in such jurisdiction, or 15 years from first commercial sale in such jurisdiction. After the patent royalty term, Zogenix will continue to pay royalties on annual net sales of the product at a reduced rate for so long as Zogenix continues to sell the product in the jurisdiction. Zogenix is also required to pay to the Company a tiered percentage of fees received in connection with any sublicense of the licensed rights.

The Company granted to Zogenix an exclusive worldwide license, with sub-license rights, to the Company's intellectual property rights related to the Company's proprietary polymeric and non-polymeric controlled-release formulation technology to make and have made, use, offer for sale, sell and import risperidone products, where risperidone is the sole active agent, for administration by injection in the treatment of schizophrenia, bipolar disorder or other psychiatric related disorders in humans. The Company retains the right to supply Zogenix's Phase III clinical trial and commercial product requirements on the terms set forth in the Zogenix Agreement. Zogenix may terminate the Zogenix Agreement without cause at any time upon prior written notice, and either party may terminate the Zogenix Agreement upon certain circumstances including written notice of a material uncured breach.

The following table provides a summary of collaborative research and development revenue recognized under the agreements with Zogenix (in thousands). The cumulative aggregate payments received by the Company as of December 31, 2015 were $19.3 million under these agreements.

	Year Ended December 31,		
	2015	2014	2013
Ratable recognition of upfront payment	$ 255	$ 255	$241
Research and development expenses reimbursable by Zogenix	4,643	4,176	677
Total collaborative research and development revenue	$4,898	$4,431	$918

Agreement with Impax Laboratories, Inc.

On January 3, 2014, the Company and Impax Laboratories, Inc. (Impax) entered into a definitive agreement (the Impax Agreement). Pursuant to the Impax Agreement, the Company granted Impax an exclusive worldwide

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

license to the Company's proprietary TRANSDUR transdermal delivery technology and other intellectual property to develop and commercialize ELADUR, the Company's investigational transdermal bupivacaine patch for the treatment of pain associated with post-herpetic neuralgia (PHN), in addition to selling certain assets and rights in and related to the product. Impax will control and fund the development and commercialization programs, and the parties established a joint management committee to oversee, review and coordinate the development and commercialization activities of the parties under the Impax Agreement. Impax will reimburse the Company for certain future research and development it may be requested to conduct on the product.

In connection with the Impax Agreement, Impax paid a non-refundable upfront fee to the Company of $2.0 million in January 2014. The Company's technology transfer activities were considered integral to utilizing the licensed intellectual property and, accordingly, the deliverables were accounted for as a single unit of accounting. The $2.0 million upfront fee was recognized as collaborative research and development revenue in the first quarter of 2014 when the license to the intellectual property right was delivered and the technology transfer with respect to this product candidate was completed. Impax agreed to make contingent cash payments to the Company of up to $61.0 million payable based upon the achievement of predefined milestones, of which $31.0 million are development-based milestones and $30.0 million are sales-based milestones (none of which has been achieved as of December 31, 2015). Since the milestones are expected to be achieved at a point in time when there are no performance obligations or remaining deliverables of the Company, the milestones are expected to be recognized in full upon achievement. Upon the first commercialization of ELADUR by Impax, the Company would also receive a tiered mid single-digit to low double-digit royalty on annual net product sales determined on a country-by-country basis. Impax is also required to pay to the Company a percentage of fees received in connection with any sublicense of the licensed rights. Impax may terminate the Impax Agreement without cause at any time upon prior written notice, and either party may terminate the Impax Agreement upon certain circumstances including written notice of a material uncured breach.

The following table provides a summary of collaborative research and development revenue recognized under the Impax Agreement (in thousands). The cumulative aggregate payments received by the Company as of December 31, 2015 were $2.1 million under the agreement.

	Year Ended December 31,		
	2015	2014	2013
Ratable recognition of upfront payment	$—	$2,000	$—
Research and development expenses reimbursable by Impax	—	106	—
Total collaborative research and development revenue	$—	$2,106	$—

Agreement with Santen Pharmaceutical Co., Ltd.

On December 11, 2014, the Company and Santen Pharmaceutical Co., Ltd. (Santen) entered into a definitive agreement (the Santen Agreement). Pursuant to the Santen Agreement, the Company granted Santen an exclusive worldwide license to the Company's proprietary SABER formulation platform and other intellectual property to develop and commercialize a sustained release product utilizing the Company's SABER technology to deliver an ophthalmology drug. Santen controls and funds the development and commercialization program, and the parties established a joint management committee to oversee, review and coordinate the development activities of the parties under the Santen Agreement.

In connection with the Santen agreement, Santen agreed to pay the Company an upfront fee of $2.0 million in cash and to make contingent cash payments to the Company of up to $76.0 million upon the achievement of certain milestones, of which $13.0 million are development-based milestones and $63.0 million are

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NOTES TO FINANCIAL STATEMENTS—(Continued)

commercialization-based milestones including milestones requiring the achievement of certain product sales targets (none of which has been achieved as of December 31, 2015). Santen will also pay for certain Company costs incurred in the development of the licensed product. If the product is commercialized, the Company would also receive a tiered royalty on annual net product sales ranging from single-digit to the low double digits, determined on a country-by-country basis. As of December 31, 2015, the cumulative aggregate payments received by the Company under this agreement were $2.4 million.

The following table provides a summary of collaborative research and development revenue recognized under the Santen Agreement (in thousands).

	Year Ended December 31,		
	2015	2014	2013
Ratable recognition of upfront payment	$ 274	$ 15	$ —
Research and development expenses reimbursable by Santen	550	1	—
Total collaborative research and development revenue	$ 824	$ 16	$ —

3. Intangible Assets and Goodwill

Intangible assets recorded in connection with the Company's acquisitions consist of developed technology, patents and certain other intangible assets.

The intangible assets were being amortized on a straight-line basis over estimated useful lives ranging from four to seven years. The net amount of intangible assets at December 31, 2015 and 2014 was zero.

Goodwill totaled $6.4 million at December 31, 2015. The Company evaluates goodwill for impairment at least annually. In 2015, 2014 and 2013 goodwill was evaluated and no indicators of impairment were noted. Should goodwill become impaired, the Company may be required to record an impairment charge. To date, the Company has not recorded any impairment charge to goodwill.

4. Financial Instruments

Fair value is defined as the exchange price that would be received for an asset or paid to transfer a liability (an exit price) in the principal or most advantageous market for the asset or liability in an orderly transaction between market participants on the measurement date. The Company's valuation techniques used to measure fair value maximize the use of observable inputs and minimize the use of unobservable inputs. The Company follows a fair value hierarchy based on three levels of inputs, of which the first two are considered observable and the last unobservable, that may be used to measure fair value. These levels of inputs are the following:

- Level 1—Quoted prices in active markets for identical assets or liabilities.
- Level 2—Inputs other than Level 1 that are observable, either directly or indirectly, 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 for substantially the full term of the assets or liabilities.
- Level 3—Unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

The Company's financial instruments are valued using quoted prices in active markets or based upon other observable inputs. The following table sets forth the fair value of the Company's financial assets that were measured at fair value on a recurring basis as of December 31, 2015 (in thousands):

	Level 1	Level 2	Level 3	Total
Money market funds	$ 81	$ —	$ —	$ 81
Certificates of deposit	—	250	—	250
Commercial paper	—	898	—	898
Corporate debt	—	5,211	—	5,211
U.S. Government agencies	—	19,548	—	19,548
Total	$ 81	$25,907	$ —	$25,988

The following table sets forth the fair value of our financial assets that were measured at fair value on a recurring basis as of December 31, 2014 (in thousands):

	Level 1	Level 2	Level 3	Total
Money market funds	$1,558	$ —	$ —	$ 1,558
Certificates of deposit	—	350	—	350
Marketable equity security	155	—	—	155
Commercial paper	—	1,250	—	1,250
Corporate debt	—	7,740	—	7,740
U.S. Government agencies	—	22,675	—	22,675
Total	$1,713	$32,015	$ —	$33,728

The fair value of the Level 2 assets is estimated using pricing models using current observable market information for similar securities. The Company's Level 2 investments include U.S. government-backed securities and corporate securities that are valued based upon observable inputs that may include benchmark yields, reported trades, broker/dealer quotes, issuer spreads, two-sided markets, benchmark securities, bids, offers and reference data including market research publications. The fair value of commercial paper is based upon the time to maturity and discounted using the three-month treasury bill rate. The average remaining maturity of the Company's Level 2 investments as of December 31, 2015 is less than twelve months and these investments are rated by S&P and Moody's at AAA or AA- for securities and A1 or P1 for commercial paper.

