

Use these links to rapidly review the document
[TABLE OF CONTENTS](#)

[Table of Contents](#)

As filed with the Securities and Exchange Commission on September 14, 2015

Registration No. 333-206755

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

**Amendment No. 1
to
FORM S-1
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933**

Sientra, Inc.

(Exact name of Registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization)	3842 (Primary Standard Industrial Classification Code Number)	20-5551000 (I.R.S. Employer Identification Number)
--	--	---

**420 South Fairview Avenue, Suite 200
Santa Barbara, CA 93117
(805) 562-3500**

(Address, including zip code, and telephone number, including
area code, of Registrant's principal executive offices)

**Hani Zeini
Founder, President and Chief Executive Officer
Sientra, Inc.
420 South Fairview Avenue, Suite 200
Santa Barbara, CA 93117
(805) 562-3500**

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies to:

**C. Thomas Hopkins, Esq.
Charles J. Bair, Esq.
Cooley LLP
1333 2nd Street, Suite 400
Santa Monica, CA 90401
(310) 883-6400**

**Matthew Pigeon
Chief Financial Officer and Treasurer**

**Joel Smith, Esq.
General Counsel, Secretary and
Chief Compliance Officer**

**Charles K. Ruck, Esq.
Shayne Kennedy, Esq.
Latham & Watkins LLP
650 Town Center Drive, 20th Floor
Costa Mesa, CA 92626
(714) 540-1235**

**Sientra, Inc.
420 South Fairview Avenue, Suite 200
Santa Barbara, CA 93117
(805) 562-3500**

**Approximate date of commencement of proposed sale to the public:
As soon as practicable after the effective date of this Registration Statement.**

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, check the following box.

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(d) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

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

Large accelerated filer

Accelerated filer

Non-accelerated filer
(Do not check if a smaller reporting company)

Smaller reporting company

CALCULATION OF REGISTRATION FEE

Title of each class of securities to be registered	Amount to be registered ⁽¹⁾	Proposed maximum offering price per share ⁽²⁾	Proposed maximum aggregate offering price ^{(1) (2)}	Amount of registration fee ⁽³⁾
Common Stock, \$0.01 par value per share	4,025,000	\$23.20	\$93,380,000	\$10,851

(1) Includes the additional shares that may be purchased by the underwriters pursuant to an option to purchase additional shares.

(2) Estimated solely for the purpose of calculating the amount of the registration fee based on the average of the high and low prices for the Registrant's common stock on The NASDAQ Global Select Market on September 11, 2015, in accordance with Rule 457(c) under the Securities Act of 1933, as amended.

(3) A registration fee of \$10,023 has been previously paid in connection with this registration statement.

The Registrant hereby amends this Registration Statement on such date or dates as may be necessary to delay its effective date until the Registrant shall file a further amendment that specifically states that this Registration Statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act of 1933, as amended, or until the Registration Statement shall become effective on such date as the Securities and Exchange Commission, acting pursuant to said Section 8(a), may determine.

The information in this preliminary prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This preliminary prospectus is not an offer to sell these securities and we are not soliciting offers to buy these securities in any jurisdiction where the offer or sale is not permitted.

Subject to completion, dated September 14, 2015

3,500,000 Shares

SIENTRA, INC.



Common Stock

\$ per share

- Sientra, Inc. is offering 3,500,000 shares of its common stock.
- Trading symbol: The NASDAQ Global Select Market — SIEN.
- The last reported sale price of our common stock on September 11, 2015 was \$23.38 per share.

This investment involves risk. See "Risk Factors" beginning on page 14.

We are an "emerging growth company" as defined in the Jumpstart Our Business Startups Act of 2012, and as such, have elected to comply with certain reduced public company reporting requirements for this prospectus and future filings.

	Per Share	Total
Public offering price	\$	\$
Underwriting discounts and commissions ⁽¹⁾	\$	\$
Proceeds to Sientra, Inc., before expenses	\$	\$

(1) See "Underwriting" for additional information regarding underwriting compensation.

We have granted the underwriters an option to purchase up to 525,000 additional shares of our common stock for 30 days after the date of this prospectus.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The underwriters expect to deliver the shares of common stock to investors on or about _____, 2015.

Piper Jaffray

Leerink Partners

Stifel

William Blair

The date of this prospectus is

, 2015.

FDA-Approved Product Portfolio



Round Silicone Breast Implants



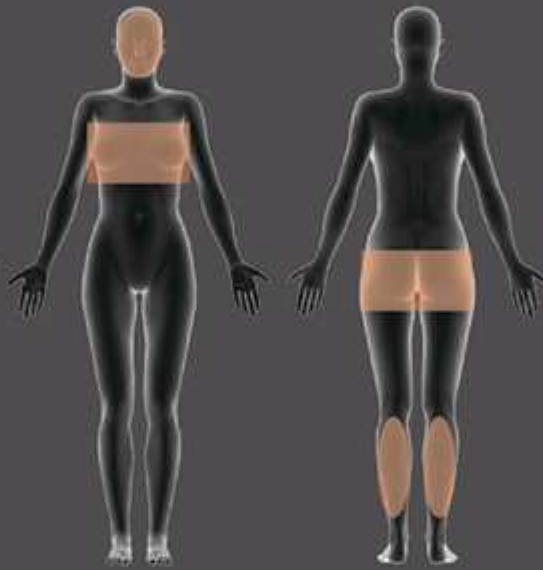
Shaped Silicone Breast Implants



ACX® Breast Tissue Expanders



Additional Breast Tissue Expanders



Non-Breast Tissue Expanders



Gluteal Implants



Calf Implants



Pectoral Implants



Facial Implants



Medgel Sheeting

Breast products represent over 98% of net sales.
Breast implants are PMA approved.
All other products are 510K cleared.

TABLE OF CONTENTS

	<u>Page</u>
Prospectus Summary	1
Risk Factors	14
Special Note Regarding Forward-Looking Statements	16
Use of Proceeds	18
Market Price of Common Stock	19
Dividend Policy	20
Capitalization	21
Dilution	23
Selected Financial Data	25
Certain Relationships and Related Party Transactions	27
Description of Capital Stock	30
Principal Stockholders	36
Shares Eligible for Future Sale	39
Material United States Federal Income Tax Considerations for Non-U.S. Holders	42
Underwriting	47
Legal Matters	56
Change in Independent Accountants	56
Experts	56
Where You Can Find More Information	57
Incorporation of Certain Information by Reference	57

You should rely only on the information contained in this prospectus or any related free writing prospectus we may authorize to be delivered to you. We have not, and the underwriters have not, authorized any other person to provide you with different information. We and the underwriters take no responsibility for, and can provide no assurances as to the reliability of, any information that others may give you. This prospectus is not an offer to sell, nor is it seeking an offer to buy, these securities in any state where the offer or sale is not permitted. The information in this prospectus or incorporated herein by reference, is only accurate as of the date of this prospectus or the date of the document incorporated by reference, as applicable, regardless of the time of delivery of this prospectus and the sale of our common stock.

We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to the registration statement of which this prospectus is a part were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreement, and should not be deemed to be a representation, warranty or covenant made to you or for your benefit. Moreover, such representations, warranties or covenants were accurate only as of the date they were made. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

Trademarks

Our trademark portfolio contains five registered U.S. trademarks, including Sientra®, Simplicity is Beauty®, Sientra Simplicity is Beauty®, Anatomical Controlled® and ACX®, and six Canadian trademark applications. This prospectus contains additional trademarks and trade names of others, which are the property of their respective owners. Solely for convenience, the trademarks and trade names in this prospectus or any document incorporated herein by reference are referred to without the ® and ™ symbols, but such references should not be construed as any indicator that we will not assert, to the fullest extent under applicable law, our rights thereto.

Investors Outside of the United States

Neither we nor any of the underwriters have taken any action that would permit this offering or the possession or distribution of this prospectus in any jurisdiction where action for that purpose is required, other than in the United States. Persons outside the United States who come into possession of this prospectus must inform themselves about, and observe any restrictions relating to, the offering of shares of our common stock and the distribution of this prospectus outside of the United States.

Market and Industry Data and Forecasts

Certain market and industry data and forecasts included or incorporated by reference in this prospectus were obtained from independent market research, industry publications and surveys, governmental agencies, publicly available information and Realself, Inc. Industry surveys, publications and forecasts generally state that the information contained therein has been obtained from sources believed to be reliable, although they do not guarantee the accuracy or completeness of such information. We believe the data from such third-party sources that is included in the prospectus or incorporated herein by reference to be reliable. However, we have not independently verified any of such data and cannot guarantee its accuracy or completeness and cannot assure you that the trends reflected in this data will continue. Similarly, internal market research and industry forecasts, which we believe to be reliable based upon our management's knowledge of the market and the industry, have not been verified by any independent sources. While we are not aware of any misstatements regarding the market or industry data presented herein or incorporated herein by reference, our estimates involve risks and uncertainties and are subject to change based on various factors, including those discussed under the heading "Risk Factors" in this prospectus and in our Annual Report on Form 10-K for the year ended December 31, 2014 and our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2015 and June 30, 2015, which are incorporated herein by reference, and "Special Note Regarding Forward-Looking Statements" in this prospectus.

Basis of Presentation

On November 3, 2014, the Company completed an initial public offering, or IPO, whereby it sold a total of 5,750,000 shares of common stock at \$15.00 per share inclusive of 750,000 shares sold to underwriters pursuant to the exercise in full of their option to purchase additional shares. The Company received net proceeds from the IPO of approximately \$77.0 million, after deducting underwriting discounts and commissions and offering expenses of approximately \$9.2 million. In connection with our IPO, our board of directors and stockholders approved an amendment to the Company's certificate of incorporation, which effected a 1 for 2.75 reverse stock split of the Company's issued and outstanding shares of common stock. All issued and outstanding shares of common stock, stock options and warrants and the related per share amounts were adjusted to reflect this reverse stock split for all periods presented. The outstanding shares of convertible preferred stock were converted on a 2.75-to-1 basis into shares of common stock concurrent with the closing of the IPO. All of the outstanding shares of Series A, Series B and Series C preferred stock converted into 8,942,925 shares of common stock. Following the closing of the IPO, there were no shares of preferred stock outstanding.

PROSPECTUS SUMMARY

This summary highlights information contained in other parts of this prospectus or incorporated by reference from our Annual Report on Form 10-K for the year ended December 31, 2014, our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2015 and June 30, 2015, and our other filings with the Securities and Exchange Commission listed in the section of the prospectus entitled "Incorporation of Certain Information by Reference." This summary does not contain all of the information you should consider in making your investment decision. Before deciding to invest in shares of our common stock, you should read the entire prospectus, the registration statement of which this prospectus is a part, and the information incorporated by reference herein in their entirety. You should carefully consider, among other things, the matters discussed in the sections entitled "Risk Factors" and "Selected Financial Data" included elsewhere in this prospectus and incorporated herein by reference and the matters discussed in our financial statements and the accompanying notes and the section entitled "Management's Discussion and Analysis of Financial Condition and Results of Operations," in each case, incorporated by reference into this prospectus. Some of the statements in this prospectus constitute forward-looking statements that involve risks and uncertainties. See "Special Note Regarding Forward-Looking Statements." Unless otherwise stated in this prospectus, references to "Sientra," "we," "us," "our" or "the Company" refer to Sientra, Inc.

Overview

We are a medical aesthetics company committed to making a difference in patients' lives by enhancing their body image, growing their self-esteem and restoring their confidence. We were founded to provide greater choice to board-certified plastic surgeons and patients in need of medical aesthetics products. We have developed a broad portfolio of products with technologically differentiated characteristics, supported by independent laboratory testing and strong clinical trial outcomes. We sell our breast implants and breast tissue expanders, or Breast Products, exclusively to board-certified and board-admissible plastic surgeons and tailor our customer service offerings to their specific needs, which we believe helps secure their loyalty and confidence. These advantages have allowed us to increase our market share each year since we entered the market in 2012.

Our primary products are silicone gel breast implants for use in breast augmentation and breast reconstruction procedures, which we offer in over 195 variations of shapes, sizes, fill volumes, and textures. Our breast implants are primarily used in elective procedures which are generally performed on a cash-pay basis. Many of our breast implants incorporate one or more differentiated technologies, including a proprietary high-strength, cohesive silicone gel and proprietary texturing branded TRUE Texture. Our breast implants offer a desired balance between strength, shape retention and softness due to the high-strength, cohesive silicone gel used in our manufacturing process. TRUE Texture provides texturing on the implant shell that is designed to reduce the incidence of malposition, rotation and capsular contracture. We also offer breast tissue expanders and a range of other aesthetic and specialty products. We do not have any patents or patent applications, but rely on trade secrets, proprietary know-how and regulatory barriers to protect our products and technologies.

Our breast implants were approved by the U.S. Food and Drug Administration, or FDA, in 2012, based on data we collected from our ongoing, long-term clinical trial of our breast implants in 1,788 women across 36 investigational sites in the United States, which included 3,506 implants (approximately 53% of which were smooth and 47% of which were textured). Our clinical trial is the largest prospective, long-term safety and effectiveness pivotal study of breast implant patients in the United States and included the largest magnetic resonance imaging, or MRI, cohort with 571 patients. The MRI cohort is a subset of study patients that underwent regular MRI screenings in addition to the other aspects of the clinical trial protocol. The clinical data we collected over an eight-year follow-up period demonstrated rupture rates, capsular contracture rates and reoperation rates that were

comparable to or better than those of our competitors, at similar time points. In addition to our pivotal study, our clinical data is supported by our Continued Access Study of 2,497 women in the United States. We have also commissioned a number of bench trials run by independent laboratories that we believe further demonstrate the advantages of our breast implants over those of our competitors.

We sell our Breast Products exclusively to board-certified and board-admissible plastic surgeons, as determined by the American Board of Plastic Surgery, who we refer to as Plastic Surgeons. These surgeons have completed the extensive multi-year plastic surgery residency training required by the American Board of Plastic Surgery. While aesthetic procedures are performed by a wide range of medical professionals, including dermatologists, otolaryngologists, obstetricians, gynecologists, dentists and other specialists, the majority of aesthetic surgical procedures are performed by Plastic Surgeons. Plastic Surgeons are thought leaders in the medical aesthetics industry. According to the American Society of Plastic Surgeons, or ASPS, there are approximately 6,400 board-certified plastic surgeons in the United States. We seek to provide Plastic Surgeons with differentiated services, including enhanced customer service offerings, a ten-year limited warranty that is the best-in-the-industry based on providing patients with the largest cash reimbursement for certain out-of-pocket costs related to revision surgeries in a covered event; a lifetime no-charge implant replacement program for covered ruptures; and our industry-first CapCon Care Program, or C3 Program, through which we offer no-charge replacement implants to breast augmentation patients who experience capsular contracture within the first five years after implantation with our smooth or textured breast implants.

We commenced sales of our breast implants in the United States in the second quarter of 2012. Our net sales were \$44.7 million, \$35.2 million and \$10.4 million for the years ended December 31, 2014, 2013 and 2012, respectively. Our net sales were \$26.6 million and \$21.9 million for the six months ended June 30, 2015 and 2014, respectively. Our net loss was \$5.8 million, \$19.1 million and \$23.4 million for the years ended December 31, 2014, 2013 and 2012, respectively. Our net loss was \$6.4 million and \$1.2 million for the six months ended June 30, 2015 and 2014, respectively.

Our Market

The overall market for medical aesthetic procedures is significant, and awareness and acceptance of these procedures is growing in the United States. According to ASAPS, in 2014, consumers in the United States spent approximately \$12.4 billion on aesthetic procedures overall, including both surgical and non-invasive cosmetic treatments. Of this amount, more than \$7.5 billion was spent on aesthetic surgical procedures.

Breast augmentation surgery remains the leading aesthetic surgical procedure by dollars and number of procedures in the United States. According to ASAPS, over 287,000 primary breast augmentation procedures and 72,000 revision augmentation procedures were performed in the United States in 2014. These procedures provide cosmetic solutions generally to enhance breast size and shape, correct breast asymmetries or help restore fullness after breastfeeding. For breast reconstruction, ASPS estimates that approximately 102,000 procedures were performed in the United States in 2014. These procedures are a surgical solution generally used to restore a breast to near normal shape and appearance following a mastectomy and typically utilize a breast tissue expander prior to implantation of a breast implant. Based on the number of procedures reported by ASAPS and by ASPS, and our estimates of average selling price, implant mix and implants per procedure, we estimate that the U.S. market for breast implants and breast tissue expanders exceeded \$630 million in 2014.

Our Opportunity

We believe a significant opportunity exists in the U.S. marketplace due to the high barriers to entry in the U.S. breast implant market and the historical lack of product and service innovation for Plastic Surgeons.