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

The following is a summary of available-for-sale securities as of December 31, 2015 and 2014 (in thousands):

	December 31, 2015			
	Amortized Cost	Unrealized Gain	Unrealized Loss	Estimated Fair Value
Money market funds	$ 81	$ —	$ —	$ 81
Certificates of deposit	250	—	—	250
Commercial paper	898	—	—	898
Corporate debt	5,215	1	(5)	5,211
U.S. Government agencies	19,558	1	(11)	19,548
	$26,002	$ 2	$ (16)	$25,988
Reported as:				
Cash and cash equivalents	$ 281	$ —	$ —	$ 281
Short-term investments	25,471	2	(16)	25,457
Long-term restricted investments	250	—	—	250
	$26,002	$ 2	$ (16)	$25,988

	December 31, 2014			
	Amortized Cost	Unrealized Gain	Unrealized Loss	Estimated Fair Value
Money market funds	$ 1,558	$ —	$ —	$ 1,558
Certificates of deposit	350	—	—	350
Marketable equity security	—	155	—	155
Commercial paper	1,250	—	—	1,250
Corporate debt	7,744	—	(4)	7,740
U.S. Government agencies	22,678	2	(5)	22,675
	$33,580	$ 157	$ (9)	$33,728
Reported as:				
Cash and cash equivalents	$ 1,558	$ —	$ —	$ 1,558
Short-term investments	29,867	157	(8)	30,016
Long-term investments	1,805	—	(1)	1,804
Long-term restricted investments	350	—	—	350
	$33,580	$ 157	$ (9)	$33,728

The following is a summary of the cost and estimated fair value of available-for-sale securities at December 31, 2015, by contractual maturity (in thousands):

	December 31, 2015	
	Amortized Cost	Estimated Fair Value
Mature in one year or less	$25,921	$25,907
Mature after one year through five years	—	—
	$25,921	$25,907

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

There were no securities that have had an unrealized loss for more than 12 months as of December 31, 2015.

As of December 31, 2015, unrealized losses on available-for-sale investments are not attributed to credit risk and are considered to be temporary. The Company believes that it is more-likely-than-not that investments in an unrealized loss position will be held until maturity or the recovery of the cost basis of the investment. To date, the Company has not recorded any impairment charges on marketable securities related to other-than-temporary declines in market value.

5. Property and Equipment

Property and equipment consist of the following (in thousands):

	December 31,	
	2015	2014
Equipment	$ 12,372	$ 12,161
Leasehold improvement	9,987	9,968
Construction-in-progress	178	227
	22,537	22,356
Less accumulated depreciation and amortization	(20,971)	(20,607)
Property and equipment, net	$ 1,566	$ 1,749

Depreciation expense was $425,000, $582,000 and $541,000 in 2015, 2014 and 2013, respectively. Amortization expense was $1,000, $17,000 and $9,000 in 2015, 2014 and 2013 for assets held under capital leases, respectively.

As of December 31, 2015, the Company has recorded $669,500 as a liability which was included in other long-term liabilities on its balance sheet for asset retirement obligations associated with the estimated restoration cost for its leased buildings.

6. Restricted Investments

As of December 31, 2015 and 2014, the Company had $250,000 and $350,000, respectively, recorded as restricted investments, which primarily served as collateral for letters of credit securing its leased facilities in Alabama and California.

7. Commitments

Operating Leases

The Company has lease arrangements for its facilities in California and Alabama. Under these leases, the Company is required to pay certain maintenance expenses in addition to monthly rent. Rent expense is recognized on a straight-line basis over the lease term for leases that have scheduled rental payment increases. Rent expense under all operating leases was $1.9 million, $1.8 million, and $1.5 million, for the years ended December 31, 2015, 2014 and 2013, respectively.

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

Future minimum payments under these noncancelable leases are as follows (in thousands):

Year ending December 31,	Operating Leases
2016	$ 1,970
2017	2,000
2018	1,948
2019	539
Thereafter	518
	$ 6,975

Other Purchase Commitments

In 2005, the Company entered into a supply agreement with a vendor. The remaining minimum purchase commitments under this agreement are $500,000 per year through 2018. The Company accrued $500,000 as a loss on a purchase obligation and recorded this amount as a charge in cost of goods of sold in the statement of operations and comprehensive income (loss) for the year ended December 31, 2014.

8. Long-Term Debt

On June 26, 2014, the Company entered into a Loan and Security Agreement (the "Loan Agreement") with Oxford Finance LLC, pursuant to which Oxford provided a $20 million secured single-draw term loan to the Company with a maturity date of July 1, 2018. The term loan was fully drawn at close and the proceeds are to be used for working capital and general business requirements. The term loan repayment schedule provides for interest only payments for the first 18 months, followed by consecutive equal monthly payments of principal and interest in arrears starting on February 1, 2016 and continuing through the maturity date. The Loan Agreement provides for a 7.95% interest rate on the term loan, a $150,000 facility fee that was paid at closing and an additional payment equal to 8% of the principal amount of the term loan, which is due when the term loan becomes due or upon the prepayment of the facility. If the Company elects to prepay the loan, there is also a prepayment fee between 1% and 3% of the principal amount of the term loan depending on the timing and circumstances of prepayment.

In connection with the term loan, the Company received proceeds of $19.8 million, net of debt offering/issuance costs. The debt offering/issuance costs have been recorded as debt discount on the Company's balance sheet which together with the final $1.6 million payment and fixed interest rate payments will be amortized to interest expense throughout the life of the term loan using the effective interest rate method.

The term loan is secured by substantially all of the assets of the Company, except that the collateral does not include any intellectual property (including licensing, collaboration and similar agreements relating thereto), and certain other excluded assets. The Loan Agreement contains customary representations, warranties and covenants by the Company, which covenants limit the Company's ability to convey, sell, lease, transfer, assign or otherwise dispose of certain assets of the Company; engage in any business other than the businesses currently engaged in by the Company or reasonably related thereto; liquidate or dissolve; make certain management changes; undergo certain change of control events; create, incur, assume, or be liable with respect to certain indebtedness; grant certain liens; pay dividends and make certain other restricted payments; make certain investments; and make payments on any subordinated debt.

The Loan Agreement also contains customary indemnification obligations and customary events of default, including, among other things, our failure to fulfill certain obligations of the Company under the Loan

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

Agreement and the occurrence of a material adverse change which is defined as a material adverse change in the Company's business, operations, or condition (financial or otherwise), a material impairment of the prospect of repayment of any portion of the loan, or a material impairment in the perfection or priority of lender's lien in the collateral or in the value of such collateral. In the event of default by the Company under the Loan Agreement, the lender would be entitled to exercise its remedies thereunder, including the right to accelerate the debt, upon which the Company may be required to repay all amounts then outstanding under the Loan Agreement, which could harm the Company's financial condition. The conditionally exercisable call option related to the event of default is considered to be an embedded derivative which is required to be bifurcated and accounted for as a separate financial instrument. In the periods presented, the value of the embedded derivative is not material, but could become material in future periods if an event of default became more probable than is currently estimated.

In July 2015, the Company and Oxford Finance entered into the First Amendment of the Loan Agreement and modified the terms to the Loan Agreement to change the maturity date from July 1, 2018 to July 1, 2019 and to change the first principal payment date from February 1, 2016 to February 1, 2017. The interest rate remains unchanged, the Company paid a loan modification fee of $240,000 and the additional payment originally equal to 8% of the principal amount of the term loan, which is due when the term loan becomes due or upon the prepayment of the facility, was increased to 10%.

As of December 31, 2015, the Company was in compliance with all material covenants under the Loan Agreement and there had been no material adverse change.

The fair value of the term loan approximates the carrying value. Future maturities and interest payments under the term loan as of December 31, 2015, are as follows (in thousands):

2016	$ 1,590
2017	8,848
2018	8,848
2019	6,423
Total minimum payments	25,709
Less amount representing interest	(5,709)
Gross balance of long-term debt	20,000
Less unamortized debt discount	(316)
Carrying value of long-term debt	19,684
Less current portion of long-term debt	—
Long-term debt, less current portion and unamortized debt discount	$19,684

9. Stockholders' Equity

Common Stock

In December 2013, the Company filed a shelf registration statement on Form S-3 with the SEC, which upon being declared effective in January 2014, allowed for the offer of up to $100.9 million of securities from time to time in one or more public offerings of common stock. In addition, the Company entered into a Controlled Equity Offering sales agreement with Cantor Fitzgerald & Co., (Cantor Fitzgerald), under which it may sell, subject to certain limitations, up to $25 million of common stock through Cantor Fitzgerald, acting as agent. In November 2015, we filed a new shelf registration statement on Form S-3 with the SEC, which upon being declared effective in November 2015, terminated the December 2013 registration statement and allowed us to

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

offer up to $125.0 million of securities from time to time in one or more public offerings of our common stock. In addition, we entered into a Controlled Equity Offering sales agreement with Cantor Fitzgerald & Co., (Cantor Fitzgerald), under which we may sell, subject to certain limitations, up to $40 million of common stock through Cantor Fitzgerald, acting as agent.

During 2014, we raised net proceeds (net of commissions) of approximately $4.7 million from the sale of 2,907,664 shares of common stock in the open market through the December 2013 agreement with Cantor Fitzgerald at a weighted average price of $1.65 per share. In 2015, we raised net proceeds (net of commissions) of approximately $14.3 million from the sale of 7,066.607 shares of our common stock in the open market through the agreements with Cantor Fitzgerald at a weighted average price of $2.09 per share.

Description of Stock-Based Compensation Plans

2000 Stock Plan (Incentive Stock Plan)

In January 2000, the Company's Board of Directors and stockholders adopted the DURECT Corporation 2000 Stock Plan, under which incentive stock options and non-statutory stock options and stock purchase rights may be granted to employees, consultants and non-employee directors. The 2000 Stock Plan was amended by written consent of the Board of Directors in March 2000 and written consent of the stockholders in August 2000.

In April 2005, the Board of Directors approved certain amendments to the 2000 Stock Plan. At the Company's annual stockholders meeting in June 2005, the stockholders approved the amendments of the 2000 Stock Plan to: (i) expand the types of awards that the Company may grant to eligible service providers under the Stock Plan to include restricted stock units, stock appreciation rights and other similar types of awards (including other awards under which recipients are not required to pay any purchase or exercise price) as well as cash awards; and (ii) include certain performance criteria that may be applied to awards granted under the Stock Plan.

In April 2010, the Board of Directors approved certain amendments to the 2000 Stock Plan. At the Company's annual stockholders meeting in June 2010, the stockholders approved the amendments of the 2000 Stock Plan to: (i) provide that the number of shares that remain available for issuance will be reduced by two shares for each share issued pursuant to an award (other than an option or stock appreciation right) granted on or after the date of the 2010 Annual Meeting; (ii) expand the types of transactions that might be considered repricings and option exchanges for which stockholder approval is required; (iii) provide that shares tendered or withheld in payment of the exercise price of an option or withheld to satisfy a withholding obligation, and all shares with respect to which a stock appreciation right is exercised, will not again be available for issuance under the Stock Plan; (iv) require that options and stock appreciation rights have an exercise price or base appreciation amount that is at least fair market value on the grant date, except in connection with certain corporate transactions, and that stock appreciation rights may not have longer than a 10-year term; (v) add new performance goals that may be used to provide "performance-based compensation" under the 2000 Stock Plan; (vi) extend the term of the 2000 Stock Plan to the date that is ten (10) years following the stockholders meeting; and (vii) expand the treatment of outstanding awards in connection with certain changes of control of the Company to cover mergers in which the consideration payable to stockholders is not solely securities of the successor corporation.

In March 2011, the Board of Directors approved an amendment to the 2000 Stock Plan. At the Company's annual stockholders meeting in June 2011, the stockholders approved the amendment of the 2000 Stock Plan to increase the number of shares of the Company's common stock available for issuance by 5,500,000 shares. A total of 29,294,260 shares of common stock have been reserved for issuance under this plan. The plan expires in June 2020.

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

In April 2013, the Board of Directors approved certain amendments to the 2000 Stock Plan to: (i) increase the number of stock options granted to a non-employee director on the date which such person first becomes a director from 30,000 to 70,000 shares of common stock; each option shall have a ten-year term, become exercisable in installments of one-third of the total number of options granted on each anniversary of the grant and have a two-year period following termination of Director status in which the former director can exercise the option; (ii) modify the exercise period for future option grants to a non-employee director in which a former director can exercise the option following termination of Director status from a one year period to a two-year period.

Options granted under the 2000 Stock Plan expire no later than ten years from the date of grant. Options may be granted with different vesting terms from time to time not to exceed five years from the date of grant. The option price of an incentive stock option granted to an employee or of a nonstatutory stock option granted to any person who owns stock representing more than 10% of the total combined voting power of all classes of stock of the Company (or any parent or subsidiary) shall be no less than 110% of the fair market value per share on the date of grant. The option price of an incentive stock option granted to any other employee shall be no less than 100% of the fair market value per share on the date of grant.

As of December 31, 2015, 2,405,807 shares of common stock were available for future grant and options to purchase 26,888,453 shares of common stock were outstanding under the 2000 Stock Plan.

2000 Directors' Stock Option Plan

In March 2000, the Board of Directors adopted the 2000 Directors' Stock Option Plan. A total of 300,000 shares of common stock had been reserved initially for issuance under this plan. The directors' plan provides that each person who becomes a non-employee director of the Company after the effective date of the Company's initial public offering will be granted a non-statutory stock option to purchase 20,000 shares of common stock on the date on which the optionee first becomes a non-employee director of the Company. This plan also provides that each option granted to a new director shall vest at the rate of 33 1/3% per year and each annual option of 5,000 shares shall vest in full at the end of one year.

At the Company's annual stockholders meeting in June 2002, the stockholders approved an amendment of the 2000 Directors' Stock Option Plan to: (i) increase the number of stock options granted to a non-employee director on the date which such person first becomes a director from 20,000 to 30,000 shares of common stock; (ii) increase the number of stock options granted to each non-employee director on the date of each annual meeting of the stockholders after which the director remains on the Board from 5,000 to 12,000 shares of common stock; and (iii) reserve 200,000 additional shares of common stock for issuance under the 2000 Directors' Stock Option Plan so that the total number of shares reserved for issuance is 500,000.

In April 2005, the Board of Directors approved certain amendments to the 2000 Directors' Stock Option Plan. At the Company's annual stockholders meeting in June 2005, the stockholders approved the amendments of the 2000 Directors' Stock Option Plan to: (i) increase the number of shares of common stock issuable under the Director's Plan by an additional 425,000 shares, to an aggregate of 925,000 shares; (ii) increase the number of option shares issued to nonemployee directors annually in connection with their continued service on the Board from 12,000 shares to 20,000 shares; and (iii) modify the vesting of such annual option grants so that such shares vest completely on the day before the first anniversary of the date of grant. The plan expired in September 2010. Awards to our non-employee directors have been granted under the 2000 Stock Plan following that date.