For more than 20 years prior to the FDA approval of our breast implants in 2012, only two companies manufactured and distributed breast implants in the United States. We believe that this market concentration is largely a result of the considerable costs and risks associated with the lengthy regulatory approval process required by the FDA, which has created a significant barrier to entry in the U.S. breast implant market. All new breast implants require pre-market approval, or PMA, from the FDA before they may be marketed in the United States. The PMA application process is lengthy and uncertain, and the PMA application must be supported by valid scientific evidence, which typically requires long-term follow-up of a large number of enrolled patients, as well as extensive technical, pre-clinical, clinical and manufacturing data to demonstrate safety and effectiveness. At present, we are not aware of any ongoing clinical studies in the United States for silicone breast implants other than those post-approval studies being performed by us and our two U.S. competitors. We believe that in the near term, it is likely that the companies currently providing silicone breast implants in the United States will continue to be the only companies servicing the U.S. silicone breast implant market.

We believe the rigorous FDA approval process and the existence of only two competitors in the U.S. market have historically contributed to a lack of technological innovation in the U.S. breast implant industry resulting in limited product choices. Until the FDA approval of our breast implants in 2012, surgeons in the United States were only able to purchase basic round breast implants from our two U.S. competitors, while surgeons outside of the United States were able to purchase technologically-advanced round and anatomically-shaped breast implants.

Our Competitive Strengths

We believe that we are well positioned to take advantage of opportunities afforded by current market dynamics. By focusing on products with technologically differentiated characteristics, demonstrating strong clinical data, offering more product choice and providing services tailored specifically to the needs of Plastic Surgeons, we believe we can continue to enhance our position in the breast implant market. Our competitive strengths include:

Differentiated silicone gel and texturing technologies. We incorporate differentiated technologies into our breast implants, including a proprietary high-strength, cohesive silicone gel and proprietary texturing branded TRUE Texture. Our breast implants offer a desired balance between strength, shape retention and softness due to the high-strength, cohesive silicone gel used in our manufacturing process. In addition, TRUE Texture technology provides texturing on the implant shell that is designed to reduce the incidence of malposition, rotation and capsular contracture. We do not have any patents or patent applications, but rely on trade secrets, proprietary know-how and regulatory barriers to protect our products and technologies.

Strong clinical trial outcomes. Our clinical trial results demonstrate the safety and effectiveness of our breast implants. Our breast implants were approved by the FDA based on data we collected from our ongoing, long-term clinical trial of our breast implants in 1,788 women across 36 investigational sites in the United States. The clinical data we collected over an eight-year follow-up period demonstrated rupture rates, capsular contracture rates and reoperation rates that were comparable to or better than those of our competitors, based on our competitors' published eight-year data.

Innovative services that deliver an improved customer experience. Our customer service offerings are intended to accommodate and anticipate the needs of Plastic Surgeons so that they can focus on providing better services to their patients. We provide a ten-year limited warranty that is the best-in-the-industry based on providing patients with the largest cash reimbursement for certain out-of-pocket costs related to revision surgeries in a covered event; a lifetime no-charge implant replacement program for covered ruptures; and our industry-first C3 Program through which we offer no-charge replacement implants to breast augmentation patients who experience capsular contracture within the first five years after implantation with our smooth or textured breast implants. We also offer specialized educational initiatives and a streamlined ordering, shipping and billing process.

Board-certified plastic surgeon focus. We sell our Breast Products exclusively to board-certified and board-admissible plastic surgeons who are thought leaders in the medical aesthetics industry. We address the specific needs of Plastic Surgeons through continued product innovation, expansion of our product portfolio and enhanced customer service offerings. We believe that securing the loyalty and confidence of Plastic Surgeons is essential to our success and that our association with Plastic Surgeons enhances our credibility and aligns with our focus on making a difference in patients' lives.

Proven and experienced leadership team. We have a highly experienced management team at both the corporate and operational levels with significant experience in the medical aesthetics industry. Members of our senior management team collectively have more than 135 years of medical aesthetics industry experience.

Our Strategy

Our objective is to become a leading global provider of differentiated medical aesthetic products and services tailored to meet the needs of Plastic Surgeons, allowing us to deliver on our commitment to enhance and make a difference in patients' lives. We are currently focused on growing the breast implant and breast tissue expander markets and our share of them in the United States, and intend to leverage our capabilities into new or complementary aesthetic products or technologies and new geographic markets or market segments. To achieve our objective, we are pursuing the following business strategies:

Create awareness of our differentiated technologies, products and services with Plastic Surgeons and consumers. Since we commenced commercial operations, we have focused our marketing efforts on Plastic Surgeons to promote and create awareness of the benefits of our products. Among other marketing programs targeted at Plastic Surgeons, we offer educational initiatives exclusively to Plastic Surgeons through our Sientra Education Forums. Recently, we have increased our consumer-directed efforts including an expanded exclusive relationship with Realself.com. We believe that continuing to invest in expanding marketing initiatives will have a positive impact on our business.

Expand to new markets. We are pursuing regulatory approval for our breast implants in Canada and intend to expand into the Canadian market upon receipt of such approval. We regularly evaluate additional expansion opportunities and in the future may also expand our business to cover new markets and geographic territories.

Selectively pursue acquisitions. We may selectively pursue domestic and international acquisitions of businesses or technologies that may allow us to leverage our relationships with Plastic Surgeons and our existing commercial infrastructure to provide us with new or complementary products or technologies, and allow us to compete in new geographic markets or market segments or to increase our market share.

Broaden our product portfolio and launch new products and services. We plan to continue to develop products that address the unmet needs of Plastic Surgeons and patients by leveraging our innovative technologies in combination with our regulatory and product development expertise. We have a number of new Breast Products under development with different characteristics and configurations. We believe these expanded product choices will allow Plastic Surgeons to potentially achieve better outcomes for their patients.

Enhance our sales capabilities and marketing programs to drive adoption of our products. We intend to increase our direct sales capabilities through the hiring of additional, experienced sales representatives and support staff. We believe that continued expansion of our sales team will allow us to broaden our market reach and educate a broader group of Plastic Surgeons on the benefits of our products.

Invest in clinical studies and peer reviewed articles with key opinion leaders. We intend to continue to invest in clinical studies in order to provide published peer reviewed articles that support the clinical benefits of our products and technologies over those of our competitors. We believe our relationship with Plastic Surgeons and our continued focus on providing differentiated products and services will allow us to leverage our existing capabilities to increase our share of the breast implant market specifically and the medical aesthetics market generally.

Recent Developments

Following is a summary of selected recent developments affecting our business:

Launch of new style and configuration of Silicone Gel Breast Implants. In late August 2015, we introduced a new round breast implant featuring our unique high-strength HSC+ silicone gel which was previously available only in our anatomically shaped breast implants. We believe our new HSC+ round breast implants allow surgeons and patients to benefit from the highly cohesive gel in the form of a more traditional round implant. We believe that prior to this introduction by us, such benefits were only accessible to surgeons in the form of shaped implants. In addition, in the fourth quarter of 2014, we launched a line extension to our line of smooth round silicone gel breast implants that provides a higher fill ratio that we believe is desired by some surgeons. We also recently added 16 additional sizes and configurations of our moderate-plus and high projection round implants. This makes a total of over 195 available shapes, sizes and configurations of our silicone gel breast implants.

Direct-to-Consumer Marketing through Exclusive Campaign with Realself.com. We have expanded our exclusive relationship with Realself.com, or Realself as the only breast implant company with certain exclusive filters on the Realself website. Realself is one of the world's largest online communities for learning and sharing information about cosmetic procedures with nearly 1.5 million unique users a month specifically interested in breast augmentation. For the first six months of 2015, we saw a strong engagement with the Sientra brand and its value proposition where the Sientra brand held a commanding 56% share of all branded breast implant traffic on Realself. We have also experienced substantial growth in the number of Sientra pages viewed on Realself, which we primarily attribute to the launch of our branded Sientra webpages on Realself in May 2014. From 2013 to 2014, the number of Sientra pages viewed on Realself increased by over 50-fold to over 1.2 million in 2014, approximately 1.0 million of which occurred in the last six months of the year. More recently, as our exclusive relationship with Realself has deepened, the number of Sientra pages viewed on Realself has increased. During the first six months of 2015, the number of Sientra pages viewed on Realself increased to approximately 2.9 million views an approximately 20-fold increase when compared to the first six months of 2014.

In August 2015, we launched our "Orange Dot" campaign with Realself in which all plastic surgeons who are Sientra customers are identified with an orange dot on their profile. Simultaneously, Sientra has advertisements on Realself that explain that the easiest way to identify a board-certified or board-admissible plastic surgeon is by looking for the orange dot because Sientra sells only to board-certified and board-admissible plastic surgeons.

In addition, we achieved a very high 98% worth it approval rating, a metric that is highly relevant to the site and its members as it indicates their approval, the relevance of the material and their decision making. We believe that such targeted efforts utilizing online communities are important elements of our brand expansion and that further targeting such direct-to-consumer marketing will help build consumer engagement with the Sientra brand and create value for our surgeons for the long-term.

Increased Sales Organization to a total of 46 Plastic Surgery Consultants. During the first half of 2015, we increased the number of plastic surgery consultants, or PSCs, by 7 from 39 to 46, and we plan to continue adding more PSCs in order to obtain broader coverage and deeper account penetration in certain geographic markets.

Our Eight-Year Follow-Up Data from the pivotal trial that was the basis of PMA Approval in the United States. In May 2015, an update on the eight-year follow-up data from Sientra's ongoing PMA Study of our gel breast implant, authored by Stevens, Harrington, Alizadeh, et al, was published in the peer-reviewed Aesthetic Surgery Journal. Among the significant statistics reported were data on key complications measured among the 1,116 women in the primary-augmentation cohort of Sientra's Core Study, an ongoing 10-year open label, prospective, multicenter clinical study, including:

	<u>Sientra 8-Year</u>
Rupture (overall)	4.9%
(MRI cohort)	7.2%
(non-MRI cohort)	1.5%
Capsular Contracture (III/IV)	11.2%
Reoperation	20.7%

This newly released 8-year follow-up data allows the following summary of Sientra's key clinical data over various follow-up periods:

	<u>3-Year</u>	<u>5-Year</u>	<u>6-Year</u>	<u>8-Year</u>
	<u>Kaplan-Meier % (KM%)</u>			
Rupture (overall)	0.7	2.0	3.2	4.9
Rupture (MRI cohort)	2.5	4.2	5.4	7.2
Rupture (non-MRI cohort)	0.0	0.6	1.7	1.5
Capsular Contracture	6.0	8.8	10.0	11.2
Reoperation	12.6	16.6	18.7	20.7

Our clinical study was not designed to facilitate head-to-head comparisons with our competitors. However, our clinical data and our competitors' clinical data are publicly available to both surgeons and patients who are able to use such data to compare and contrast competing implants. For example, comparisons of the eight-year follow-up data from our pivotal study to the eight-year follow-up data from our competitors' pivotal studies are shown below. In addition, the graph below shows the MRI rupture rates of our implants and our competitors as measured in the augmentation cohort of each company's approval study.

	<u>Sientra Pivotal Study</u>	<u>Mentor Pivotal Study</u>	<u>Allergan Pivotal Study</u>
	(N=1,116)	(N=552)	(N=455)
Augmentation			
Rupture (overall)	4.9%	NR	5.8%
Rupture (MRI)	7.2%	10.6% (24.2% at 10 years)	7.7% (8.8% at 10 years)
Capsular Contracture (Baker Grade III & IV)	11.2%	10.9%	16.8%
Reoperation	20.7%	20.1%	32.1%

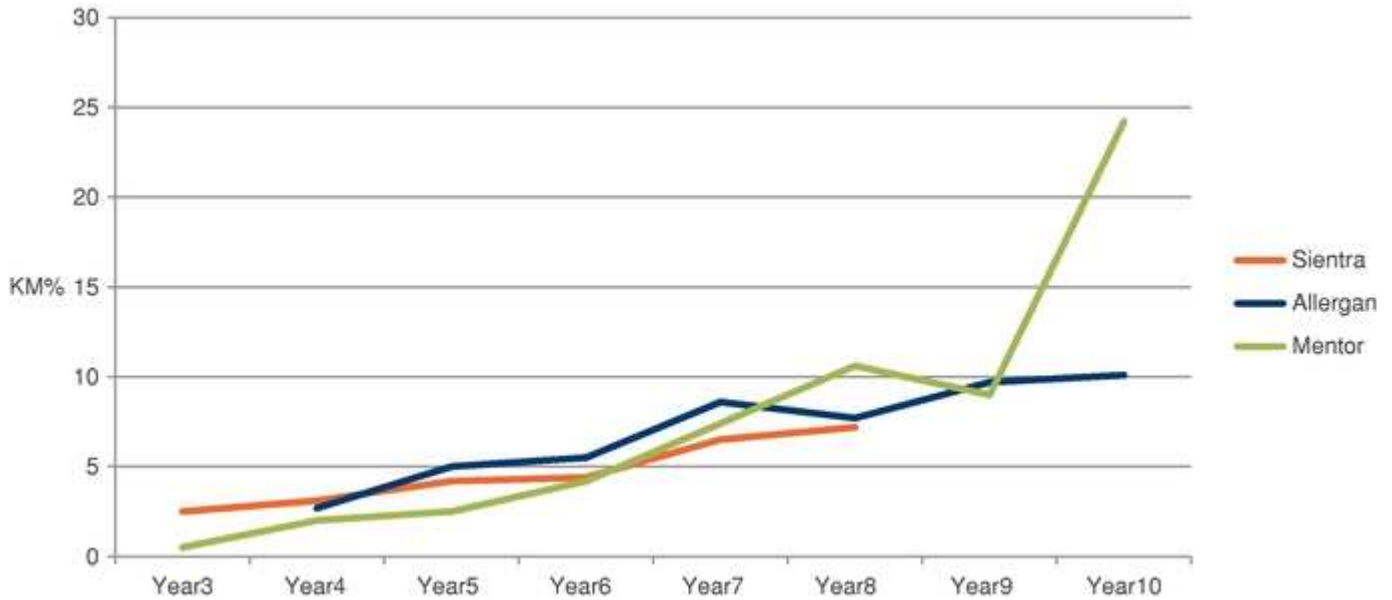
N = Number of patients

NR = Not reported

Key complications by Kaplan-Meier rate (KM%)



MRI rupture trend (augmentation cohort)



As shown above, Sientra's clinical rupture data at 8 years of follow-up compares favorably to both of our competitors' rupture data at eight years. In addition, in 2015, a rupture trending analysis of data from Sientra's Core Study was published. This study evaluated 1,792 implants (approximately 52% of which were smooth and 48% of which were textured) in 935 patients (implanted at 31 sites with an average follow-up of 6.6 years — range 147 days to 10.6 years) of which 43 implants were ruptured. The study showed that, in each of the first two years following implantation there were 2 or fewer ruptures and, following that, in each of years 3-10, there was a single-digit number of ruptures each year, with no real pattern from year-to-year. The most significant finding of the study was the observation that approximately half of the ruptures originated from three particular surgeons which suggests that surgical technique is a significant factor in rupture rates.

Selected Risks Related to Our Business and Our Industry

Our business is subject to numerous risks and uncertainties of which you should be aware before you decide to invest in our common stock. These risks may prevent us from achieving our business objectives, and may adversely affect our business, financial condition, results of operations and prospects. These risks are discussed in greater detail under "Risk Factors" contained in our Annual Report on Form 10-K for the year ended December 31, 2014 and our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2015 and June 30, 2015 that are incorporated by reference into this prospectus and in the section entitled "Risk Factors" beginning on page 13 of this prospectus. These risks include, but are not limited to the following:

- we have incurred significant net operating losses since inception and cannot assure you that we will achieve profitability;
- our future profitability depends on the success of our Breast Products;
- we rely on a foreign, sole source, third-party to manufacture and supply our silicone gel breast implants, tissue expanders and other products;
- there are inherent risks in contracting with manufacturers located outside of the United States such as in Brazil;

- various factors outside our direct control may adversely affect manufacturing and supply of our breast implants, tissue expanders and other products;
- we have a limited operating history and may face difficulties encountered by companies early in their commercialization in competitive and rapidly evolving markets;
- if we fail to compete effectively against our competitors, both of which have significantly greater resources than we have, our net sales and operating results may be negatively affected;
- pricing pressure from customers and our competitors may impact our ability to sell our products at prices necessary to support our current business strategies;
- the long-term (defined as 10 years or more) safety of our products has not fully been established and our breast implants are currently under study in our PMA and post-approval studies, which could reveal unanticipated complications;
- we are subject to extensive federal and state regulation, and if we fail to comply with applicable regulations, we could suffer severe criminal or civil sanctions or be required to restructure our operations, any of which could adversely affect our business, financial condition and operating results;
- if our intellectual property rights do not adequately protect our products or technologies, others could compete against us more directly, which would hurt our profitability; and
- any negative publicity concerning our products could harm our business and reputation and negatively impact our financial results.