As of December 31, 2015, no shares of common stock were available for future grant and options to purchase 410,000 shares of common stock were outstanding under the 2000 Director's Stock Option Plan.

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

2000 Employee Stock Purchase Plan

In August 2000, the Company adopted the 2000 Employee Stock Purchase Plan. This purchase plan is implemented by a series of overlapping offering periods of approximately 24 months' duration, with new offering periods, other than the first offering period, beginning on May 1 and November 1 of each year and ending April 30 and October 31, respectively, two years later. The purchase plan allows eligible employees to purchase common stock through payroll deductions at a price equal to the lower of 85% of the fair market value of the Company's common stock at the beginning of each offering period or at the end of each purchase period. The initial offering period commenced on the effectiveness of the Company's initial public offering.

In April 2010, the Board of Directors approved certain amendments to the 2000 Employee Stock Purchase Plan. At the Company's annual stockholders meeting in June 2010, the stockholders approved the amendments of the 2000 Employee Stock Purchase Plan to: (i) increase the number of shares of our common stock authorized for issuance under the ESPP by 250,000 shares; (ii) extend the term of the ESPP to the date that is ten (10) years following the stockholders meeting; (iii) provide for six-month consecutive offering periods beginning on November 1, 2010; (iv) revise certain provisions to reflect the final regulations issued under Section 423 of the Code by the Internal Revenue Service; and (v) provide for the cash-out of options outstanding under an offering period in effect prior to the consummation of certain corporate transactions as an alternative to providing for a final purchase under such offering period.

In March 2015, the Board of Directors approved certain amendments to the 2000 Employee Stock Purchase Plan. At the Company's annual stockholders meeting in June 2015, the stockholders approved the amendments of the 2000 Employee Stock Purchase Plan to: (i) increase the number of shares of our common stock authorized for issuance under the ESPP by 350,000 shares; and (ii) extend the term of the ESPP to the date that is ten (10) years following the stockholders meeting.

The plan expires in June 2025. A total of 2,550,000 shares of common stock have been reserved for issuance under this plan. As of December 31, 2015, 366,340 shares of common stock were available for future grant and 2,183,660 shares of common stock have been issued under the 2000 Employee Stock Purchase Plan.

As of December 31, 2015, shares of common stock reserved for future issuance consisted of the following:

	December 31, 2015
Stock options outstanding	27,298,453
Stock options available for grant	2,405,807
Employee Stock Purchase Plan	366,340
	30,070,600

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

A summary of stock option activity under all stock-based compensation plans is as follows:

	Number of Options	Weighted Average Exercise Price Per Share	Weighted Average Remaining Contractual Term (in Years)	Aggregate Intrinsic Value (in millions)
Outstanding at December 31, 2012	20,902,156	$ 3.07	5.41	$ —
Options granted	4,592,849	$ 1.21		
Options exercised	(187,014)	$ 1.01		
Options forfeited	(94,055)	$ 1.38		
Options expired	(1,517,352)	$ 3.17		
Outstanding at December 31, 2013	23,696,584	$ 2.73	5.45	$ 5.2
Options granted	3,747,428	$ 1.94		
Options exercised	(300,602)	$ 0.99		
Options forfeited	(144,611)	$ 1.50		
Options expired	(2,758,960)	$ 2.95		
Outstanding at December 31, 2014	24,239,839	$ 2.61	5.72	$ —
Options granted	4,299,290	$ 1.09		
Options exercised	(925,636)	$ 1.13		
Options forfeited	(15,990)	$ 1.34		
Options expired	(299,050)	$ 3.58		
Outstanding at December 31, 2015	27,298,453	$ 2.41	5.39	$ 13.5
Exercisable at December 31, 2015	23,222,277	$ 2.59	4.86	$ 10.1
Vested and expected to vest at December 31, 2015	27,028,688	$ 2.42	5.36	$ 13.2

The aggregate intrinsic value in the table above represents the total intrinsic value (i.e., the difference between the Company's closing stock price on the last trading day of 2015 and the exercise price, multiplied by the number of in-the-money options) that would have been received by the option holders had all option holders exercised their options on December 31, 2015. This amount changes based on the fair market value of the Company's common stock. The total intrinsic value of options exercised was $985,000, $178,000, and $77,000 for the years ended December 31, 2015, 2014 and 2013, respectively.

In January 2015, January 2014 and February 2013, the Company granted its employees stock options to purchase $1.5 million, 966,000, and 1.7 million shares, respectively, of the Company's common stock, which vested immediately on the grant date. The weighted-average grant-date fair value of all options granted with exercise prices equal to fair market value was $0.65 in 2015, $1.53 in 2014 and $0.85 in 2013 determined by the Black-Scholes option valuation method. There were no options granted with exercise prices lower than fair market value in 2015, 2014 and 2013.

Expenses for non-employee stock options are recorded over the vesting period of the options, with the value determined by the Black-Scholes option valuation method and remeasured over the vesting term.

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

As of December 31, 2015, the Company had three stock-based equity compensation plans, which are described above. The employee stock-based compensation cost that has been included in the statements of operations and comprehensive loss is shown as below (in thousands):

	Year ended December 31,		
	2015	2014	2013
Cost of product revenues	$ 108	$ 149	$ 170
Research and development	1,400	1,697	1,999
Selling, general and administrative	1,152	1,234	1,257
	$2,660	$3,080	$3,426

Because the Company had a net operating loss carryforward as of December 31, 2015, no excess tax benefits for the tax deductions related to stock-based compensation expense were recognized in the statement of operations. Additionally, no incremental tax benefits were recognized from stock options exercised during 2015, which would have resulted in a reclassification to reduce net cash provided by operating activities with an offsetting increase in net cash provided by financing activities.

Determining Fair Value

Valuation and Expense Recognition. The Company estimates the fair value of stock options granted using the Black-Scholes option valuation model. The Company recognizes the expense on a straight-line basis. The expense for options is recognized over the requisite service periods of the awards, which is generally the vesting period.

Expected Term. The expected term of options granted represents the period of time that the options are expected to be outstanding. The Company determines the expected life using historical options experience. This develops the expected life by taking the weighted average of the actual life of options exercised and cancelled and assumes that outstanding options are exercised uniformly from the current holding period through the end of the contractual life.

Expected Volatility. The Company estimates the volatility of its common stock at the date of grant based on the historical volatility of the Company's common stock.

Risk-Free Rate. The Company bases the risk-free rate that it uses in the Black-Scholes option valuation model on the implied yield in effect at the time of option grant on U.S. Treasury zero-coupon issues with substantially equivalent remaining terms.

Dividends. The Company has never paid any cash dividends on its common stock and the Company does not anticipate paying any cash dividends in the foreseeable future. Consequently, the Company uses an expected dividend yield of zero in the Black-Scholes option valuation model.

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

The Company used the following assumptions to estimate the fair value of options granted (including fully vested options issued in January 2015 and 2014, and February 2013) and shares purchased under its stock plans and employee stock purchase plan for the years ended December 31, 2015, 2014 and 2013:

	Year ended December 31,		
	2015	2014	2013
Stock Options			
Risk-free rate	1.5-2.4%	1.9-2.8%	0.9-2.9%
Expected dividend yield	—	—	—
Expected term (in years)	6.5-10.0	6.5-10.0	5.3-10.0
Volatility	78-85%	76-85%	77-86%
Forfeiture rate	6.0%	7.2%	8.4%

	Year ended December 31,		
	2015	2014	2013
Employee Stock Purchase Plan			
Risk-free rate	0.1-0.3%	0.1%	0.1-0.2%
Expected dividend yield	—	—	—
Expected term (in years)	0.5	0.5	0.5
Volatility	68-95%	60-81%	64-81%

There were 113,625, 115,412 and 128,433 shares purchased under the Company's employee stock purchase plan during the years ended December 31, 2015, 2014 and 2013, respectively. Included in the statement of operations and comprehensive loss for the year ended December 31, 2015, 2014 and 2013 was $62,000, $43,000 and $56,000, respectively, in stock-based compensation expense related to the recognition of expenses related to shares purchased under the Company's employee stock purchase plan.