Corporate Information

We incorporated in Delaware on August 29, 2003 under the name Juliet Medical, Inc. and subsequently changed our name to Sientra, Inc. in April 2007. Our principal executive offices are located at 420 South Fairview Avenue, Suite 200, Santa Barbara, California 93117, and our telephone number is (805) 562-3500. Our website address is www.sientra.com. The information contained on our website is not a part of this prospectus and the inclusion of our website address in this prospectus is an inactive textual reference only

Implications of Being an Emerging Growth Company

As a company with less than \$1.0 billion in revenue during our last fiscal year, we qualify as an "emerging growth company" as defined in the Jumpstart Our Business Startups Act of 2012, or the JOBS Act. An emerging growth company may take advantage of specified reduced reporting requirements and is relieved of certain other significant requirements that are otherwise generally applicable to public companies. As an emerging growth company:

- we are exempt from the requirement to obtain an attestation and report from our auditors on the assessment of our internal control over financial reporting pursuant to the Sarbanes-Oxley Act of 2002;
- we are permitted to provide less extensive disclosure about our executive compensation arrangements in our periodic reports, proxy statements and registration statements; and
- we are not required to give our stockholders non-binding advisory votes on executive compensation or golden parachute arrangements.

We may take advantage of these provisions until December 31, 2019. However, if certain events occur prior to December 31, 2019, including if we become a "large accelerated filer" as defined in

Rule 12b-2 under the Securities Exchange Act of 1934, as amended, our annual gross revenue equals or exceeds \$1.0 billion or we issue more than \$1.0 billion of non-convertible debt in any three-year period, we will cease to be an emerging growth company prior to December 31, 2019.

We may choose to take advantage of some but not all of these reduced burdens. We have taken advantage of reduced reporting requirements in this prospectus. Accordingly, the information contained herein may be different from the information you receive from our competitors that are public companies, or other public companies in which you have made an investment.

In addition, the JOBS Act provides that an emerging growth company may take advantage of an extended transition period for complying with new or revised accounting standards. We have irrevocably elected not to avail ourselves of this exemption and, therefore, we will be subject to the same new or revised accounting standards as other public companies that are not emerging growth companies.

The Offering

Shares of common stock offered by us	3,500,000 shares.
Shares of common stock to be outstanding immediately after this offering	18,442,696 shares (or 18,967,696 shares if the underwriters exercise in full their option to purchase additional shares).
Option to purchase additional shares	We have granted the underwriters an option to purchase up to 525,000 additional shares of common stock from us. The underwriters can exercise this option at any time within 30 days from the date of this prospectus.
Use of proceeds	We currently anticipate that we will use the net proceeds received by us from this offering for the following purposes: (i) we may acquire or invest in complementary products, technologies, businesses or international expansion opportunities; however, we currently have no agreements or commitments to complete any such transaction, and (ii) for working capital and other general corporate purposes. We may also use a portion of the net proceeds to repay a portion of our long-term debt. For additional information, see "Use of Proceeds."
Risk factors	You should read the "Risk Factors" section of this prospectus, our Annual Report on Form 10-K for the year ended December 31, 2014 and our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2015 and June 30, 2015, incorporated by reference herein, for a discussion of factors to consider carefully before deciding to invest in shares of our common stock.
The NASDAQ Global Select Market symbol	"SIEN."

The number of shares of our common stock to be outstanding immediately after this offering is based on 14,942,696 shares of common stock outstanding as of June 30, 2015, and excludes:

- 47,710 shares of common stock issuable upon exercise of outstanding warrants as of June 30, 2015, at an exercise price of \$14.671 per share;
- 2,231,748 shares of common stock issuable upon exercise of outstanding options to purchase shares of common stock under our 2007 Equity Incentive Plan, or the 2007 Plan, and our 2014 Equity Incentive Plan, or the 2014 Plan, as of June 30, 2015, at a weighted average exercise price of \$7.58 per share;
- 668,112 shares of common stock reserved for future grant or issuance under the 2014 Plan, as of June 30, 2015;
- 404,629 shares of common stock reserved for future grant or issuance under the 2014 Employee Stock Purchase Plan, or ESPP, as of June 30, 2015; and

- 44,250 shares of common stock issued on July 20, 2015 under the ESPP.

Except as otherwise indicated or the context otherwise requires, the information in this prospectus assumes:

- no exercise of the underwriters' option to purchase additional shares; and
 - no exercise of the outstanding warrants or options described above subsequent to June 30, 2015.
-

Summary Financial Data

The following table set forth our summary financial data for the periods and as of the dates indicated. We derived the summary statement of operations data for the years ended December 31, 2012, 2013 and 2014 from our audited financial statements incorporated by reference into this prospectus from our Annual Report on Form 10-K for the year ended December 31, 2014. The summary statement of operations data for the six months ended June 30, 2014 and 2015, and the summary balance sheet data as of June 30, 2015 were derived from our unaudited financial statements incorporated by reference into this prospectus from our Quarterly Report on Form 10-Q for the quarter ended June 30, 2015. In the opinion of management, the unaudited financial statements reflect all adjustments, consisting of normal recurring adjustments, necessary for a fair statement of our results for those periods. Our historical results are not necessarily indicative of future operating results and our interim results are not necessarily indicative of results for a full year or any future period.

The summary financial data should be read together with our financial statements and related notes, "Selected Financial Data" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" included elsewhere in this prospectus or incorporated herein by reference.

	Year Ended December 31,			Six Months Ended June 30,	
	2012	2013	2014	2014	2015
	(Unaudited)				
	(In thousands, except per share and share amounts)				
Statement of operations data:					
Net sales	\$ 10,447	\$ 35,171	\$ 44,733	\$ 21,947	\$ 26,640
Cost of goods sold	2,352	8,592	11,500	5,455	7,174
Gross profit	8,095	26,579	33,233	16,492	19,466
Operating expenses:					
Sales and marketing	17,919	22,229	23,599	11,863	13,805
Research and development	3,670	4,479	4,707	2,305	2,753
General and administrative	9,938	18,078	10,712	4,908	7,664
Total operating expenses	31,527	44,786	39,018	19,076	24,222
Loss from operations	(23,432)	(18,207)	(5,785)	(2,584)	(4,756)
Other (expense) income, net:					
Interest income	—	—	—	—	7
Interest expense	—	(872)	(2,172)	(842)	(1,339)
Other (expense) income, net	(1)	(46)	2,146	2,264	(288)
Total other (expense) income, net	(1)	(918)	(26)	1,422	(1,620)
Loss before income taxes	(23,433)	(19,125)	(5,811)	(1,162)	(6,376)
Income taxes	—	—	—	—	—
Net loss	(23,433)	(19,125)	(5,811)	(1,162)	(6,376)
Per share data:					
Basic and diluted net loss per share					
attributable to common stockholders ⁽¹⁾	\$ (85.01)	\$ (82.25)	\$ (2.28)	\$ (5.58)	\$ (0.43)
Weighted average outstanding common shares used for net loss per share attributable to common stockholders:					
Basic and diluted ⁽¹⁾	275,642	232,512	2,545,371	208,294	14,927,558

(1) For an explanation of the calculations of our basic and diluted net loss per share, see (a) Note 2 to our audited financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2014, incorporated herein by reference, and (b) Note 6 to our unaudited financial statements included in our Quarterly Report on Form 10-Q for the quarter ended June 30, 2015, incorporated herein by reference.

	As of June 30, 2015 (Unaudited) (In thousands)	
	Actual	As Adjusted ^{(1) (2)}
Balance sheet data (at end of period):		
Cash and cash equivalents	\$ 89,659	\$ 166,079
Working capital	93,439	169,859
Total assets	134,413	210,833
Long-term debt	25,686	25,686
Total stockholders' equity	90,437	166,857

- (1) The as adjusted column reflects the receipt of the net proceeds from the sale of 3,500,000 shares of our common stock at an assumed public offering price of \$23.38 per share, the last reported sale price of our common stock on The NASDAQ Global Select Market on September 11, 2015, and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us.
- (2) A \$1.00 increase (decrease) in the assumed public offering price of \$23.38 per share, the last reported sale price of our common stock on The NASDAQ Global Select Market on September 11, 2015, would increase (decrease) each of cash and cash equivalents, working capital, total assets and total stockholders' equity by approximately \$3.3 million, assuming the number of shares offered by us as stated on the cover of this prospectus remains unchanged and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us. Similarly, a 1,000,000 share increase (decrease) in the number of shares offered by us, as set forth on the cover of this prospectus, would increase (decrease) each of cash and cash equivalents, working capital, total assets and total stockholders' equity by approximately \$22.0 million, at the assumed public offering price of \$23.38 per share, and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us. The as adjusted information discussed above is illustrative only and will be adjusted based on the actual public offering price and other terms of our public offering determined at pricing.

RISK FACTORS

Investing in our common stock involves a high degree of risk. Before investing in our common stock, you should consider carefully the risks described below, together with the other information contained in this prospectus or incorporated by reference in this prospectus, including the risks and uncertainties discussed under "Risk Factors" in our Annual Report on Form 10-K for the year ended December 31, 2014 and our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2015 and June 30, 2015, which are incorporated herein by reference in their entirety. The risks and uncertainties described below and incorporated herein by reference are not the only ones we face. Additional risks and uncertainties that we are unaware of or that we deem immaterial may also become important factors that adversely affect our business. If any of the following or other risks actually occur, our business, financial condition, results of operations and future prospects could be materially and adversely affected. In that event, the market price of our stock could decline, and you could lose part or all of your investment.

Risks Relating to this Offering

If you purchase our common stock in this offering, you will incur immediate and substantial dilution in the book value of your shares.

Investors purchasing shares of common stock in this offering will pay a price per share that substantially exceeds the as adjusted net tangible book value per share. As a result, investors purchasing shares of common stock in this offering will incur immediate dilution of approximately \$15.11 per share, based on an assumed public offering price of \$23.38 per share, the last reported sale price of our common stock on The NASDAQ Global Select Market on September 11, 2015, and our as adjusted net tangible book value as of June 30, 2015, after giving effect to this offering. As a result of the dilution to investors purchasing shares in this offering, investors may receive significantly less than the purchase price paid in this offering, if anything, in the event of our liquidation. For more information on the dilution you will experience immediately after this offering, see "Dilution."

Sales of a substantial number of shares of our common stock in the public market could cause our stock price to decline.

Sales of a substantial number of shares of our common stock in the public market could occur at any time. These sales, or the perception in the market that our officers, directors or the holders of a large number of shares of common stock intend to sell shares, could reduce the market price of our common stock. Based on the number of shares of common stock outstanding as of June 30, 2015, and an assumed offering price per share of \$23.38 as of September 11, 2015, upon the closing of this offering, we will have outstanding a total of approximately 18,442,696 shares of common stock. Of these shares, the shares of our common stock sold in our initial public offering, which was completed on November 3, 2014, are currently freely tradable, and the shares to be sold in this offering, plus any shares sold upon exercise of the underwriters' option to purchase additional shares, will be freely tradable, without restriction, in the public market immediately following this offering.

Each of our directors and officers and substantially all of our stockholders, optionholders and warrant holders entered into lock-up agreements with the underwriters in connection with our initial public offering. The lock-up agreements expired on April 27, 2015, and based on shares outstanding as of August 7, 2015, up to an additional 9,127,824 shares of common stock became eligible for sale in the public market, approximately 105,735 of which are held by our executive officers and directors and approximately 8,115,083 of which are held by our affiliates (including stockholders affiliated with our directors) and subject to volume limitations under Rule 144 under the Securities Act. Each of our directors and officers and certain of our stockholders entered into lock-up agreements with the underwriters in connection with this offering which will expire 90 days from the date of this

Table of Contents

prospectus, following which approximately 5,035,512 shares of common stock will be eligible for sale in the public market, approximately 105,735 of which are held by our executive officers and directors and approximately 4,929,777 of which are held by our affiliates (including stockholders affiliated with our directors) and subject to volume limitations under Rule 144 under the Securities Act.

Holders of an aggregate of approximately 7,620,083 shares of our common stock have rights, subject to some conditions, to require us to file registration statements covering their shares or to include their shares in registration statements that we may file for ourselves or other stockholders.

In addition, as of August 7, 2015, options to purchase an aggregate of 2,237,248 shares of our common stock were outstanding under our 2007 Plan and our 2014 Plan, which have been registered on a Registration Statement on Form S-8. In addition, 662,612 shares of common stock that are reserved for issuance under our 2014 Plan are registered on the Registration Statement on Form S-8. These shares can be freely sold in the public market upon issuance and once vested.

We cannot predict what effect, if any, sales of our shares in the public market or the availability of shares for sale will have on the market price of our common stock. Future sales of substantial amounts of our common stock in the public market, including shares issued upon exercise of outstanding options or warrants, or the perception that such sales may occur, however, could adversely affect the market price of our common stock and also could adversely affect our future ability to raise capital through the sale of our common stock or other equity-related securities of ours at times and prices we believe appropriate.

Our management team may invest or spend the proceeds from this offering in ways with which you may not agree or in ways which may not yield a return.

Our management has considerable discretion in the application of the net proceeds from this offering, and you will not have the opportunity as part of your investment decision to assess whether the net proceeds are being used appropriately. Because of the number and variability of factors that will determine our use of the net proceeds from this offering, their ultimate use may vary substantially from their currently intended use. Our management might not apply our net proceeds in ways that ultimately increase the value of your investment. We currently anticipate that we will use the net proceeds from this offering for the following purposes: (i) we may acquire or invest in complementary products, technologies, businesses or international expansion opportunities; however, we currently have no agreements or commitments to complete any such transaction, and (ii) for working capital and other general corporate purposes. We may also use a portion of the net proceeds to repay a portion of our long-term debt. The failure by our management to apply these funds effectively could harm our business. Pending their use, we may invest the net proceeds from this offering in high-quality, short-term interest-bearing obligations, investment-grade instruments, certificates of deposit or direct or guaranteed obligations of the U.S. government. These investments may not yield a favorable return to our stockholders. If we do not invest or apply the net proceeds from this offering in ways that enhance stockholder value, we may fail to achieve expected financial results, which could cause our stock price to decline.

SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus contains, or incorporates by reference, estimates, projections and other forward-looking statements including in the sections entitled "Prospectus Summary," "Risk Factors," "Use of Proceeds," "Management's Discussion and Analysis of Financial Condition and Results of Operations" and "Business". Our estimates, projections and other forward-looking statements are based on our management's current assumptions and expectations of future events and trends, which affect or may affect our business, strategy, operations or financial performance. Although we believe that these estimates, projections and other forward-looking statements are based upon reasonable assumptions, they are subject to numerous known and unknown risks and uncertainties and are made in light of information currently available to us. Many important factors, in addition to the factors described in this prospectus, or incorporated herein by reference, may adversely and materially affect our results as indicated in forward-looking statements. You should read this prospectus, the documents incorporated herein by reference and the documents that we have filed as exhibits, or incorporated by reference, to the registration statement of which this prospectus is a part completely and with the understanding that our actual future results may be materially different from those anticipated or implied in the forward-looking statements.

All statements other than statements of historical fact are forward-looking statements. The words "believe," "may," "might," "could," "will," "aim," "estimate," "continue," "anticipate," "intend," "expect," "plan," or the negative of those terms, and similar expressions that convey uncertainty of future events or outcomes are intended to identify estimates, projections and other forward-looking statements.

Our estimates, projections and other forward-looking statements may be influenced by one or more of the factors set forth under "Risk Factors" above and incorporated herein by reference and one or more of the following factors:

- our history of net operating losses and uncertainty regarding our ability to achieve profitability;
- our dependence on sales of silicone gel breast implants to generate a significant amount of our net sales;
- our reliance on a foreign, sole source, third-party to manufacture and supply our silicone gel breast implants, tissue expanders and other products;
- our limited operating history and any difficulties encountered by us as a result of being a company early in its commercialization;
- our ability to successfully commercialize our products;
- our inability to operate in a competitive industry and compete successfully against competitors that have greater resources than we do;
- pricing pressure from customers and our competitors;
- concern about the safety and efficacy of our products, which is based on limited long-term clinical data;
- the failure of our products to achieve and maintain market acceptance;
- our inability to expand our sales force and marketing programs;
- the productivity of our sales representatives and ability to achieve expected growth;
- our inability to retain a high percentage of our customer base;

Table of Contents

- any inaccuracies in our assumptions about the breast implant market;
- our inability to protect our intellectual property;
- our failure to comply with the applicable governmental regulations to which our products and operations are subject;
- the accuracy of our estimates regarding expenses, net sales, capital requirements and needs for additional financing;
- our expectations regarding the period during which we qualify as an emerging growth company under the JOBS Act; and
- our use of the proceeds from this offering.

Other sections of this prospectus, and incorporated herein by reference, include additional factors that could adversely impact our business, strategy, operations or financial performance. Moreover, we operate in an evolving environment. New risk factors and uncertainties emerge from time to time and it is not possible for our management to predict all risk factors and uncertainties, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements. We qualify all of our forward-looking statements by these cautionary statements.

Estimates, projections and other forward-looking statements speak only as of the date they were made, and, except to the extent required by law, we undertake no obligation to update or review any estimate, projection or forward-looking statement because of new information, future events or other factors. You should, however, review the factors and risks we describe in the reports we will file from time to time with the SEC, after the date of this prospectus. See the information included under the heading "Where You Can Find More Information." Estimates, projections and other forward-looking statements involve risks and uncertainties and are not guarantees of future performance. As a result of the risks and uncertainties described above, the estimates, projections and other forward-looking statements discussed in this prospectus, or incorporated herein by reference, might not occur and our future results and our performance may differ materially from those expressed in these forward-looking statements due to, but not limited to, the factors mentioned above. Because of these uncertainties, you should not place undue reliance on these forward-looking statements when making an investment decision.

USE OF PROCEEDS

We estimate that the net proceeds from our issuance and sale of 3,500,000 shares of our common stock in this offering will be approximately \$76.4 million, or approximately \$88.0 million if the underwriters exercise their option to purchase additional shares in full, assuming a public offering price of \$23.38 per share, the last reported sale price of our common stock on The NASDAQ Global Select Market on September 11, 2015, after deducting estimated underwriting discounts and commissions and estimated offering expenses payable by us.

A \$1.00 increase (decrease) in the assumed public offering price of \$23.38 per share would increase (decrease) our expected net proceeds from this offering by approximately \$3.3 million, assuming the number of shares offered by us, as set forth on the cover page of this prospectus, remains the same and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us.

Similarly, a 1,000,000 share increase (decrease) in the number of shares offered by us, as set forth on the cover page of this prospectus, would increase (decrease) the net proceeds to us by approximately \$22.0 million, at the assumed public offering price of \$23.38 per share, and after deducting estimated underwriting discounts and commissions and estimated offering expenses payable by us.

We currently anticipate that we will use the net proceeds received by us for the following purposes: (i) we may acquire or invest in complementary products, technologies, businesses or international expansion opportunities; however, we currently have no agreements or commitments to complete any such transaction, and (ii) for working capital and other general corporate purposes. We may also use a portion of the net proceeds to repay a portion of our long-term debt. As of June 30, 2015, we had \$25.7 million outstanding on our long-term debt term loans which bear interest at a rate equal to 8.4% per annum. The long-term loan facility consists of (i) a \$7.5 million tranche A term loan, (ii) a \$2.5 million tranche B term loan and (iii) a \$5.0 million tranche C term loan, maturing on February 1, 2017, and (iv) a \$10.0 million tranche D term loan maturing on January 1, 2019.

Our expected use of the net proceeds from this offering is based upon our present plans and business condition. As of the date of this prospectus, we cannot predict with certainty all of the particular uses for the net proceeds to be received upon the completion of this offering or the amounts that we will actually spend on the uses set forth above. The amounts and timing of our actual use of proceeds will vary depending on numerous factors, including the factors described under the heading "Risk Factors" beginning on page 13 of this prospectus, or incorporated herein by reference. As a result, management will retain broad discretion over the allocation of the net proceeds from this offering, and investors will be relying on the judgment of our management regarding the application of the net proceeds.

Pending the use of the net proceeds of this offering, we intend to invest the net proceeds in high-quality, short-term interest-bearing obligations, investment-grade instruments, certificates of deposit or direct or guaranteed obligations of the U.S. government.

MARKET PRICE OF COMMON STOCK

Our common stock has been listed on The NASDAQ Global Select Market under the symbol "SIEN" since October 29, 2014. Prior to that date, there was no public trading market for our common stock. Our common stock priced at \$15.00 per share in our initial public offering on October 28, 2014. The following table sets forth for the periods indicated the high and low intra-day sales prices per share of our common stock as reported on The NASDAQ Global Select Market:

	<u>High</u>	<u>Low</u>
<u>2015</u>		
Third quarter (through September 11)	\$ 25.94	\$ 20.21
Second quarter	\$ 26.67	\$ 15.93
First quarter	\$ 20.93	\$ 14.02
<u>2014</u>		
Fourth quarter (from October 29, 2014)	\$ 19.99	\$ 12.53

On September 11, 2015, the last reported sale price of our common stock on The NASDAQ Global Select Market was \$23.38 per share. As of August 7, 2015, there were 14,986,946 shares of our common stock outstanding and we had 104 holders of record of our common stock. The actual number of stockholders is greater than this number of record holders, and includes stockholders who are beneficial owners, but whose shares are held in street name by brokers and other nominees. This number of holders of record also does not include stockholders whose shares may be held in trust by other entities.

DIVIDEND POLICY

We have never declared or paid any cash dividends on our capital stock. At the present time, we have no plans to declare or pay any cash dividends and intend to retain all of our future earnings, if any, generated by our operations for the development and growth of our business. Any future determination related to our dividend policy will be made by our board of directors and will depend upon, among other factors, our results of operations, financial condition, capital requirements, contractual restrictions, business prospects and other factors that our board of directors may deem relevant. Investors should not purchase our common stock with the expectation of receiving cash dividends. In addition, the terms of our term loan agreement restrict our ability to pay dividends. See the "Management's Discussion and Analysis of Financial Condition and Results of Operations — Indebtedness" section of our Quarterly Report on Form 10-Q for the quarter ended June 30, 2015, incorporated herein by reference, for a description of the restrictions on our ability to pay dividends.

CAPITALIZATION

The following table sets forth our capitalization as of June 30, 2015:

- on an actual basis; and
- on an as adjusted basis to reflect the issuance and sale by us of 3,500,000 shares of our common stock in this offering at an assumed public offering price of \$23.38 per share, the last reported sale price of our common stock on The NASDAQ Global Select Market on September 11, 2015, after deducting the estimated underwriting discounts and estimated offering expenses payable by us.

You should read this table in conjunction with the information included under the heading "Use of Proceeds" included elsewhere in this prospectus, and under the headings "Selected Financial Data," "Management's Discussion and Analysis of Financial Condition and Results of Operations" included elsewhere in this prospectus or incorporated herein by reference.

	As of June 30, 2015	
	Actual	As Adjusted
	(Unaudited)	
	(In thousands, except share amounts)	
Long-term debt	\$ 25,686	\$ 25,686
Stockholders' equity:		
Preferred stock, \$0.01 par value; authorized 10,000,000 shares, none issued or outstanding actual and as adjusted	—	—
Common stock, \$0.01 par value; 200,000,000 shares authorized, 15,015,423 shares issued and 14,942,696 shares outstanding, actual; 200,000,000 shares authorized; 18,515,423 shares issued and 18,442,696 shares outstanding, as adjusted	150	185
Additional paid-in capital	230,969	307,354
Treasury stock, at cost (72,727 shares)	(260)	(260)
Accumulated deficit	(140,422)	(140,422)
Total stockholders' equity	90,437	166,857
Total capitalization	\$ 116,123	\$ 192,543

A \$1.00 increase (decrease) in the assumed public offering price of \$23.38 per share, the last reported sale price of our common stock on The NASDAQ Global Select Market on September 11, 2015, would increase (decrease) our as adjusted additional paid-in capital, total stockholders' equity and total capitalization by approximately \$3.3 million, assuming that the number of shares offered by us, as set forth on the cover page of this prospectus, remains the same and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us. Similarly, a 1,000,000 share increase (decrease) in the number of shares offered by us, as set forth on the cover page of this prospectus, would increase (decrease) our as adjusted additional paid-in capital, total stockholders' equity and total capitalization by approximately \$22.0 million, at the assumed public offering price of \$23.38 per share, and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us.

Table of Contents

The information set forth above is based on 14,942,696 shares of our common stock outstanding as of June 30, 2015, and excludes:

- 47,710 shares of common stock issuable upon exercise of outstanding warrants as of June 30, 2015, at an exercise price of \$14.671 per share;
- 2,231,748 shares of common stock issuable upon exercise of outstanding options to purchase shares of common stock under our 2007 Plan and our 2014 Plan, as of June 30, 2015, at a weighted average exercise price of \$7.58 per share;
- 668,112 shares of common stock reserved for future grant or issuance under the 2014 Plan, as of June 30, 2015;
- 404,629 shares of common stock reserved for future grant or issuance under the ESPP, as of June 30, 2015; and
- 44,250 shares of common stock issued on July 20, 2015 under the ESPP.

DILUTION

If you invest in our common stock in this offering, your ownership interest will be immediately diluted to the extent of the difference between the public offering price per share of our common stock and the net tangible book value per share of our common stock upon completion of this offering.

Net tangible book value per share is determined by dividing our total tangible assets (total assets less intangible assets) less our total liabilities by the number of shares of common stock outstanding. Our historical net tangible book value at June 30, 2015, was 76.1 million, or \$5.09 per share of our common stock.

After giving effect to the sale of 3,500,000 shares of our common stock in this offering, assuming a public offering price of \$23.38 per share, the last reported sale price of our common stock on The NASDAQ Global Select Market on September 11, 2015, and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us, our as adjusted net tangible book value as of June 30, 2015, would have been approximately \$152.5 million, or \$8.27 per share of our common stock. This represents an immediate increase in net tangible book value of approximately \$3.18 per share to existing stockholders, and an immediate dilution of approximately \$15.11 per share to new investors purchasing our common stock in this offering.

The following table illustrates this per share dilution:

Assumed public offering price per share	\$ 23.38
Historical net tangible book value per share as of June 30, 2015	\$ 5.09
Increase in net tangible book value per share attributable to new investors purchasing shares in this offering	\$ 3.18
As adjusted net tangible book value per share after giving effect to this offering	<u>\$ 8.27</u>
Dilution per share to new investors participating in this offering	<u>\$ 15.11</u>

A \$1.00 increase (decrease) in the assumed public offering price of \$23.38 per share, the last reported sale price of our common stock on The NASDAQ Global Select Market on September 11, 2015, would increase (decrease) our as adjusted net tangible book value per share after this offering by approximately \$0.18 and the dilution per share to new investors participating in this offering would increase (decrease) by approximately \$0.82, assuming the number of shares of common stock offered by us, as set forth on the cover page of this prospectus, remains the same and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us. We may also increase or decrease the number of shares we are offering. A 1,000,000 share increase in the number of shares offered by us, as set forth on the cover page of this prospectus, would increase our as adjusted net tangible book value per share after this offering by approximately \$0.71 and the dilution per share to new investors in this offering would decrease by approximately \$0.71, at the assumed public offering price of \$23.38 per share, and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us. Similarly, a 1,000,000 share decrease in the number of shares offered by us would decrease our as adjusted net tangible book value per share after this offering by approximately \$0.79 and the dilution per share to new investors in this offering would increase by approximately \$0.79, at the assumed public offering price of \$23.38 per share, and after deducting the estimated underwriting discounts and commissions and estimated offering expenses payable by us.

The information above assumes that the underwriters do not exercise their option to purchase additional shares. If the underwriters exercise in full their option to purchase 525,000 additional shares of our common stock, assuming a public offering price of \$23.38 share, the last reported sale

Table of Contents

price of our common stock on The NASDAQ Global Select Market on September 11, 2015, our net tangible book value on June 30, 2015, after giving effect to this offering, would have been approximately \$164.0 million, or approximately \$8.65 per share, representing an immediate dilution of \$0.38 per share to new investors purchasing shares of common stock in this offering.

The calculations above are based on 14,942,696 shares outstanding at June 30, 2015, and excludes:

- 47,710 shares of common stock issuable upon exercise of outstanding warrants as of June 30, 2015, at an exercise price of \$14.671 per share;
- 2,231,748 shares of common stock issuable upon exercise of outstanding options to purchase shares of common stock under our 2007 Plan and our 2014 Plan, as of June 30, 2015, at a weighted average exercise price of \$7.58 per share;
- 668,112 shares of common stock reserved for future grant or issuance under the 2014 Plan, as of June 30, 2015;
- 404,629 shares of common stock reserved for future grant or issuance under the ESPP, as of June 30, 2015; and
- 44,250 shares of common stock issued on July 20, 2015 under the ESPP.

To the extent that any outstanding options or warrants described above are exercised or we issue additional shares of common stock in the future, there may be further dilution to investors participating in this offering.

SELECTED FINANCIAL DATA

The following selected financial data should be read together with "Management's Discussion and Analysis of Financial Condition and Results of Operations" and our financial statements and related notes, each incorporated herein by reference. The selected financial data in this section are not intended to replace our financial statements and the related notes.

We derived the selected statement of operations data for the years ended December 31, 2012, 2013 and 2014 and the selected balance sheet data as of December 31, 2013 and 2014 from our audited financial statements incorporated by reference into this prospectus from our Annual Report on Form 10-K for the year ended December 31, 2014. The selected balance sheet data as of December 31, 2012 has been derived from our audited financial statements, which are not included in or incorporated by reference into this prospectus. The selected statement of operations data for the six months ended June 30, 2014 and 2015, and the selected balance sheet data as of June 30, 2015 were derived from our unaudited financial statements incorporated by reference into this prospectus from our Quarterly Report on Form 10-Q for the quarter ended June 30, 2015. In the opinion of management, the unaudited financial statements reflect all adjustments, consisting of normal recurring adjustments, necessary for a fair statement of our results for those periods. Our historical results are not necessarily indicative of future operating results and our interim results are not necessarily indicative of results for a full year or any future period.

	Year Ended December 31,			Six Months Ended June 30,	
	2012	2013	2014	2014	2015
	(Unaudited)				
	(In thousands, except per share and share amounts)				
Statement of operations data:					
Net sales	\$ 10,447	\$ 35,171	\$ 44,733	\$ 21,947	\$ 26,640
Cost of goods sold	2,352	8,592	11,500	5,455	7,174
Gross profit	8,095	26,579	33,233	16,492	19,466
Operating expenses:					
Sales and marketing	17,919	22,229	23,599	11,863	13,805
Research and development	3,670	4,479	4,707	2,305	2,753
General and administrative	9,938	18,078	10,712	4,908	7,664
Total operating expenses	31,527	44,786	39,018	19,076	24,222
Loss from operations	(23,432)	(18,207)	(5,785)	(2,584)	(4,756)
Other (expense) income, net:					
Interest income	—	—	—	—	7
Interest expense	—	(872)	(2,172)	(842)	(1,339)
Other (expense) income, net	(1)	(46)	2,146	2,264	(288)
Total other (expense) income, net	(1)	(918)	(26)	1,422	(1,620)
Loss before income taxes	(23,433)	(19,125)	(5,811)	(1,162)	(6,376)
Income taxes	—	—	—	—	—
Net loss	(23,433)	(19,125)	(5,811)	(1,162)	(6,376)
Per share data:					
Basic and diluted net loss per share attributable to common stockholders ⁽¹⁾					
	\$ (85.01)	\$ (82.25)	\$ (2.28)	\$ (5.58)	\$ (0.43)
Weighted average outstanding common shares used for net loss per share attributable to common stockholders:					
Basic and diluted ⁽¹⁾	275,642	232,512	2,545,371	208,294	14,927,558

(1) For an explanation of the calculations of our basic and diluted net loss per share, see (a) Note 2 to our audited financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2014, incorporated herein by reference, and (b) Note 6 to our unaudited financial statements included in our Quarterly Report on Form 10-Q for the quarter ended June 30, 2015, incorporated herein by reference.

	As of December 31,			As of June 30,
	2012	2013	2014	2015 (Unaudited)
	(In thousands)			
Balance sheet data (at end of period):				
Cash and cash equivalents	\$ 39,208	\$ 9,722	\$ 96,729	\$ 89,659
Working capital	27,718	24,509	103,151	93,439
Total assets	69,358	53,166	139,078	134,413
Long-term debt	—	15,092	25,428	25,686
Convertible preferred stock	150,456	150,456	—	—
Total stockholders' (deficit) equity	(107,640)	(126,673)	95,639	90,437

CERTAIN RELATIONSHIPS AND RELATED PARTY TRANSACTIONS

The following includes a summary of transactions since January 1, 2012 to which we have been a party, in which the amount involved in the transaction exceeded \$120,000, and in which any of our directors, executive officers or, to our knowledge, beneficial owners of more than 5% of our capital stock or any member of the immediate family of any of the foregoing persons had or will have a direct or indirect material interest, other than equity and other compensation, termination, change of control and other arrangements, which are described elsewhere in this prospectus or in a document incorporated herein by reference.

Series C Preferred Stock Financing

In March 2012, we entered into a Series C preferred stock purchase agreement, or the Series C purchase agreement, pursuant to which we issued and sold to investors an aggregate of 12,183,690 shares of our Series C preferred stock, at a purchase price of \$5.335 per share, for an aggregate purchase price of approximately \$65.0 million.

The participants in this preferred stock financing included the following holders of more than 5% of our capital stock or entities affiliated with them. The following table sets forth the aggregate number of shares of Series C preferred stock issued to these related parties in this preferred stock financing.