As of December 31, 2015, $3.5 million of total unrecognized compensation costs related to nonvested stock options is expected to be recognized over the respective vesting terms of each award through 2018. The weighted average term of the unrecognized stock-based compensation expense is 2.1 years.

The following table summarizes information about stock options outstanding at December 31, 2015:

	Options Outstanding			Options Exercisable	
Range of Exercise Price	Number of Options Outstanding	Weighted-Average Remaining Contractual Life (In years)	Weighted-Average Exercise Price	Number of Options Exercisable	Weighted-Average Exercise Price
$0.73 – 0.87	2,494,482	6.18	$ 0.78	2,346,554	$ 0.78
$0.88 – 0.88	3,235,932	9.02	$ 0.88	1,631,647	$ 0.88
$1.00 – 1.20	388,855	7.63	$ 1.08	310,292	$ 1.10
$1.21 – 1.21	3,537,417	7.09	$ 1.21	3,015,494	$ 1.21
$1.24 – 1.93	1,436,463	8.16	$ 1.46	1,033,358	$ 1.46
$2.09 – 2.09	3,956,166	6.73	$ 2.09	2,949,018	$ 2.09
$2.13 – 2.77	2,739,429	4.32	$ 2.22	2,636,205	$ 2.21
$2.80 – 3.26	4,166,269	4.38	$ 3.16	3,956,269	$ 3.18
$3.29 – 5.27	3,695,694	0.81	$ 4.59	3,695,694	$ 4.59
$5.38 – 6.32	1,647,746	1.92	$ 5.91	1,647,746	$ 5.91
$0.73 – 6.32	27,298,453	5.39	$ 2.41	23,222,277	$ 2.59

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

The Company received $1.0 million, $299,000 and $188,000 in cash from option exercises under all stock-based compensation plans for the years ended December 31, 2015, 2014 and 2013, respectively.

10. Income Taxes

The Company accounts for income taxes using the liability method under ASC 740, *Income Taxes*. Under this method, deferred tax assets and liabilities are determined based on temporary differences resulting from the different treatment of items for tax and financial reporting purposes. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to reverse. Additionally, the Company must assess the likelihood that deferred tax assets will be recovered as deductions from future taxable income. The Company has provided a full valuation allowance on the Company's deferred tax assets because the Company believes it is more likely than not that its deferred tax assets will not be realized. The Company evaluates the realizability of its deferred tax assets on a quarterly basis. The Company recorded a deferred tax liability of $397,000 and $405,000 on its balance sheet at December 31, 2015 and 2014, respectively, that arose from tax amortization of an indefinitely-lived intangible asset. The Company also recorded a deferred tax benefit of $8,000, a tax provision of $85,000 and $320,000 related to the deferred tax liability in the years ended December 31, 2015, 2014, and 2013, respectively. In addition, the Company recorded an income tax expense of $61,000 in 2015, related to the reversing tax benefit on the unrealized gain on a marketable equity security which was recorded in the year ended December 31, 2014.

The reconciliation of income tax expenses (benefit) at the statutory federal income tax rate of 34% to net income tax benefit included in the statements of operations and comprehensive loss for the years ended December 31, 2015, 2014 and 2013 is as follows (in thousands):

	Year Ended December 31,		
	2015	2014	2013
U.S. federal taxes provision (benefit) at statutory rate	$(7,681)	$(7,502)	$(7,184)
State taxes	—	—	—
Change in valuation allowance	7,725	6,854	9,517
Stock-based compensation	530	1,139	375
Change in deferreds	56	(2)	(1,718)
Other	(577)	(465)	(670)
Total income tax provision	$ 53	$ 24	$ 320

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

In 2015, 2014 and 2013, total income tax provision expense was $53,000, $24,000 and $320,000, respectively. The Company has presented the $53,000, $24,000 and $320,000 of deferred income tax provision in interest and other income (expenses) in its statements of operation and comprehensive income (loss). Deferred tax assets and liabilities reflect the net tax effects of net operating loss and research and other credit carryforwards and the temporary differences between the carrying amounts of assets and liabilities for financial reporting and the amounts used for income tax purposes. Significant components of the Company's deferred tax assets and liabilities are as follows (in thousands):

	December 31,	
	2015	2014
Deferred tax assets:		
Net operating loss carryforwards	$ 111,696	$ 105,609
Research and other credits	12,001	10,995
Capitalized research and development expenses	132	456
Deferred revenue	1,045	516
Stock-based compensation	9,605	9,402
Other	3,645	3,967
Total deferred tax assets	138,124	130,945
Valuation allowance for deferred tax assets	(138,124)	(130,945)
Deferred tax liabilities—Intangibles	(397)	(405)
Net deferred tax assets and liabilities	$ (397)	$ (405)

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 increased by $7.2, $8.9 million, and $11.7 million during 2015, 2014 and 2013, respectively.

As of December 31, 2015, the Company had net operating loss carryforwards for federal income tax purposes of approximately $295.6 million, which expire in the years 2019 through 2035, and federal research and development tax credits of approximately $9.9 million which expire at various dates beginning in 2018 through 2035, if not utilized.

As of December 31, 2015, the Company had net operating loss carryforwards for state income tax purposes of approximately $211.3 million, which expire in the years 2015 through 2035, if not utilized, and state research and development tax credits of approximately $10.8 million, which do not expire.

Utilization of the net operating losses may be subject to a substantial annual limitation due to federal and state ownership change limitations. The annual limitation may result in the expiration of net operating losses before utilization.

At December 31, 2015 and December 31, 2014, the Company had unrecognized tax benefits of approximately $7.0 and $5.7 million, respectively (none of which, if recognized, would affect the Company's effective tax rate). The Company does not believe there will be any material changes in its unrecognized tax positions over the next twelve months.

DURECT CORPORATION

NOTES TO FINANCIAL STATEMENTS—(Continued)

A reconciliation of the beginning and ending amount of unrecognized tax benefits is as follows (in thousands):

	December 31,	
	2015	2014
Balance at beginning of the year	$5,702	$5,252
Increases (decrease) related to prior year tax positions	737	—
Increases (decrease) related to current year tax positions	526	450
Settlements	—	—
Reductions due to lapse of applicable statute of limitations	—	—
Balance at end of the year	$6,965	$5,702

Interest and penalty costs related to unrecognized tax benefits, if any, are classified as a component of interest income and other income (expense), net in the accompanying Statements of Operations and Comprehensive Loss. The Company did not recognize any interest and penalty expense related to unrecognized tax benefits for the years ended December 31, 2015, 2014 and 2013.

The Company files income tax returns in the U.S. federal jurisdiction and various state jurisdictions. The Company is subject to U.S. federal and state income tax examination for calendar tax years ending 1998 through 2015 due to unutilized net operating losses and research credits.

11. Unaudited Selected Quarterly Financial Data (in thousands, except per share amounts)

	First Quarter		Second Quarter		Third Quarter		Fourth Quarter	
	2015	2014	2015	2014	2015	2014	2015	2014
Revenue	$ 4,773	$ 6,293	$ 4,441	$ 4,581	$ 4,743	$ 4,258	$ 5,167	$ 4,269
Net loss	$(4,853)	$(3,600)	$(5,478)	$(5,478)	$ (6,487)	$ (7,092)	$ (5,845)	$ (5,940)
Basic net loss per share	$ (0.04)	$ (0.03)	$ (0.05)	$ (0.05)	$ (0.05)	$ (0.06)	$ (0.05)	$ (0.05)
Diluted net loss per share	$ (0.04)	$ (0.03)	$ (0.05)	$ (0.05)	$ (0.05)	$ (0.06)	$ (0.05)	$ (0.05)

12. Subsequent Event

During the first quarter of 2016, the Company raised net proceeds (net of commissions) of approximately $494,000 from the sale of 226,698 shares of the Company's common stock in the open market through the November 2015 Controlled Equity Offering agreement with Cantor Fitzgerald at a weighted average price of $2.25 per share. As of February 18, 2016, the Company had up to $37.6 million of common stock available for sale under the Controlled Equity Offering program and $122.6 million of common stock available for sale under its shelf registration statement.

Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure.

Not applicable.

Item 9A. Controls and Procedures.

Disclosure Controls and Procedures

As required by paragraph (b) of Exchange Act Rules 13a-15 or 15d-15, DURECT's management, including our Chief Executive Officer and Chief Financial Officer, conducted an evaluation as of the end of the period covered by this report, of the effectiveness of DURECT's disclosure controls and procedures as defined in Exchange Act Rule 13a-15(e) and 15d-15(e). Based on that evaluation, our Chief Executive Officer and Chief Financial Officer concluded that DURECT's disclosure controls and procedures were effective as of the end of the period covered by this report.

Management's Report on Internal Control Over Financial Reporting

Our management is responsible for establishing and maintaining adequate internal control over financial reporting, as such term is defined in Exchange Act Rules 13a-15(f) and 15d-15(f). Under the supervision of our Chief Executive Officer and Chief Financial Officer and with the participation of our management, we conducted an evaluation of the effectiveness of our internal control over financial reporting as of December 31, 2014 based on the framework in Internal Control—Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 Framework). Based on that evaluation, our management concluded that our internal control over financial reporting was effective as of December 31, 2015.

Our independent registered public accountants, Ernst & Young LLP, audited the financial statements included in this Annual Report on Form 10-K and have issued an audit report on our internal control over financial reporting which appears below.

Changes in Internal Control Over Financial Reporting

There were no changes in our internal control over financial reporting identified in connection with the evaluation required by paragraph (d) of Exchange Act Rules 13a-15 or 15d-15 that occurred during our last fiscal quarter that have materially affected or are reasonably likely to materially affect, our internal control over financial reporting.

Report of Independent Registered Public Accounting Firm

To the Board of Directors and Stockholders of DURECT Corporation

We have audited DURECT Corporation's internal control over financial reporting as of December 31, 2015, based on criteria established in Internal Control—Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework) (the COSO criteria). DURECT Corporation'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. Our responsibility is to express an opinion on the company's internal control over financial reporting based on our audit.

We conducted our audit in accordance with the standards of the Public Company Accounting Oversight Board (United States). 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 included obtaining an understanding of internal control over financial reporting, assessing the risk that a material weakness exists, testing and evaluating the design and operating effectiveness of internal control based on the assessed risk, and performing such other procedures as we considered necessary in the circumstances. We believe that our audit provides a reasonable basis for our opinion.

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 generally accepted accounting principles. 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 generally accepted accounting principles, 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.

In our opinion, DURECT Corporation maintained, in all material respects, effective internal control over financial reporting as of December 31, 2015, based on the COSO criteria.

We also have audited, in accordance with the standards of the Public Company Accounting Oversight Board (United States), the 2015 financial statements of DURECT Corporation and the financial statement schedule listed in the Index at Item 15(a)(2) and our report dated March 1, 2016 expressed an unqualified opinion thereon.

/S/ ERNST & YOUNG LLP

Redwood City, California
March 1, 2016

Item 9B. Other Information.

None

PART III

The definitive proxy statement for our 2016 annual meeting of stockholders, when filed, pursuant to Regulation 14A of the Securities Exchange Act of 1934, will be incorporated by reference into this Form 10-K pursuant to General Instruction G (3) of Form 10-K and will provide the information required under Part III (Items 10-14), except for the information with respect to our executive officers, which is included in "Part I—Executive Officers of the Registrant."

PART IV

Item 15. Exhibits and Financial Statement Schedules.

(a) The following documents are filed as part of this report:

(1) *Financial Statements*

See Item 8 of this Form 10-K

(2) *Financial Statement Schedules*

ScheduleII—Valuation and Qualifying Accounts

Schedules not listed above have been omitted because the information required to be set forth therein is not applicable or is shown in the financial statements or notes thereto.

(3) Exhibits are incorporated herein by reference or are filed in accordance with Item 601 of Regulation S–K.

Number	Description
2.1	Agreement and Plan of Merger dated April 18, 2001, among the Company, Target and Magnolia Acquisition Corporation (incorporated by reference to Exhibit 2.1 to our Current Report on Form 8-K (File No. 000-31615) filed on May 15, 2001).
2.2	Agreement and Plan of Merger dated August 15, 2003, among the Company, Birmingham Polymers, Inc., Absorbable Polymer Technologies, Inc. and the Principal Shareholders of Absorbable Polymer Technologies, Inc. (incorporated by reference to Exhibit 2.2 to our Registration Statement on Form S-3, as amended (File No. 333-108396), initially filed on August 29, 2003).
3.1	Amended and Restated Certificate of Incorporation of the Company (incorporated by reference to Exhibit 3.3 to our Registration Statement on Form S-1, as amended (File No. 333-35316), initially filed on April 20, 2000).
3.2	Certificate of Amendment of the Amended and Restated Certificate of Incorporation of the Company (incorporated by reference to Exhibit 3.4 to our Post-Effective Amendment No. 1 to our Registration Statement on Form S-3, filed on July 1, 2010.
3.3	Certificate of Designation of Rights, Preferences and Privileges of Series A Participating Preferred Stock of DURECT Corporation (incorporated by reference to Exhibit 3.3 to our Registration Statement on Form S-3 (File No. 333-128979) initially filed on October 13, 2005).
3.4	Certificate of Amendment to Certificate of Designation of Rights, Preferences and Privileges of Series A Participating Preferred Stock of DURECT Corporation (incorporated by reference to Exhibit 3.7 to our Quarterly Report on Form 10-Q (File No. 000-31615) filed on August 5, 2010).

Number	Description
3.5	Amended and Restated Bylaws of the Company (incorporated by reference to Exhibit 3.1 to our Current Report on Form 8-K (File No. 000-31615), filed on December 17, 2014).
4.1	Second Amended and Restated Investors' Rights Agreement (incorporated by reference to Exhibit 4.2 to our Registration Statement on Form S-1, as amended (File No. 333-35316), initially filed on April 20, 2000).
10.1+	Form of Indemnification Agreement between the Company and each of its Officers and Directors (incorporated by reference to Exhibit 10.1 to our Registration Statement on Form S-1, as amended (File No. 333-35316), initially filed on April 20, 2000).
10.2+	2000 Stock Plan, as amended (incorporated by reference to Exhibit 10.1 to our Current Report on Form 8-K (File No. 000-31615) filed on June 16, 2015).
10.3+	2000 Employee Stock Purchase Plan (incorporated by reference to Exhibit 10.4 to our Registration Statement on Form S-1, as amended (File No. 333-35316), initially filed on April 20, 2000).
10.4+	2000 Directors' Stock Option Plan (incorporated by reference to Exhibit 10.5 to our Registration Statement on Form S-1, as amended (File No. 333-35316), initially filed on April 20, 2000).
10.5	Modified Net Single Tenant Lease Agreement between the Company and DeAnza Enterprises, Ltd. dated as of February 18, 1999 (incorporated by reference to Exhibit 10.11 to our Registration Statement on Form S-1, as amended (File No. 333-35316), initially filed on April 20, 2000).
10.6	Common Stock Purchase Agreement between the Company and ALZA Corporation dated April 14, 2000 (incorporated by reference to Exhibit 10.17 to our Registration Statement on Form S-1, as amended (File No. 333-35316), initially filed on April 20, 2000).
10.7**	Asset Purchase Agreement between the Company and IntraEAR, Inc. dated as of September 24, 1999 (incorporated by reference to Exhibit 10.20 to our Registration Statement on Form S-1, as amended (File No. 333-35316), initially filed on April 20, 2000).
10.8**	Supply Agreement between the Company and Mallinckrodt, Inc. dated as of October 1, 2000 (incorporated by reference to Exhibit 10.25 to our Annual Report on Form 10-K (File No. 000-31615) filed on March 30, 2001).
10.9**	License & Option Agreement and Mutual Release between Southern BioSystems, Inc, an Alabama corporation and wholly-owned subsidiary of the Company (now merged into the Company), and Thorn BioScience LLC dated as of July 26, 2002 (incorporated by reference to Exhibit 10.30 to our Quarterly Report on Form 10-Q (File No. 000-31615) filed on November 14, 2002).
10.10**	Development and License Agreement between the Company, Southern BioSystems, Inc., an Alabama corporation and wholly-owned subsidiary of the Company (now merged into the Company), and Pain Therapeutics, Inc. dated as of December 19, 2002 (incorporated by reference to Exhibit 10.34 to our Annual Report on Form 10-K (File No. 000-31615) filed on March 14, 2003).
10.11	Lease between the Company and Renault & Handley Employee Investments Co. with commencement date of January 1, 2005 (incorporated by reference to Exhibit 10.36 to our Annual Report on Form 10-K (File No. 000-31615) filed on March 11, 2004).
10.12**	Amendment dated December 21, 2005 to Development and License Agreement dated December 19, 2002 between the Company and Pain Therapeutics, Inc. (incorporated by reference to Exhibit 10.45 to our Annual Report on Form 10-K (File No. 000-31615) filed on March 16, 2006).
10.13**	Sucrose Acetate Isobutyrate Pharmaceutical Grade Supply Agreement between the Company and Eastman Chemical Company dated as of December 30, 2005 (incorporated by reference to Exhibit 10.46 to our Annual Report on Form 10-K (File No. 000-31615) filed on March 16, 2006).