<u>Participants</u>	<u>Shares of Series C Preferred Stock</u>
Greater than 5% stockholders	
Abingworth Bioventures V LP ⁽¹⁾	4,686,035
OrbiMed Private Investments III, LP ⁽²⁾	2,811,621
Clarus Lifesciences I, L.P.	2,811,621
Goldman Sachs Private Equity Concentrated Healthcare Funds Offshore Holding, L.P. ⁽³⁾	810,995
Teachers Insurance and Annuity Association of America	1,063,418

(1) Includes 2,343,018 shares of Series C preferred stock issued to Abingworth Bioventures V Co-Invest Growth Equity Fund LP.

(2) Includes 26,252 shares of Series C preferred stock issued to OrbiMed Associates III, LP.

(3) Includes: (i) 133,075 shares of Series C preferred stock issued to Private Equity Partners 2000 Direct Investment Fund LP, (ii) 230,228 shares of Series C preferred stock issued to Private Equity Partners 2000 LP, (iii) 129,954 shares of Series C preferred stock issued to Private Equity Partners 2000 Offshore Holdings LP, (iv) 38,989 shares of Series C preferred stock issued to Private Equity Partners 2002 Direct Investment Fund LP and (v) 172,780 shares of Series C preferred stock issued to Private Equity Partners 2002 Offshore Holdings LP.

Each share of Series C preferred stock referenced in the discussion above converted on a 2.75-to-1 basis into shares of our common stock in connection with our initial public offering, which closed on November 3, 2014.

Certain of our directors and executive officers have affiliations with the investors that participated in the preferred stock financing described above, as indicated in the table below:

<u>Directors</u>	<u>Principal Stockholder</u>
Nicholas Simon	Clarus Lifesciences I, L.P.
Timothy Haines	Abingworth Bioventures V LP and affiliated entities

Rishi Gupta, a former member of our board of directors, had an affiliation with OrbiMed Private Investments III, LP and affiliated entities.

Investor Agreements

In connection with our preferred stock financing, we entered into an amended and restated investor rights agreement with certain holders of our preferred stock and certain holders of our common stock, including all of the holders of more than 5% of our capital stock or entities affiliated with them, containing information rights, rights of first refusal and certain registration rights which are more fully described below in "Description of Capital Stock — Registration Rights." All registration rights will terminate at the earlier of (i) the date five years after our initial public offering, or (ii) as to any holder of registrable securities, the first date after our initial public offering on which such holder is able to dispose of all of its registrable securities without restriction under Rule 144 of the Securities Act. The rights of first refusal terminated upon the closing of our initial public offering.

In connection with our preferred stock financing, we also entered into an amended and restated voting agreement with certain holders of our preferred stock and certain holders of our common stock, including all of the holders of more than 5% of our capital stock or entities affiliated with them, containing voting rights with respect to elections of our board of directors and certain proposed sale transactions. This agreement terminated in its entirety upon the closing of our initial public offering.

Employment Arrangements

We have entered into written employment severance agreements with our executive officers as more fully described in our definitive proxy statement on Schedule 14A, filed with the SEC on April 30, 2015, which is incorporated herein by reference.

Stock Options Granted to Executive Officers and Directors

We have granted stock options to our executive officers and directors, as more fully described in our definitive proxy statement on Schedule 14A, filed with the SEC on April 30, 2015, which is incorporated herein by reference.

Participation in Initial Public Offering

Abingworth Bioventures V LP, a stockholder who holds more than 5% of our capital stock and which one of our directors, Timothy Haines, is a member of the investment committee of, purchased, together with an affiliated entity, an aggregate of 495,000 shares of our common stock in our initial public offering, which closed on November 3, 2014, amounting to \$7.4 million at the initial public offering price of \$15.00 per share.

Indemnification Agreements

We have entered, and intend to continue to enter, into separate indemnification agreements with our directors and executive officers, in addition to the indemnification provided for in our amended and restated bylaws. These agreements, among other things, require us to indemnify our directors and executive officers for certain expenses, including attorneys' fees, judgments, fines and settlement amounts incurred by a director or executive officer in any action or proceeding arising out of their services as one of our directors or executive officers or as a director or executive officer of any other company or enterprise to which the person provides services at our request. We believe that these bylaw provisions and indemnification agreements are necessary to attract and retain qualified persons as directors and officers.

The limitation of liability and indemnification provisions in our amended and restated certificate of incorporation and amended and restated bylaws may discourage stockholders from bringing a lawsuit against directors for breach of their fiduciary duties. They may also reduce the likelihood of derivative

litigation against directors and officers, even though an action, if successful, might benefit us and our stockholders. A stockholder's investment may decline in value to the extent we pay the costs of settlement and damage awards against directors and officers pursuant to these indemnification provisions.

Policies and Procedures for Transactions with Related Persons

We have adopted a written related-person transactions policy that sets forth our policies and procedures regarding the identification, review, consideration and oversight of "related-person transactions." For purposes of our policy only, a "related-person transaction" is a transaction, arrangement or relationship (or any series of similar transactions, arrangements or relationships) in which we and any "related person" are participants involving an amount that exceeds \$120,000.

Transactions involving compensation for services provided to us as an employee, consultant or director are not considered related-person transactions under this policy. A related person is any executive officer, director or a holder of more than five percent of our common stock, including any of their immediate family members and any entity owned or controlled by such persons.

Under the policy, where a transaction has been identified as a related-person transaction, management must present information regarding the proposed related-person transaction to our audit committee (or, where review by our audit committee would be inappropriate, to another independent body of our board of directors) for review. The presentation must include a description of, among other things, the material facts, the direct and indirect interests of the related persons, the benefits of the transaction to us and whether any alternative transactions are available. To identify related-person transactions in advance, we rely on information supplied by our executive officers, directors and certain significant stockholders. In considering related-person transactions, our audit committee or another independent body of our board of directors takes into account the relevant available facts and circumstances including, but not limited to:

- the risks, costs and benefits to us;
- the impact on a director's independence in the event the related person is a director, immediate family member of a director or an entity with which a director is affiliated;
- the terms of the transaction;
- the availability of other sources for comparable services or products; and
- the terms available to or from, as the case may be, unrelated third parties or to or from our employees generally.

In the event a director has an interest in the proposed transaction, the director must recuse himself or herself from the deliberations and approval.

DESCRIPTION OF CAPITAL STOCK

The following is a summary of the rights of our common and preferred stock and some of the provisions of our amended and restated certificate of incorporation and amended and restated bylaws and of the General Corporation Law of the State of Delaware. This summary is not complete. For more detailed information, please see our amended and restated certificate of incorporation and amended and restated bylaws, which are filed as exhibits to the registration statement of which this prospectus is a part, as well as the relevant provisions of the General Corporation Law of the State of Delaware.

General

Our amended and restated certificate of incorporation provides for common stock and undesignated preferred stock, the rights, preferences and privileges of which may be designated from time to time by our board of directors. Our authorized capital stock consists of 200,000,000 shares of common stock, par value \$0.01 per share and 10,000,000 shares of preferred stock, par value \$0.01 per share.

Common Stock

Outstanding Shares

As of June 30, 2015, there were 14,942,696 shares of our common stock outstanding and held by 100 stockholders of record. Based on such number of shares of common stock outstanding as of June 30, 2015, and assuming the issuance by us of 3,500,000 shares of common stock in this offering, there will be 18,442,696 shares of common stock outstanding upon the closing of this offering.

Dividend Rights

Subject to preferences that may apply to any shares of preferred stock outstanding at the time, the holders of outstanding shares of our common stock are entitled to receive dividends out of funds legally available at the times and in the amounts that our board of directors may determine.

Voting Rights

Holders of our common stock are entitled to one vote per share. We have not provided for cumulative voting for the election of directors in our amended and restated certificate of incorporation. The board of directors is divided into three classes, which are as nearly equal in number as possible, with each director elected at an annual stockholders' meeting following the date of our initial public offering serving a three-year term and one class being elected at each year's annual stockholder meeting.

Rights and Preferences

Holders of our common stock have no preemptive, conversion or subscription rights, and there are no redemption or sinking fund provisions applicable to our common stock. The rights, preferences and privileges of the holders of our common stock are subject to, and may be adversely affected by, the rights of the holders of shares of any series of our preferred stock that we may designate and issue in the future.

Right to Receive Liquidation Distributions

Upon our liquidation, dissolution, distribution of assets or winding-up, the assets legally available for distribution to our stockholders would be distributable ratably among the holders of our common stock and any participating preferred stock outstanding at that time, if any, after payment of liquidation preferences, if any, on any outstanding shares of preferred stock and payment of other claims of creditors.

Fully Paid and Non-Assessable

All of the outstanding shares of our common stock are, and the shares of our common stock to be issued pursuant to this offering will be, fully paid and non-assessable.

Preferred Stock

As of June 30, 2015, there were no shares of our preferred stock outstanding.

Under our amended and restated certificate of incorporation, our board of directors has the authority, without further action by the stockholders, to issue up to 10,000,000 shares of preferred stock in one or more series, to establish from time to time the number of shares to be included in each such series, to fix the rights, preferences and privileges of the shares of each wholly unissued series and any qualifications, limitations or restrictions thereon and to increase or decrease the number of shares of any such series, but not below the number of shares of such series then outstanding.

Our board of directors may authorize the issuance of preferred stock with voting or conversion rights that could adversely affect the voting power or other rights of the holders of the common stock. The issuance of preferred stock, while providing flexibility in connection with possible acquisitions and other corporate purposes, could, among other things, have the effect of delaying, deferring or preventing a change in our control that may otherwise benefit holders of our common stock and may adversely affect the market price of the common stock and the voting and other rights of the holders of common stock. We have no current plans to issue any shares of preferred stock.

Options

As of June 30, 2015, options to purchase an aggregate of 2,231,748 shares of common stock were outstanding under our 2007 Plan and our 2014 Plan, at a weighted average exercise price of \$7.58 per share.

Warrants

As of June 30, 2015, we had outstanding warrants to purchase an aggregate of 47,710 shares of our common stock with an exercise price of \$14.671 per share, as follows:

<u>Class of Stock</u>	<u>Number of Shares of Stock Subject to Warrant</u>	<u>Exercise Price per Share</u>	<u>Expiration Date</u>
Common Stock	7,156	\$ 14.671	January 17, 2020
Common Stock	8,179	\$ 14.671	January 17, 2020
Common Stock	3,067	\$ 14.671	August 1, 2020
Common Stock	2,044	\$ 14.671	August 1, 2020
Common Stock	5,112	\$ 14.671	December 13, 2020
Common Stock	5,112	\$ 14.671	December 13, 2020
Common Stock	8,520	\$ 14.671	June 30, 2021
Common Stock	8,520	\$ 14.671	June 30, 2021

Exclusive Jurisdiction

Unless we consent in writing to the selection of an alternative forum, the Court of Chancery of the State of Delaware will be the sole and exclusive forum for (i) any derivative action or proceeding brought on behalf of us, (ii) any action asserting a claim of breach of a fiduciary duty owed by any of our directors, officers or other employees to Sientra or our stockholders, (iii) any action asserting a

claim arising pursuant to any provision of the General Corporation Law of the State of Delaware or our certificate of incorporation or bylaws, or (iv) any action asserting a claim against us governed by the internal affairs doctrine. The enforceability of similar choice of forum provisions in other companies' certificates of incorporation has been challenged in legal proceedings, and it is possible that, in connection with any action, a court could find the choice of forum provisions contained in our amended and restated certificate of incorporation to be inapplicable or unenforceable in such action.

Registration Rights

Certain holders of our common stock, or their transferees, are entitled to the registration rights set forth below with respect to registration of the resale of such shares under the Securities Act pursuant to the investor rights agreement, as amended, by and among us and certain of our stockholders.

Demand Registration Rights

At any time, upon the written request of certain of the holders of the registrable securities then outstanding that we file a registration statement under the Securities Act covering the registration of the registrable securities resulting in net offering proceeds of at least \$35.0 million, we will be obligated to notify all holders of registrable securities of such request and to use our reasonable best efforts to register the sale of all registrable securities that holders may request to be registered. We are not required to effect more than three registration statements which are declared or ordered effective. We may postpone the filing of a registration statement for up to 90 days twice in any 12-month period if in the good faith judgment of our board of directors such registration would be detrimental to us. The underwriters of any underwritten offering will have the right to limit the number of shares having registration rights to be included in the registration statement.

"Piggyback" Registration Rights

If we register any securities for public sale, holders of registration rights will have the right to include their shares in the registration statement. The underwriters of any underwritten offering will have the right to limit the number of shares having registration rights to be included in the registration statement, but not below 25% of the total number of shares included in the registration statement.

Form S-3 Registration Rights

If we are eligible to file a registration statement on Form S-3, from any time after the one year anniversary of our initial public offering, holders of registrable securities have the right to demand that we file a registration statement on Form S-3 so long as the aggregate price to the public of the securities to be sold under the registration statement on Form S-3 is at least \$1.0 million. We may postpone the filing of a registration statement for up to 90 days twice in any 12-month period if in the good faith judgment of our board of directors such registration would be detrimental to us, and we are only obligated to effect up to two registrations on Form S-3 in any 12-month period. We may also postpone the filing of a registration statement if we notify the holders of the registrable securities within 30 days of our intention to make a public offering within 90 days.

Expenses of Registration

Generally, we are required to bear all registration and selling expenses incurred in connection with the demand, piggyback and Form S-3 registrations described above, other than underwriting discounts and commissions.

Expiration of Registration Rights

The demand, piggyback and Form S-3 registration rights discussed above will terminate upon the earlier of (i) November 4, 2019 or (ii) as to any holder of registrable securities, the first date after our initial public offering on which such holder is able to dispose of all of its registrable securities without restriction under Rule 144 of the Securities Act.

Anti-Takeover Effects of Provisions of Our Amended and Restated Certificate of Incorporation, Our Amended and Restated Bylaws and Delaware Law

Delaware Anti-Takeover Law

We are subject to Section 203 of the General Corporation Law of the State of Delaware, or Section 203. Section 203 generally prohibits a public Delaware corporation from engaging in a "business combination" with an "interested stockholder" for a period of three years after the date of the transaction in which the person became an interested stockholder, unless:

- prior to the date of the transaction, the board of directors of the corporation approved either the business combination or the transaction which resulted in the stockholder becoming an interested stockholder;
- the interested stockholder owned at least 85% of the voting stock of the corporation outstanding upon consummation of the transaction, excluding for purposes of determining the number of shares outstanding (a) shares owned by persons who are directors and also officers and (b) shares owned by employee stock plans in which employee participants do not have the right to determine confidentially whether shares held subject to the plan will be tendered in a tender or exchange offer; or
- on or subsequent to the consummation of the transaction, the business combination is approved by the board and authorized at an annual or special meeting of stockholders, and not by written consent, by the affirmative vote of at least $66 \frac{2}{3} \%$ of the outstanding voting stock which is not owned by the interested stockholder.
- Section 203 defines a business combination to include:
 - any merger or consolidation involving the corporation and the interested stockholder;
 - any sale, transfer, pledge or other disposition involving the interested stockholder of 10% or more of the assets of the corporation;
 - subject to exceptions, any transaction involving the corporation that has the effect of increasing the proportionate share of the stock of any class or series of the corporation beneficially owned by the interested stockholder;
 - subject to exceptions, any transaction that results in the issuance or transfer by the corporation of any stock of the corporation to the interested stockholder; and
 - the receipt by the interested stockholder of the benefit of any loans, advances, guarantees, pledges or other financial benefits provided by or through the corporation.

In general, Section 203 defines an interested stockholder as any entity or person beneficially owning 15% or more of the outstanding voting stock of the corporation and any entity or person affiliated with or controlling or controlled by the entity or person.

Amended and Restated Certificate of Incorporation and Amended and Restated Bylaws

Provisions of our amended and restated certificate of incorporation and amended and restated bylaws may delay or discourage transactions involving an actual or potential change in our control or change in our management, including transactions in which stockholders might otherwise receive a premium for their shares or transactions that our stockholders might otherwise deem to be in their best interests. Therefore, these provisions could adversely affect the price of our common stock. Among other things, our amended and restated certificate of incorporation and amended and restated bylaws provide that:

- our board of directors may issue up to 10,000,000 shares of preferred stock, with any rights, preferences and privileges as they may designate (including the right to approve an acquisition or other change in our control);
- the authorized number of directors may be changed only by resolution adopted by a majority of the board of directors;
- the board of directors or any individual director may be removed only for cause and only by the affirmative vote of the holders of at least $66\frac{2}{3}\%$ of the voting power of all of our then outstanding common stock;
- all vacancies, including newly created directorships, may, except as otherwise required by law or subject to the rights of holders of preferred stock as designated from time to time, be filled by the affirmative vote of a majority of directors then in office, even if less than a quorum;
- our board of directors shall be divided into three classes;
- any action to be taken by our stockholders must be effected at a duly called annual or special meeting of stockholders and not be taken by written consent;
- stockholders seeking to present proposals before a meeting of stockholders or to nominate candidates for election as directors at a meeting of stockholders must provide notice in writing in a timely manner and also specify requirements as to the form and content of a stockholder's notice;
- there may not be cumulative voting (therefore allowing the holders of a majority of the shares of common stock entitled to vote in any election of directors to elect all of the directors standing for election, if they should so choose);
- special meetings of our stockholders may be called only by the chairman of the board, our Chief Executive Officer or by the board of directors pursuant to a resolution adopted by a majority of the total number of authorized directors (whether or not there exists any vacancies); and
- the Court of Chancery of the State of Delaware will be the sole and exclusive forum for (i) any derivative action or proceeding brought on our behalf, (ii) any action asserting a claim of breach of a fiduciary duty owed by any of our directors or officers to us or our stockholders, (iii) any action asserting a claim against the us arising pursuant to any provision of the DGCL or our certificate of incorporation or bylaws, or (iv) any action asserting a claim against us governed by the internal affairs doctrine.

The amendment of any of these provisions, with the exception of the ability of our board of directors to issue shares of preferred stock and designate any rights, preferences and privileges thereto, would require the affirmative vote of the holders of at least $66\frac{2}{3}\%$ of the voting power of all of our then outstanding common stock.

Annual Stockholder Meetings

Our amended and restated bylaws provide that annual stockholder meetings will be held at a date, time and place as exclusively selected by our board of directors.

Listing

Our common stock is listed on The NASDAQ Global Select Market under the symbol "SIEN."

Transfer Agent and Registrar

The transfer agent and registrar for our common stock is Computershare Trust Company, N.A., or Computershare. The address of Computershare is 250 Royall Street, Canton, Massachusetts 02021 and the telephone number is (877) 373-6374.

PRINCIPAL STOCKHOLDERS

The following table and accompanying footnotes set forth certain information with respect to the beneficial ownership of our common stock, as of August 7, 2015, and as adjusted to reflect the shares of common stock to be issued and sold in this offering, assuming no exercise of the underwriters' option to purchase additional shares, by:

- each person, or group of affiliated persons, known by us to be the beneficial owner of more than 5% of our outstanding shares of common stock;
- each of our directors;
- each of our executive officers; and
- all our current executive officers and directors as a group.

For purposes of the table below, the percentage ownership calculations for beneficial ownership prior to this offering are based on 14,986,946 shares of our common stock outstanding as of August 7, 2015. The information relating to the number and percentage of shares beneficially owned after the offering assumes the sale by us of 3,500,000 shares of common stock in this offering. The percentage ownership information assumes no exercise of the underwriters' option to purchase additional shares.

Beneficial ownership is determined in accordance with the rules of the SEC and includes voting or investment power with respect to the securities. Shares of common stock that may be acquired by an individual or group within 60 days of August 7, 2015, pursuant to the exercise of options, warrants or other rights, are deemed to be outstanding for the purpose of computing the percentage ownership of such individual or group, but are not deemed to be outstanding for the purpose of computing the percentage ownership of any other person shown in the table. This table is based upon information supplied by officers, directors and principal stockholders and Schedules 13G and 13D filed with the SEC.

Except as indicated in footnotes to this table, we believe that the stockholders named in this table have sole voting and investment power with respect to all shares of common stock shown to be beneficially owned by them, based on information provided to us by such stockholders. The address for each

director and executive officer listed below is: c/o Sientra, Inc., 420 South Fairview Avenue, Suite 200, Santa Barbara, California 93117.

Name of Beneficial Owner	Shares Beneficially Owned	Percentage of Shares Beneficially Owned	
		Before the Offering	After the Offering
5% Stockholders:			
Entities affiliated with Abingworth Bioventures V LP ⁽¹⁾	2,199,012	14.67%	11.89%
Entities affiliated with OrbiMed Private Investments III, LP. ⁽²⁾	3,185,306	21.25%	17.23
Clarus Lifesciences I, L.P. ⁽³⁾	2,730,765	18.22%	14.77
Entities affiliated with Private Equity Managers (Healthcare) Offshore Holdings LP ⁽⁴⁾	783,002	5.22%	4.24
Visium Balanced Master Fund, Ltd. ⁽⁵⁾	1,475,000	9.84%	7.98
Executive Officers and Directors:			
Hani Zeini ⁽⁶⁾	651,408	4.19%	3.42
Matthew Pigeon ⁽⁷⁾	108,802	*	*
Charles Huiner ⁽⁸⁾	32,243	*	*
Joel Smith ⁽⁹⁾	87,685	*	*
Nicholas Simon ⁽¹⁰⁾	2,732,526	18.23%	14.78
Timothy Haines ⁽¹¹⁾	2,200,773	14.68%	11.90
R. Scott Greer ⁽¹²⁾	15,574	*	*
Kevin O'Boyle ⁽¹³⁾	5,574	*	*
Jeffrey Nugent ⁽¹⁴⁾	5,574	*	*
All executive officers and directors as a group (9 persons) ⁽¹⁵⁾	5,840,159	36.98%	30.27%

* Represents beneficial ownership of less than 1.0%

- (1) Consists of (i) 1,099,506 shares held of record by Abingworth Bioventures V LP, or ABV V, and (ii) 1,099,506 shares held of record by Abingworth Bioventures V Co-Invest Growth Equity Fund LP., or AGE. ABV V and AGE are collectively referred to as the "Abingworth Funds." The investment manager of the Abingworth Funds is Abingworth LLP, or Abingworth. Abingworth Bioventures V GP LP, a Scottish limited partnership, serves as the general partner of each of the Abingworth Funds. Abingworth Bioventures V GP LP has delegated to Abingworth all investment and dispositive power over the shares held by the Abingworth Funds. An investment committee of Abingworth, comprised of Joseph Anderson, Michael F. Bigham, Timothy Haines, one of our directors, Genghis Lloyd-Harris and Stephen W. Bunting, approves investment and voting decisions by a majority vote, and no individual member has the sole control or voting power over the shares held by the Abingworth Funds. Each of Abingworth Bioventures V GP LP, Abingworth Bioventures V LP Limited, Joseph Anderson, Michael F. Bigham, Timothy Haines, one of our directors, Genghis Lloyd-Harris and Stephen W. Bunting disclaims beneficial ownership of all shares held of record held by the Abingworth Funds. The address for the Abingworth Funds is c/o Abingworth LLP, 38 Jermyn Street, London SW1Y 6DN, United Kingdom.
- (2) Consists of (i) 3,155,258 shares held of record by OrbiMed Private Investments III, LP, or OPI III, and (ii) 30,048 shares held of record by OrbiMed Associates III, LP, or Associates III. OPI III and Associates III are collectively referred to as the "OrbiMed Funds". OrbiMed Capital GP III LC, or GP III, is the sole general partner of OPI III and as such may be deemed to beneficially own the shares held of record by OPI III. OrbiMed Advisors LLC, or OrbiMed, is the general partner of Associates III and the sole managing member of GP III, and may be deemed to beneficially own the shares held of record by the OrbiMed Funds. Samuel D. Isaly is the managing member of and owner of a controlling interest in OrbiMed and may be deemed to have voting and investment power over shares held by OPI III and Associates III. Mr. Isaly disclaims beneficial ownership over such shares, except to the extent of his pecuniary interest therein. Mr. Isaly disclaims beneficial ownership of all shares held of record by the OrbiMed Funds in which he does not have a pecuniary interest. Rishi Gupta, one of our directors, is a private equity partner at OrbiMed and may be deemed to have voting and investment power over shares held by the OrbiMed Funds. Mr. Gupta disclaims beneficial ownership over such shares, except to the extent of his pecuniary interest therein. The address for the OrbiMed Funds entities is c/o OrbiMed Advisors LLC, 601 Lexington Avenue, 54th Floor, New York, NY 10024
- (3) Consists of 2,730,765 shares held of record by Clarus Lifesciences I, L.P., or Clarus I. Clarus Ventures I Management, L.P., or Clarus I GPLP, is the sole general partner of Clarus I and may be deemed to beneficially own certain of the shares held by Clarus I. Clarus I GPLP disclaims beneficial ownership of all shares held of record by Clarus I in which Clarus I GPLP does not have a pecuniary interest. Clarus Ventures I, LLC, or Clarus I G PLLC, is the sole general partner of Clarus I GPLP, and may be deemed to beneficially own certain of the shares held of record by Clarus I. Clarus I G PLLC disclaims beneficial ownership of all shares held of record by Clarus I in which it does not have a pecuniary interest. Each of Messrs. Henner, Liptak, Galakatos, Simon, one of our directors, Steinmetz and Wheeler, as individual managing directors of Clarus I G PLLC, may be deemed to beneficially own certain of the shares held of record by Clarus I. Each of Messrs. Galakatos, Henner, Liptak, Simon, Steinmetz and Wheeler disclaims beneficial ownership of all shares held of record by Clarus I in which he does not have a pecuniary interest. The address for Clarus I is 101 Main Street, Suite 1210, Cambridge, MA 02142.

- (4) Consists of (i) 102,311 shares held of record by Private Equity Managers (Healthcare) Offshore Holdings LP, or PEM Healthcare Offshore, (ii) 128,482 shares held of record by Private Equity Partners 2000 Direct Investment Fund LP, or PEP 2000 Direct, (iii) 222,282 shares held of record by Private Equity Partners 2000 LP, or PEP 2000, (iv) 125,469 shares held of record by Private Equity Partners 2000 Offshore Holdings LP, or PEP 2000 Offshore, (v) 37,642 shares held of record by Private Equity Partners 2002 Direct Investment Fund LP, or PEP 2002 Direct, and (vi) 166,816 shares held of record by Private Equity Partners 2002 Offshore Holdings LP, or PEP 2002 Offshore. PEM Healthcare Offshore, PEP 2000 Direct, PEP 2000, PEP 2000 Offshore, PEP 2002 Direct and PEP 2002 Offshore are collectively referred to as the "GS Funds." The investment manager of the GS Funds is Goldman Sachs Asset Management, L.P., or GSAM. GSAM Gen-Par, LLC, a Delaware limited liability company, serves as the managing member of the general partner of those GS Funds organized in Delaware, and as the director of the general partner of those GS Funds organized in the Cayman Islands. GSAM Gen-Par, LLC has signing authority for the GS Funds and GSAM has all investment and dispositive power over the shares held of record by the GS Funds. An investment committee of senior members of The AIMS Private Equity Group of GSAM comprised of Michael J. Brandmeyer, Michael R. Miele, Marc O. Boheim, Harold P. Hope III, Julia Feldman, Suzanne Gauron, Stephen Lessar, Gabriel Mollerberg, Konnin Tam and Christian von Schimmelmann approves investment and voting decisions by a majority vote, and no individual member has the sole control or voting power over the shares held of record by the GS Funds. Each of such members disclaims beneficial ownership of all shares held of record held by the GS Funds. The address for the GS Funds is c/o The AIMS Private Equity Group, 200 West Street, New York, NY 10282.
- (5) Consists of 1,475,000 shares held of record by Visium Balanced Master Fund, Ltd, a Cayman Island corporation, or VBMF. Visium Asset Management, L.P, a Delaware limited partnership, or VAM, is an investment manager to VBMF and may be deemed to beneficially own the shares held by VBMF. VAM disclaims beneficial ownership of all shares held of record by VBMF in which VAM does not have a pecuniary interest. JG Asset, LLC, a Delaware limited liability company, or JG Asset, is the general partner of VAM and may be deemed to beneficially own the shares held by VBMF. JG Asset disclaims beneficial ownership of all shares held of record by VBMF in which JG Asset does not have a pecuniary interest. Jacob Gottlieb, or Gottlieb, is the Managing Member of JG Asset and may be deemed to beneficially own the shares held by VBMF. Gottlieb disclaims beneficial ownership of all shares held of record by VBMF in which Gottlieb does not have a pecuniary interest. The address for VBMF is c/o Visium Asset Management, LP, 888 Seventh Avenue, New York, NY 10019.
- (6) Consists of (i) 91,848 shares held of record by Mr. Zeini and (ii) options to purchase 559,560 shares exercisable within 60 days of August 7, 2015.
- (7) Consists of (i) 473 shares held of record by Mr. Pigeon and (ii) options to purchase 108,329 shares exercisable within 60 days of August 7, 2015.
- (8) Consists of (i) 1,933 shares held of record by Mr. Huiner and (ii) options to purchase 30,310 shares exercisable within 60 days of August 7, 2015.
- (9) Consists of (i) 1,481 shares held of record by Mr. Smith and (ii) options to purchase 86,204 shares exercisable within 60 days of August 7, 2015.
- (10) Consists of: (i) options to purchase 1,761 shares exercisable by Mr. Simon within 60 days of August 7, 2015 and (ii) the shares held of record by Clarus I and disclosed in footnote (3) above. Mr. Simon is a managing director of Clarus I GPLLC and may be deemed to beneficially own certain of the shares held of record by Clarus I, as disclosed in footnote (3). Mr. Simon disclaims beneficial ownership of all shares held of record by Clarus I, except to the extent of his pecuniary interest therein.
- (11) Consists of (i) options to purchase 1,761 shares exercisable by Mr. Haines within 60 days of August 7, 2015 and (ii) the shares held of record by the Abingworth Funds and disclosed in footnote (1) above. Abingworth approves investment and voting decisions by a majority vote, and no individual member of Abingworth has the sole control or voting power over the shares held by the Abingworth Funds. Mr. Haines is a member of the investment committee of Abingworth and may be deemed to beneficially own certain of the shares held of record by Abingworth, as disclosed in footnote (1). Mr. Haines disclaims beneficial ownership of all shares held of record by the Abingworth Funds, except to the extent of his pecuniary interest therein.
- (12) Consists of (i) 10,000 shares held of record by Mr. Greer and (ii) options to purchase 5,574 shares exercisable within 60 days of August 7, 2015.
- (13) Consists of options to purchase 5,574 shares exercisable within 60 days of August 7, 2015.
- (14) Consists of options to purchase 5,574 shares exercisable within 60 days of August 7, 2015.
- (15) Consists of (i) 5,035,512 shares beneficially owned by our current executive officers and directors and (ii) options to purchase 804,647 shares exercisable within 60 days of August 7, 2015.

SHARES ELIGIBLE FOR FUTURE SALE

Future sales of substantial amounts of our common stock in the public market, or the perception that such sales could occur, could adversely affect market prices prevailing from time to time and could impair our ability to raise capital through the sale of our equity securities. Furthermore, because only a limited number of shares will be available for sale shortly after this offering due to existing contractual and legal restrictions on resale as described below, there may be sales of substantial amounts of our common stock in the public market after the restrictions lapse. This may adversely affect the prevailing market price and our ability to raise equity capital in the future.

As of June 30, 2015, based on the number of shares of our common stock then outstanding and an assumed public offering price of \$23.38 per share, upon the closing of this offering, and assuming no exercise of outstanding options or warrants, we would have had outstanding an aggregate of approximately 18,442,696 shares of common stock. Of these shares, the 5,750,000 shares sold in our initial public offering (other than any shares purchased by our then-existing investors and directors and officers), all of the shares of common stock to be sold in this offering and any shares sold upon exercise of the underwriters' option to purchase additional shares, will be freely tradable in the public market without restriction or further registration under the Securities Act of 1933, as amended, or the Securities Act, unless the shares are held by any of our "affiliates" as such term is defined in Rule 144 of the Securities Act.

9,152,269 shares of our common stock will be "restricted securities," as that term is defined in Rule 144 under the Securities Act upon the closing of this offering. These restricted securities are eligible for public sale only if they are registered under the Securities Act or if they qualify for an exemption from registration under Rules 144 or 701 under the Securities Act, which are summarized below.

As a result of the lock-up agreements described below and the provisions of Rules 144 and 701 under the Securities Act, each of which is described below, these restricted securities will be available for sale in the public market as follows:

- 5,035,512 shares will be eligible for sale beginning 90 days after the date of this prospectus, subject, in the case of shares held by our affiliates, to the volume limitations under Rule 144; and
- 4,116,757 shares that are already issued and outstanding are immediately available for sale in the public market subject to securities laws and our insider trading policy.

In addition, as of August 7, 2015, options to purchase an aggregate of 2,237,248 shares of our common stock were outstanding under our 2007 Plan and our 2014 Plan, which have been registered on a Registration Statement on Form S-8. In addition, 662,612 shares of common stock that are reserved for issuance under our 2014 Plan are registered on the Registration Statement on Form S-8. These shares can be freely sold in the public market upon issuance and once vested. Furthermore, all of the 47,710 shares of our common stock that were issuable upon the exercise of warrants outstanding as of June 30, 2015 were exercisable as of that date, and upon exercise these shares of common stock will be eligible for sale subject to Rule 144.

Rule 144

In general, under Rule 144, as currently in effect, a person, or persons whose shares are aggregated, who is not deemed to be or have been one of our affiliates for purposes of the Securities Act at the time, or at any time during the 90 days preceding a sale and who has beneficially owned their shares for at least six months, including the holding period of any prior owner other than one of our

affiliates, may sell such shares without registration, provided current public information about us is available. If such a person has beneficially owned the shares for at least one year, including the holding period of any prior owner other than one of our affiliates, then such person is entitled to sell such shares without regard to whether current public information about us is available.