Number	Description
10.14**	Development and License Agreement between the Company and Alpharma Ireland Limited dated as of September 19, 2008 (incorporated by reference to Exhibit 10.52 to our Quarterly Report on Form 10-Q (File No. 000-31615) filed on November 4, 2008).
10.15	First Lease Extension between the Company and Renault & Handley Employee Investments Co. effective March 1, 2009 (incorporated by reference to Exhibit 10.54 to our Quarterly Report on Form 10-Q (File No. 000-31615) filed on May 7, 2009).
10.16**	Excipient Manufacturing and Supply Agreement between King Pharmaceuticals, Inc. and the Company dated as of August 5, 2009 (incorporated by reference to Exhibit 10.55 to our Quarterly Report on Form 10-Q (File No. 000-31615) filed on November 2, 2009).
10.17	Second Amendment to Lease between De Anza Enterprises and the Company dated as of August 6, 2009 (incorporated by reference to Exhibit 10.56 to our Quarterly Report on Form 10-Q (File No. 000-31615) filed on November 2, 2009).
10.18	Lease between the Company and DRA/CLP Riverchase Center Birmingham, LLC dated as of October 19, 2010 (incorporated by reference to Exhibit 10.62 to our Annual Report on Form 10-K (File No. 000-31615) filed with the SEC on March 3, 2011).
10.19	Third Amendment to Lease between De Anza Enterprises and the Company dated as of December 21, 2010 (incorporated by reference to Exhibit 10.63 to our Annual Report on Form 10-K (File No. 000-31615) filed with the SEC on March 3, 2011).
10.20**	Development and License Agreement between the Company and Zogenix, Inc. effective July 11, 2011 (incorporated by reference to Exhibit 10.66 to our Quarterly Report on Form 10-Q (File No. 000-31615) filed on November 7, 2011).
10.21**	Amendment dated March 18, 2013 to Development and License Agreement dated July 11, 2011 between the Company and Zogenix, Inc (incorporated by reference to Exhibit 10.69 to our Quarterly Report on Form 10-Q (File No. 000-31615) filed with the SEC on May 3, 2013).
10.22	Fourth Amendment to Lease between De Anza Enterprises and the Company dated as of August 20, 2013 (incorporated by reference to Exhibit 10.69 to our Quarterly Report on Form 10-Q (File No. 000-31615) filed with the SEC on November 5, 2013).
10.23	Addendum II to Lease between the Company and Northwest Asset Management Company dated as of August 27, 2013 (incorporated by reference to Exhibit 10.69 to our Quarterly Report on Form 10-Q (File No. 000-31615) filed with the SEC on November 5, 2013).
10.24	Second Amendment to Lease between Handley Management Corporation, as successor-by-merger to Renault & Handley Employee Investments Co. and the Company dated November 11, 2013 (incorporated by reference to Exhibit 10.73 to our Annual Report on Form 10-K (File No. 000-31615) filed with the SEC on February 27, 2014).
10.25	Executive Change of Control Policy, asam ended December 12, 2013 (incorporated by reference to Exhibit 10.74 to our Annual Report on Form 10-K (File No. 000-31615) filed with the SEC on February 27, 2014).
10.26**	Asset Transfer and License Agreement between the Company and Impax Laboratories, Inc. effective January 3, 2014 (incorporated by reference to Exhibit 10.75 to our Quarterly Report on Form 10-Q (File No. 000-31615) filed with the SEC on May 2, 2014).
10.27	Loan and Security Agreement between the Company and Oxford Finance, LLC dated June 26, 2014 (incorporated by reference to Exhibit 10.1 to our Quarterly Report on Form 10-Q (File No. 000-31615) filed with the SEC on August 8, 2014).

Number	Description
10.28**	License Agreement between the Company and Santen Pharmaceutical Co., Ltd. dated December 11, 2014 (incorporated by reference to Exhibit 10.28 to our Annual Report on Form 10-K (File No. 000-31615) filed with the SEC on March 3, 2015).
10.29**	Exclusive License Agreement between the Company and Virginia Commonwealth University Intellectual Property Foundation dated December 5, 2012 (incorporated by reference to Exhibit 10.29 to our Annual Report on Form 10-K (File No. 000-31615) filed with the SEC on March 3, 2015).
10.30	First Amendment to Loan and Security Agreement and First Amendment to Disbursment Letter between the Company and Oxford Finance, LLC dated July 31, 2015 (incorporated by reference to Exhibit 10.2 to our Quarterly Report on Form 10-Q (File No. 000-31615) filed with the SEC on November 3, 2015).
12.1*	Ratio of Earnings to Fixed Charges.
23.1*	Consent of Independent Registered Public Accounting Firm.
24.1*	Power of Attorney (see signature page of this Form 10-K).
31.1*	Rule 13a-14(a) Section 302 Certification.
31.2*	Rule 13a-14(a) Section 302 Certification.
32.1*	Certificate pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
32.2*	Certificate pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
101.INS*	XBRL Instance Document
101.SCH*	XBRL Taxonomy Extension Schema Document
101.CAL*	XBRL Taxonomy Extension Calculation Linkbase Document
101.DEF*	XBRL Taxonomy Extension Definition Linkbase Document
101.LAB*	XBRL Taxonomy Extension Labels Linkbase Document
101.PRE*	XBRL Taxonomy Extension Presentation Linkbase Document

* Filed herewith.

** Confidential treatment granted with respect to certain portions of this Exhibit.

\+ Indicates a management contract or compensatory plan or arrangement.

SCHEDULE II—VALUATION AND QUALIFYING ACCOUNTS

Year Ended December 31, 2015, 2014 and 2013
(in thousands)

	Balance at beginning of the year	Provision	Recoveries/ Write-Offs	Balance at end of the year
December 31, 2015				
Allowance for doubtful accounts	$ 211	$ (38)	$ (12)	$ 161
December 31, 2014				
Allowance for doubtful accounts	$ 144	$ 88	$ (21)	$ 211
December 31, 2013				
Allowance for doubtful accounts	$ 154	$ (20)	$ 10	$ 144

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.

DURECT CORPORATION

By: /S/ JAMES E. BROWN
James E. Brown
President and Chief Executive Officer

Date: March 1, 2016

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints James E. Brown and Felix Theeuwes, jointly and severally, his or her attorneys-in-fact, each with the power of substitution, for him or her in any and all capacities, to sign any amendments to this Report on Form 10-K, and to file the same, with exhibits thereto and other documents in connection therewith with the Securities and Exchange Commission, hereby ratifying and confirming all that each of said attorneys-in-fact, or his or her substitute or substitutes may do or cause to be done by virtue hereof.

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.

Signature	Title	Date
/s/ JAMES E. BROWN **James E. Brown**	President, Chief Executive Officer and Director (Principal Executive Officer)	March 1, 2016
/s/ FELIX THEEUWES **Felix Theeuwes**	Chairman and Chief Scientific Officer	March 1, 2016
/s/ MATTHEW J. HOGAN **Matthew J. Hogan**	Chief Financial Officer (Principal Accounting Officer)	March 1, 2016
/s/ SIMON X. BENITO **Simon X. Benito**	Director	March 1, 2016
/s/ TERRENCE F. BLASCHKE **Terrence F. Blaschke**	Director	March 1, 2016
/s/ DAVID R. HOFFMANN **David R. Hoffmann**	Director	March 1, 2016
/s/ ARMAND P. NEUKERMANS **Armand P. Neukermans**	Director	March 1, 2016
/s/ JON S. SAXE **Jon S. Saxe**	Director	March 1, 2016
/s/ JAY SHEPARD **Jay Shepard**	Director	March 1, 2016

EXHIBIT INDEX

Number	Description
12.1*	Ratio of Earnings to Fixed Charges.
23.1*	Consent of Independent Registered Public Accounting Firm.
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31.1*	Rule 13a-14(a) Section 302 Certification.
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101.INS*	XBRL Instance Document
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101.DEF*	XBRL Taxonomy Extension Definition Linkbase Document
101.LAB*	XBRL Taxonomy Extension Labels Linkbase Document
101.PRE*	XBRL Taxonomy Extension Presentation Linkbase Document

* Filed herewith.

Exhibit 12.1

COMPUTATION OF RATIO OF EARNINGS TO FIXED CHARGES

The following table sets forth our ratio of earnings to fixed charges for each of the periods indicated (in thousands):

	Year Ended December 31,				
	2015	2014	2013	2012	2011
Earnings:					
Net income (loss)	$(22,663)	$(22,110)	$(21,452)	$16,200	$(18,765)
Fixed charges	2,978	1,858	607	620	828
Total Earnings	$(19,685)	$(20,252)	$(20,845)	$16,820	$(17,937)
Fixed Charges:					
Interest expense	$ 2,236	$ 1,151	$ 6	$ 7	$ 46
Portion of rent expense representative of interest	742	707	601	613	782
Total Fixed Charges	$ 2,978	$ 1,858	$ 607	$ 620	$ 828
Ratio of Earnings to Fixed Charges (1)	—	—	—	27.1	—

(1) For purposes of computing the ratio of earnings to fixed charges, earnings consist of net income (loss) plus fixed charges. Fixed charges consist of interest expense, amortization of debt expense and discount or premium related to indebtedness, whether expensed or capitalized, and that portion of rental payments under operating leases we believe to be representative of interest. Earnings were insufficient to cover fixed charges by $22.7 million, $22.1 million, $21.5 million, and $18.8 million for the years ended December 31, 2015, 2014, 2013 and 2011, respectively. Earnings for the year ended December 31, 2012 included recognition of $35.4 million of collaborative research and development revenue as a result of the termination of the Company's agreements with Nycomed, Pfizer and Hospira. Excluding the recognition of $35.4 million of deferred revenue, earnings would have been insufficient to cover fixed charges by $19.2 million for the year ended December 31, 2012.

Exhibit 23.1

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the following Registration Statements:

(1) Registration Statements (Form S-8 Nos. 333-126990 and 333-98939) pertaining to the DURECT Corporation 2000 Directors' Stock Option Plan,

(2) Registration Statements (Form S-8 Nos. 333-166700, 333-161025, 333-152968, 333-124701, 333-86110 and 333-206084) pertaining to the DURECT Corporation 2000 Employee Stock Purchase Plan and the DURECT Corporation 2000 Stock Plan,

(3) Registration Statements (Form S-8 Nos. 333-197980, 333-176113, 333-120405 and 333-108390) pertaining to the DURECT Corporation 2000 Stock Plan,

(4) Registration Statements (Form S-8 No. 333-170349) pertaining to the DURECT Corporation 2000 Employee Stock Purchase Plan,

(5) Registration Statement (Form S-8 No. 333-47400) pertaining to the DURECT Corporation 2000 Employee Stock Purchase Plan, the DURECT Corporation 1998 Stock Option Plan, the DURECT Corporation 2000 Stock Plan and the DURECT Corporation 2000 Directors' Stock Option Plan,

(6) Registration Statement (Form S-8 No. 333-61224) pertaining to the DURECT Corporation 2000 Employee Stock Purchase Plan, the DURECT Corporation 2000 Stock Plan, the Southern BioSystems, Inc. 1993 Stock Option Plan and the Southern Research Technologies, Inc. 1995 Nonqualified Stock Option Plan,

(7) Registration Statement (Form S-8 No. 333-76622) pertaining to the Southern BioSystems, Inc. 1993 Stock Option Plan and the Southern Research Technologies, Inc. 1995 Nonqualified Stock Option Plan,

(8) Registration Statement (Form S-3 No. 333-128979) of DURECT Corporation,

(9) Registration Statement (Form S-3 No. 333-108398) of DURECT Corporation,

(10) Registration Statement (Form S-3 No. 333-108396) of DURECT Corporation,

(11) Registration Statement (Form S-3 No. 333-155042) of DURECT Corporation,

(12) Registration Statement (Form S-3 No. 333-181174) of DURECT Corporation

(13) Registration Statement (Form S-3 No. 333-193009) of DURECT Corporation, and

(14) Registration Statement (Form S-3 No. 333-207776) of DURECT Corporation,

of our reports dated March 1, 2016, with respect to the financial statements and schedule of DURECT Corporation, and the effectiveness of internal control over financial reporting of DURECT Corporation included in this Annual Report (Form 10-K) of DURECT Corporation for the year ended December 31, 2015.

/s/ ERNST & YOUNG LLP

Redwood City, California
March 1, 2016

Exhibit 31.1

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, James E. Brown, certify that:

1. I have reviewed this report on Form 10-K of DURECT Corporation;

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 this report any change in the 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.

March 1, 2016

/S/ JAMES E. BROWN

James E. Brown
Chief Executive Officer

Exhibit 31.2

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, Matthew J. Hogan, certify that:

1. I have reviewed this report on Form 10-K of DURECT Corporation;

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 this report any change in the 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.

March 1, 2016

/S/ MATTHEW J. HOGAN

Matthew J. Hogan
Chief Financial Officer and Principal Accounting Officer

Exhibit 32.1

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Annual Report of DURECT Corporation (the "Company") on Form 10-K for the year ended December 31, 2015 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, James E. Brown, Chief Executive Officer of the Company, certify, pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that:

(1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

(2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

March 1, 2016

/S/ JAMES E. BROWN

James E. Brown
Chief Executive Officer

Exhibit 32.2

CERTIFICATION PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

In connection with the Annual Report of DURECT Corporation (the "Company") on Form 10-K for the year ended December 31, 2015 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), I, Matthew J. Hogan, Chief Financial Officer and Principal Accounting Officer of the Company, certify, pursuant to 18 U.S.C. § 1350, as adopted pursuant to § 906 of the Sarbanes-Oxley Act of 2002, that:

(1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and

(2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

March 1, 2016

/S/ MATTHEW J. HOGAN
Matthew J. Hogan
Chief Financial Officer and Principal Accounting Officer