In general, under Rule 144, as currently in effect, our affiliates or persons selling shares on behalf of our affiliates, who have met the six-month holding period for beneficial ownership of "restricted shares" of our common stock, are entitled to sell within any three-month period, a number of shares that does not exceed the greater of:

- 1% of the number of shares of our common stock then outstanding, which will equal approximately 184,426 shares immediately after this offering; or
- the average reported weekly trading volume of our common stock on The NASDAQ Global Select Market during the four calendar weeks preceding the filing of a notice on Form 144 with respect to such sale.

Sales of restricted shares under Rule 144 held by our affiliates or persons selling shares on behalf of our affiliates are also subject to requirements regarding the manner of sale, notice and the availability of current public information about us. Rule 144 also provides that affiliates relying on Rule 144 to sell shares of our common stock that are not restricted shares must nonetheless comply with the same restrictions applicable to restricted shares, other than the holding period requirement.

Rule 701

Rule 701 generally allows a stockholder who purchased shares of our common stock pursuant to a written compensatory plan or contract and who is not deemed to have been an affiliate of our company during the immediately preceding 90 days to sell these shares in reliance upon Rule 144, but without being required to comply with the public information, holding period, volume limitation, or notice provisions of Rule 144. Rule 701 also permits affiliates of our company to sell their Rule 701 shares under Rule 144 without complying with the holding period requirements of Rule 144.

Lock-Up Agreements

We, our executive officers and directors (and certain stockholders affiliated with our directors) have agreed with the underwriters that for a period of 90 days, or the "restricted period," after the date of this prospectus, subject to specified exceptions, we or they will not offer, pledge, announce the intention to sell, sell, contract to sell, sell any option or contract to purchase, purchase any option or contract to sell, grant any option, right or warrant to purchase, make any short sale or otherwise transfer or dispose of, directly or indirectly, any shares of common stock or any securities convertible into, or exercisable or exchangeable for, or that represent the right to receive shares of common stock, or enter into any swap or other arrangement that transfers to another, in whole or in part, any of the economic consequences of ownership of the common stock or demand that we file a registration statement related to our common stock. Piper Jaffray & Co. and Stifel, Nicolaus & Company, Incorporated may, in their sole discretion release all or any portion of the shares from restrictions in such agreement. Upon expiration of the restricted period, certain of our stockholders will have the right to require us to register their shares under the Securities Act.

After this offering, certain of our employees, including our executive officers and/or directors, may enter into written trading plans that are intended to comply with Rule 10b5-1 under the Exchange Act. Sales under these trading plans would not be permitted until the expiration of the lock-up agreements relating to the offering described above.

Registration Rights

As of August 7, 2015, the holders of 7,620,083 shares of our common stock were entitled to request that we register the sale of their shares under the Securities Act. Registration of these shares under the Securities Act would result in the shares becoming freely tradable without restriction, except for shares purchased by affiliates, immediately upon the effectiveness of that registration statement. Any sales of securities by these stockholders could have a material adverse effect on the trading price of our common stock. See "Description of Capital Stock — Registration Rights."

MATERIAL UNITED STATES FEDERAL INCOME TAX CONSIDERATIONS FOR NON-U.S. HOLDERS

The following discussion describes the material U.S. federal income tax considerations relating to the purchase, ownership and disposition of our common stock by Non-U.S. Holders (defined below). This summary does not address all aspects of U.S. federal income taxes, does not discuss the potential application of the alternative minimum tax or the 3.8% Medicare tax on net investment income, does not deal with U.S. taxes other than income taxes such as gift or estate taxes (except to the limited extent set forth below), and does not deal with state, local or non-U.S. tax consequences that may be relevant to Non-U.S. Holders of our common stock. This discussion is based upon the Code, the Treasury regulations promulgated or proposed thereunder and administrative and judicial interpretations thereof, all in effect and available as of the date hereof and all of which are subject to differing interpretations and to change, revocation or repeal at any time, possibly on a retroactive basis. We have not sought, and will not seek, any ruling from the U.S. Internal Revenue Service, or the IRS, with respect to the tax consequences discussed herein, and there can be no assurance that the IRS will not take a position contrary to the tax consequences discussed below or that any position taken by the IRS would not be sustained.

This summary assumes that Non-U.S. Holders will hold our common stock as a "capital asset" within the meaning of the Code (generally, property held for investment). This summary does not purport to deal with all aspects of U.S. federal income taxation that might be relevant to particular Non-U.S. Holders in light of their particular investment circumstances or status, nor does it address specific tax considerations that may be relevant to particular persons (including, for example, banks, financial institutions or other financial services entities, broker-dealers and traders in securities, insurance companies, partnerships or other pass-through entities or entities that are treated as disregarded entities for U.S. federal income tax purposes (regardless of their places of organization or formation), certain U.S. expatriates, tax-exempt organizations, pension plans, tax-qualified retirement plans, "controlled foreign corporations," "passive foreign investment companies," corporations that accumulate earnings to avoid U.S. federal income tax, real estate investment trusts, regulated investment companies, persons deemed to sell our common stock under the constructive sale provisions of the Code, persons who hold or receive our common stock pursuant to the exercise of any employee stock option or otherwise as compensation, or persons in special situations, such as those who have elected to mark securities to market or those who hold common stock as part of a straddle, hedge, conversion transaction, synthetic security or other integrated investment or risk reduction strategy).

For purposes of this summary, a "Non-U.S. Holder" means a beneficial owner of common stock that for U.S. federal income tax purposes is not classified as a partnership (or entity or arrangement treated as a partnership for U.S. federal income tax purposes) and is not:

- an individual who is a citizen or resident of the United States;
- a corporation or any other organization taxable as a corporation for U.S. federal income tax purposes, created or organized in or under the laws of the United States, any state thereof or the District of Columbia;
- an estate, the income of which is included in gross income for U.S. federal income tax purposes regardless of its source; or
- a trust if (1) a U.S. court is able to exercise primary supervision over the trust's administration and one or more "United States persons" (within the meaning of Section 7701(a)(3) of the Code) have the authority to control all of the trust's substantial decisions or (2) the trust has a valid election in effect under applicable Treasury regulations to be treated as a U.S. person.

If an entity that is treated as a partnership for U.S. federal income tax purposes holds our common stock, the tax treatment of persons treated as its partners for U.S. federal income tax purposes will generally depend upon the status of the partner and the activities of the partnership. Partnerships and other entities that are classified as partnerships for U.S. federal income tax purposes and persons holding our common stock through a partnership or other entity treated as a partnership for U.S. federal income tax purposes are urged to consult their own tax advisors.

THIS SUMMARY IS FOR GENERAL INFORMATION ONLY AND IS NOT TAX ADVICE. NON-U.S. HOLDERS ARE URGED TO CONSULT THEIR TAX ADVISORS CONCERNING THE U.S. FEDERAL INCOME AND NON-INCOME TAXATION, STATE, LOCAL AND NON-U.S. TAXATION AND OTHER TAX CONSEQUENCES TO THEM OF THE PURCHASE, OWNERSHIP AND DISPOSITION OF OUR COMMON STOCK.

Distributions on Our Common Stock

As described in the section entitled "Dividend Policy," we do not anticipate declaring or paying dividends to holders of our common stock in the foreseeable future. However, in the event that we make a distribution of cash or property (other than certain stock distributions) with respect to our common stock (or in the case of certain redemptions that are treated as distributions with respect to our common stock), any such distributions generally will constitute dividends for U.S. federal income tax purposes to the extent of our current and accumulated earnings and profits, if any, as determined under U.S. federal income tax principles. If a distribution exceeds our current and accumulated earnings and profits, the excess will constitute a return of capital and will first reduce the holder's adjusted tax basis in our common stock, but not below zero. Any remaining excess will be treated as capital gain, subject to the tax treatment described below in "— Gain on Sale, Exchange or Other Disposition of Our Common Stock." Any such distribution would also be subject to the discussion below under the sections titled "— Additional Withholding and Reporting Requirements" and "— Backup Withholding and Information Reporting."

Dividends paid to a Non-U.S. Holder generally will be subject to a 30% U.S. federal withholding tax unless such Non-U.S. Holder provides us or our agent, as the case may be, with the appropriate IRS Form W-8, such as:

- IRS Form W-8BEN or W-8BEN-E (or successor form) certifying, under penalties of perjury, a reduction in withholding under an applicable income tax treaty, or
- IRS Form W-8ECI (or successor form) certifying that a dividend paid on our common stock is not subject to withholding tax because it is effectively connected with a trade or business in the United States of the Non-U.S. Holder (in which case such dividend generally will be subject to regular graduated U.S. tax rates as described below).

The certification requirement described above must be provided to us or our agent prior to the payment of dividends and must be updated periodically. The certification also may require a Non-U.S. Holder that provides an IRS form or that claims treaty benefits to provide its U.S. taxpayer identification number. Special certification and other requirements apply in the case of certain Non-U.S. Holders who hold shares of our common stock through intermediaries or who are pass-through entities for U.S. federal income tax purposes.

Dividends that are effectively connected with a trade or business in the United States of a Non-U.S. Holder (and, if required by an applicable income tax treaty, attributable to a U.S. permanent establishment or fixed base), generally will not be subject to U.S. withholding tax (provided that the certifications described above are satisfied), but instead generally will be subject to U.S. federal income

tax on a net income basis in the same manner as if the Non-U.S. Holder were a resident of the United States. A corporate Non-U.S. Holder that receives effectively connected dividends may be subject to an additional branch profits tax at a rate of 30%, or a lower rate prescribed by an applicable income tax treaty.

Non-U.S. Holders that do not timely provide us or our agent with the required certification, but which are eligible for a reduced rate of U.S. federal withholding tax pursuant to an income tax treaty, may obtain a refund or credit of any excess amount withheld by timely filing an appropriate claim for refund with the IRS. Non-U.S. Holders should consult their tax advisors regarding their entitlement to benefits under any applicable income tax treaty.

Gain on Sale, Exchange or Other Disposition of Our Common Stock

Subject to the discussion below under the sections titled "— Additional Withholding and Reporting Requirements" and "— Backup Withholding and Information Reporting," in general, a Non-U.S. Holder will not be subject to any U.S. federal income tax or withholding tax on gain realized upon such holder's sale, exchange or other disposition of shares of our common stock unless (i) such gain is effectively connected with a trade or business carried on by the Non-U.S. Holder within the United States (and, if required by an applicable income tax treaty, is attributable to a permanent establishment or fixed base maintained by such Non-U.S. Holder in the United States), (ii) such Non-U.S. Holder is a nonresident alien individual who is present in the United States for 183 days or more in the taxable year of disposition, and certain other conditions are met; or (iii) we are or have been a "United States real property holding corporation," or USRPHC, for U.S. federal income tax purposes, at any time within the shorter of the five-year period preceding the disposition and the Non-U.S. Holder's holding period in the shares of our common stock, and, in the case where shares of our common stock are regularly traded on an established securities market, the Non-U.S. Holder owns, or is treated as owning, more than five percent of our common stock at any time during the foregoing period.

Net gain realized by a Non-U.S. Holder described in clause (i) above generally will be subject to U.S. federal income tax in the same manner as if the Non-U.S. Holder were a resident of the United States. Any gains of a corporate Non-U.S. Holder described in clause (i) above may also be subject to an additional "branch profits tax" at a 30% rate, or such lower rate as may be specified by an applicable income tax treaty.

Gain realized by an individual Non-U.S. Holder described in clause (ii) above will be subject to a flat 30% tax (or such lower rate specified by an applicable income tax treaty), which gain may be offset by U.S. source capital losses, even though the individual is not considered a resident of the United States, provided the Non-U.S. Holder has timely filed U.S. federal income tax returns with respect to such losses.

For purposes of clause (iii) above, a corporation is a USRPHC if the fair market value of its United States real property interests equals or exceeds 50% of the sum of the fair market value of its worldwide real property interests plus its other assets used or held for use in a trade or business. We believe that we are not, and we do not anticipate that we will become, a United States real property holding corporation.

Non-U.S. Holders should consult their tax advisors regarding potentially applicable income tax treaties that may provide for different rules.

Additional Withholding and Reporting Requirements

Under Sections 1471 to 1474 of the Code (such Sections of the Code commonly referred to as the Foreign Account Tax Compliance Act, or FATCA), a U.S. federal withholding tax of 30% may apply to dividends and the gross proceeds of a disposition of our common stock paid to a "foreign financial institution" (as specially defined under applicable rules) unless such institution enters into an agreement with the U.S. government to withhold on certain payments and to collect and provide to the U.S. tax authorities substantial information regarding certain U.S. account holders of such institution (which includes certain equity holders of such institution, as well as certain account holders that are foreign entities with U.S. owners). FATCA withholding will also apply to payments of dividends and the gross proceeds of a disposition of our common stock paid to a "non-financial foreign entity" (as specially defined under applicable rules) unless such entity either certifies it does not have any substantial U.S. owners or provides the withholding agent with a certification identifying substantial direct and indirect U.S. owners of the entity. FATCA withholding will not apply if the foreign financial institution or non-financial foreign entity otherwise qualifies for an exemption from the rules. Under certain circumstances, a Non-U.S. Holder might be eligible for refunds or credits of such taxes. The United States has entered into intergovernmental agreements with certain countries that modify these general rules for entities located in those countries. Prospective investors are encouraged to consult with their tax advisors regarding the possible implications of withholding under FATCA, on their investment in our common stock.

FATCA withholding generally applies to payments of dividends and will apply to payments of gross proceeds from a sale or other disposition of common stock on or after January 1, 2017.

Backup Withholding and Information Reporting

Generally, we must report annually to the IRS and to each Non-U.S. Holder the gross amount of the distributions on our common stock paid to the holder and the tax withheld, if any, with respect to distributions that constitute dividends. These information reporting requirements apply even if withholding was not required because the dividends were effectively connected with the Non-U.S. Holder's conduct of a trade or business within the United States or withholding was reduced by an applicable income tax treaty. Non-U.S. Holders may have to comply with specific certification procedures to establish that the holder is not a United States person (as defined in the Code) in order to avoid backup withholding at the applicable rate, currently 28%, with respect to dividends on our common stock. Dividends paid to Non-U.S. Holders subject to the U.S. withholding tax, as described above under the section titled "— Distributions on Our Common Stock", generally will be exempt from U.S. backup withholding.

Information reporting and backup withholding will generally apply to the proceeds of a disposition of our common stock by a Non-U.S. Holder effected by or through the U.S. office of any broker, U.S. or foreign, unless the holder certifies its status as a Non-U.S. Holder and satisfies certain other requirements, or otherwise establishes an exemption. Generally, information reporting and backup withholding will not apply to a payment of disposition proceeds to a Non-U.S. Holder where the transaction is effected outside the United States through a non-U.S. office of a broker. However, for information reporting purposes, dispositions effected through a non-U.S. office of a broker with substantial U.S. ownership or operations generally will be treated in a manner similar to dispositions effected through a U.S. office of a broker. Prospective investors should consult their tax advisors regarding the application of the information reporting and backup withholding rules to them.

Copies of information returns may be made available to the tax authorities of the country in which the Non-U.S. Holder resides or, in which the Non-U.S. Holder is incorporated, under the provisions of a specific treaty or agreement.

[Table of Contents](#)

Backup withholding is not an additional tax. Any amounts withheld under the backup withholding rules from a payment to a Non-U.S. Holder can be refunded or credited against the Non-U.S. Holder's U.S. federal income tax liability, if any, provided that an appropriate claim is timely filed with the IRS.

U.S. Federal Estate Tax

Common stock owned (or treated as owned) by an individual who is not a citizen or a resident of the United States (as defined for U.S. federal estate tax purposes) at the time of death will be included in the individual's gross estate for U.S. federal estate tax purposes unless an applicable estate or other tax treaty provides otherwise, and therefore, may be subject to U.S. federal estate tax.

UNDERWRITING

Piper Jaffray & Co. and Stifel, Nicolaus & Company, Incorporated are acting as representatives of each of the underwriters named below. Subject to the terms and conditions set forth in an underwriting agreement among us and the underwriters, we have agreed to sell to the underwriters, and each of the underwriters has agreed, severally and not jointly, to purchase from us, the number of shares of our common stock set forth opposite its name below.

<u>Underwriters</u>	<u>Number of Shares</u>
Piper Jaffray & Co.	
Stifel, Nicolaus & Company, Incorporated	
Leerink Partners LLC	
William Blair & Company, L.L.C.	
Total	3,500,000

Subject to the terms and conditions set forth in the underwriting agreement, the underwriters have agreed, severally and not jointly, to purchase all of the shares sold under the underwriting agreement if any of these shares are purchased. If an underwriter defaults, the underwriting agreement provides that the purchase commitments of the nondefaulting underwriters may be increased or the underwriting agreement may be terminated.

We have agreed to indemnify the several underwriters against certain liabilities, including liabilities under the Securities Act relating to losses or claims resulting from material misstatements in or omissions from this prospectus, the registration statement of which this prospectus is a part, any documents incorporated by reference herein, certain free writing prospectuses that may be used in the offering and in any marketing materials used in connection with this offering and to contribute to payments the underwriters may be required to make in respect of those liabilities.

The underwriters are offering the shares, subject to prior sale, when, as and if issued to and accepted by them, subject to approval of legal matters by their counsel, including the validity of the shares, and other conditions contained in the underwriting agreement, such as the receipt by the underwriters of officers' certificates and legal opinions.

Discounts and Commissions

The representatives have advised us that the underwriters propose initially to offer the shares to the public at the public offering price set forth on the cover page of this prospectus and to dealers at that price less a concession not in excess of \$ _____ per share. After the initial offering, the public offering price, concession or any other term of this offering may be changed. The underwriters reserve the right to withdraw, cancel or modify offers to the public and to reject orders in whole or in part.

The following table shows the public offering price, underwriting discounts and commissions and proceeds, before expenses, to us. The information assumes either no exercise or full exercise by the underwriters of their option to purchase additional shares.

	<u>Per Share</u>	<u>Without Option</u>	<u>With Option</u>
Public offering price	\$	\$	\$
Underwriting discounts and commissions	\$	\$	\$
Proceeds, before expenses, to us	\$	\$	\$

The underwriting agreement provides that the obligations of the several underwriters to pay for and accept delivery of the shares of common stock offered by this prospectus are subject to the approval of certain legal matters by their counsel and to certain other conditions. The underwriters are obligated to take and pay for all of the shares of common stock offered by this prospectus if any such shares are taken. However, the underwriters are not required to take or pay for the shares covered by the underwriters' option to purchase additional shares described below. If an underwriter defaults, the underwriting agreement provides that the purchase commitments of the non-defaulting underwriters may be increased.

Option to Purchase Additional Shares

We have granted to the underwriters an option, exercisable for 30 days from the date of this prospectus, to purchase up to 525,000 additional shares of common stock at the public offering price listed on the cover page of this prospectus, less the underwriting discounts and commissions. To the extent the option is exercised, each underwriter will become obligated, subject to certain conditions, to purchase about the same percentage of the additional shares of common stock as the number listed next to the underwriter's name in the table above bears to the total number of shares of common stock listed next to the names of all underwriters in the preceding table.

The estimated offering expenses payable by us, exclusive of the underwriting discounts and commissions, are approximately \$0.5 million. We have also agreed to reimburse the underwriters for certain of their expenses, including up to an aggregate amount of \$25,000 in connection with the clearance of this offering with the Financial Industry Regulatory Authority, Inc. as set forth in the underwriting agreement.

No Sales of Similar Securities

We, our executive officers and directors (and certain stockholders affiliated with our directors) have agreed not to sell or transfer any shares of our common stock or securities convertible into, exchangeable or exercisable for, or that represent the right to receive shares of our common stock, for 90 days after the date of this prospectus without first obtaining the written consent of Piper Jaffray & Co. and Stifel, Nicolaus & Company, Incorporated. Specifically, we and these other persons have agreed, with certain limited exceptions, not to directly or indirectly:

- offer, pledge, announce the intention to sell, sell or contract to sell any shares of our common stock;
- sell any option or contract to purchase any shares of our common stock;
- purchase any option or contract to sell any shares of our common stock;
- grant any option, right or warrant to purchase any shares of our common stock;
- make any short sale or otherwise transfer or dispose of any shares of our common stock;
- enter into any swap or other agreement that transfers, in whole or in part, the economic consequences of ownership of any shares of our common stock whether any such swap or transaction is to be settled by delivery of shares or other securities, in cash or otherwise; or
- demand that we file a registration statement related to our common stock.

In our case, such restrictions shall not apply to:

- the shares of our common stock to be sold in this offering;

Table of Contents

- the issuance of shares of common stock upon the exercise of an option or warrant or the settlement of any other stock-based awards outstanding on the date of the underwriting agreement which is described in this prospectus;
- the grant of stock options or other stock-based awards (or the issuance of shares of common stock upon exercise thereof) to eligible participants pursuant to our employee benefit or equity incentive plans described in this prospectus; *provided that*, prior to the grant of any such stock options or other stock-based awards that vest within 90 days after the date of this prospectus, each recipient of such grant shall sign and deliver a lock-up agreement;
- the securities issued in connection with any joint venture, commercial or collaborative relationship or the acquisition or license by the Company of the securities, businesses, property or other assets of another person or entity or pursuant to any employee benefit plan assumed by the Company in connection with any such acquisition; *provided, however*, the recipients of such securities must deliver a lock-up agreement, or
- the filing of a registration statement on Form S-8 with respect to the registration of securities to be offered under any of our employee benefit or equity incentive plans described in this prospectus to our employees.

In the case of our executive officers and directors (and certain stockholders affiliated with our directors), and subject to certain conditions, such restrictions shall not apply to transfers of securities:

- as a bona fide gift or gifts;
- to an immediate family member or any trust, corporation, partnership, limited liability company or other business entity for the direct or indirect benefit of the stockholder or an immediate family member of the stockholder;
- if the stockholder is a corporation, partnership, limited liability company, trust or other business entity (i) transfers to another corporation, partnership, limited liability company, trust or other business entity that is a direct or indirect affiliate of the stockholder or (ii) distributions of shares of our common stock to limited partners, limited liability company members or stockholders of the stockholder, or to any investment fund or other entity that controls or manages the stockholder;
- if the stockholder is a trust, to the beneficiary of such trust;
- by testate succession or intestate succession;
- from an employee to us upon death, disability or termination or employment of such employee;
- if such securities were acquired in open market transactions after the completion of this offering;
- pursuant to the underwriting agreement;
- pursuant to an order of a court or regulatory agency;
- the exercise of stock options granted pursuant to our equity plans;
- the conversion or exercise of warrants into common stock;
- forfeitures to satisfy tax withholding obligations in connection with the conversion or exercise of our options or warrants;
- transfers pursuant to a "change of control" of our company; or

Table of Contents

- the establishment of any 10b5-1 plan, provided that no sales of common stock will be made under such plans for 90 days after the date of this prospectus;

provided, in the case of a transfer described in bullets one through seven above, that such transfer does not involve a disposition for value, and each transferee agrees to be subject to the restrictions described in the immediately preceding paragraph and that no filing by any party under Section 16(a) of the Exchange Act, shall be required or shall be made voluntarily in connection with such transfer.

See "Shares Eligible for Future Sale" for a discussion of certain transfer restrictions.

Listing

Our common stock is listed on The NASDAQ Global Select Market under the symbol "SIEN."

Price Stabilization, Short Positions and Penalty Bids

Until the distribution of the shares is completed, SEC rules may limit underwriters and selling group members from bidding for and purchasing shares of our common stock. However, the underwriters may engage in transactions that stabilize the price of our common stock, such as bids or purchases to peg, fix or maintain that price.

In connection with this offering, the underwriters may purchase and sell shares of our common stock in the open market. These transactions may include short sales, purchases on the open market to cover positions created by short sales and stabilizing transactions. Short sales involve the sale by the underwriters of a greater number of shares than they are required to purchase in this offering. "Covered" short sales are sales made in an amount not greater than the underwriters' overallotment option described above. The underwriters may close out any covered short position by either exercising their overallotment option or purchasing shares in the open market. In determining the source of shares to close out the covered short position, the underwriters will consider, among other things, the price of shares available for purchase in the open market as compared to the price at which they may purchase shares through the overallotment option. "Naked" short sales are sales in excess of the overallotment option. The underwriters must close out any naked short position by purchasing shares in the open market. A naked short position is more likely to be created if the underwriters are concerned that there may be downward pressure on the price of our common stock in the open market after pricing that could adversely affect investors who purchase in this offering. Stabilizing transactions consist of various bids for or purchases of shares of our common stock made by the underwriters in the open market prior to the closing of this offering.

The underwriters may also impose a penalty bid. This occurs when a particular underwriter repays to the underwriters a portion of the underwriting discount received by it because the representatives have repurchased shares sold by or for the account of such underwriter in stabilizing or short covering transactions.

Similar to other purchase transactions, the underwriters' purchases to cover the syndicate short sales may have the effect of raising or maintaining the market price of our common stock or preventing or retarding a decline in the market price of our common stock. As a result, the price of our common stock may be higher than the price that might otherwise exist in the open market. The underwriters may conduct these transactions on The NASDAQ Global Select Market, in the over-the-counter market or otherwise.

Neither we nor any of the underwriters make any representation or prediction as to the direction or magnitude of any effect that the transactions described above may have on the price of our common

stock. In addition, neither we nor any of the underwriters make any representation that the representatives will engage in these transactions or that these transactions, once commenced, will not be discontinued without notice.

Electronic Offer, Sale and Distribution of Shares

In connection with this offering, certain of the underwriters or securities dealers may distribute prospectuses by electronic means, such as e-mail. In addition, one or more of the underwriters may facilitate Internet distribution for this offering to certain of their Internet subscription customers. Any such underwriter may allocate a limited number of shares for sale to its online brokerage customers. An electronic prospectus is available on the Internet websites maintained by any such underwriter. Other than the prospectus in electronic format, the information on the websites of any such underwriter is not part of this prospectus.

Other Relationships

The underwriters and their respective affiliates are full service financial institutions engaged in various activities, which may include securities trading, commercial and investment banking, financial advisory, investment management, investment research, principal investment, hedging, financing and brokerage activities. Certain of the underwriters and their affiliates have engaged in, and may in the future engage in, investment banking and other commercial dealings in the ordinary course of business with us or our affiliates. They have received, or may in the future receive, customary fees and commissions for these transactions.

In the ordinary course of their various business activities, the underwriters and their respective affiliates may make or hold a broad array of investments and actively trade debt and equity securities (or related derivative securities) and financial instruments (including bank loans) for their own account and for the accounts of their customers, and such investment and securities activities may involve securities and/or instruments of the issuer. The underwriters and their respective affiliates may also make investment recommendations and/or publish or express independent research views in respect of such securities or instruments and may at any time hold, or recommend to clients that they acquire, long and/or short positions in such securities and instruments.

Selling Restrictions

European Economic Area

In relation to each Member State of the European Economic Area which has implemented the Prospectus Directive, or each, a Relevant Member State, an offer to the public of any shares of our common stock may not be made in that Relevant Member State, except that an offer to the public in that Relevant Member State of any shares of our common stock may be made at any time under the following exemptions under the Prospectus Directive, if they have been implemented in that Relevant Member State:

- (a) to any legal entity which is a qualified investor as defined in the Prospectus Directive;
- (b) to fewer than 100 or, if the Relevant Member State has implemented the relevant provision of the 2010 PD Amending Directive, 150, natural or legal persons (other than qualified investors as defined in the Prospectus Directive), as permitted under the Prospectus Directive, subject to obtaining the prior consent of the representatives for any such offer; or
- (c) in any other circumstances falling within Article 3(2) of the Prospectus Directive, provided that no such offer of shares of our common stock shall result in a requirement for the publication

by us or any underwriter of a prospectus pursuant to Article 3 of the Prospectus Directive or supplement a prospectus pursuant to Article 16 of the Prospectus Directive.

For the purposes of this provision, the expression an "offer to the public" in relation to any shares of our common stock in any Relevant Member State means the communication in any form and by any means of sufficient information on the terms of the offer and any shares of our common stock to be offered so as to enable an investor to decide to purchase any shares of our common stock, as the same may be varied in that Member State by any measure implementing the Prospectus Directive in that Member State, the expression "Prospectus Directive" means Directive 2003/71/EC (and amendments thereto, including the 2010 PD Amending Directive, to the extent implemented in the Relevant Member State), and includes any relevant implementing measure in the Relevant Member State, and the expression "2010 PD Amending Directive" means Directive 2010/73/EU.

United Kingdom

Each underwriter has represented and agreed that:

- (a) it has only communicated or caused to be communicated and will only communicate or cause to be communicated an invitation or inducement to engage in investment activity (within the meaning of Section 21 of the Financial Services and Markets Act 2000 (the "FSMA")) received by it in connection with the issue or sale of the shares of our common stock in circumstances in which Section 21(1) of the FSMA does not apply to us; and
- (b) it has complied and will comply with all applicable provisions of the FSMA with respect to anything done by it in relation to the shares of our common stock in, from or otherwise involving the United Kingdom.

Canada

The shares of common stock may be sold only to purchasers purchasing, or deemed to be purchasing, as principal that are accredited investors, as defined in National Instrument 45-106 *Prospectus Exemptions* or subsection 73.3(1) of the *Securities Act* (Ontario), and are permitted clients, as defined in National Instrument 31-103 *Registration Requirements, Exemptions and Ongoing Registrant Obligations*. Any resale of the shares of common stock must be made in accordance with an exemption from, or in a transaction not subject to, the prospectus requirements of applicable securities laws.

Securities legislation in certain provinces or territories of Canada may provide a purchaser with remedies for rescission or damages if this prospectus (including any amendment thereto) contains a misrepresentation, provided that the remedies for rescission or damages are exercised by the purchaser within the time limit prescribed by the securities legislation of the purchaser's province or territory. The purchaser should refer to any applicable provisions of the securities legislation of the purchaser's province or territory for particulars of these rights or consult with a legal advisor.

Pursuant to section 3A.3 (or, in the case of securities issued or guaranteed by the government of a non-Canadian jurisdiction, section 3A.4) of National Instrument 33-105 *Underwriting Conflicts* (NI 33-105), the underwriters are not required to comply with the disclosure requirements of NI 33-105 regarding underwriter conflicts of interest in connection with this offering.

Switzerland

The common shares may not be publicly offered in Switzerland and will not be listed on the SIX Swiss Exchange, or the SIX, or on any other stock exchange or regulated trading facility in Switzerland. This

Table of Contents

document has been prepared without regard to the disclosure standards for issuance prospectuses under art. 652a or art. 1156 of the Swiss Code of Obligations or the disclosure standards for listing prospectuses under art. 27 ff. of the SIX Listing Rules or the listing rules of any other stock exchange or regulated trading facility in Switzerland. Neither this document nor any other offering or marketing material relating to the common shares or the offering may be publicly distributed or otherwise made publicly available in Switzerland.

Neither this document nor any other offering or marketing material relating to the offering, or the common shares have been or will be filed with or approved by any Swiss regulatory authority. In particular, this document will not be filed with, and the offer of common shares will not be supervised by, the Swiss Financial Market Supervisory Authority FINMA, and the offer of common shares has not been and will not be authorized under the Swiss Federal Act on Collective Investment Schemes, or CISA. Accordingly, no public distribution, offering or advertising, as defined in CISA, its implementing ordinances and notices, and no distribution to any non-qualified investor, as defined in CISA, its implementing ordinances and notices, shall be undertaken in or from Switzerland, and the investor protection afforded to acquirers of interests in collective investment schemes under CISA does not extend to acquirers of common shares.

France

This prospectus (including any amendment, supplement or replacement thereto) is not being distributed in the context of a public offering in France within the meaning of Article L. 411-1 of the French Monetary and Financial Code (Code monétaire et financier).

This prospectus has not been and will not be submitted to the French Autorité des Marchés Financiers, or the AMF, for approval in France and accordingly may not and will not be distributed to the public in France.

Pursuant to Article 211-3 of the AMF General Regulation, French residents are hereby informed that:

1. the transaction does not require a prospectus to be submitted for approval to the AMF;
2. persons or entities referred to in Point 2°, Section II of Article L.411-2 of the Monetary and Financial Code may take part in the transaction solely for their own account, as provided in Articles D. 411-1, D. 734-1, D. 744-1, D. 754-1 and D. 764-1 of the Monetary and Financial Code; and
3. the financial instruments thus acquired cannot be distributed directly or indirectly to the public otherwise than in accordance with Articles L. 411-1, L. 411-2, L. 412-1 and L. 621-8 to L. 621-8-3 of the Monetary and Financial Code.

This prospectus is not to be further distributed or reproduced (in whole or in part) in France by the recipients of this prospectus. This prospectus has been distributed on the understanding that such recipients will only participate in the issue or sale of our common stock for their own account and undertake not to transfer, directly or indirectly, our common stock to the public in France, other than in compliance with all applicable laws and regulations and in particular with Articles L. 411-1 and L. 411-2 of the French Monetary and Financial Code.

Dubai International Financial Centre

This prospectus relates to an Exempt Offer in accordance with the Offered Securities Rules of the Dubai Financial Services Authority, or DFSA. This prospectus is intended for distribution only to persons of a type specified in the Offered Securities Rules of the DFSA. It must not be delivered to, or

relied on by, any other person. The DFSA has no responsibility for reviewing or verifying any documents in connection with Exempt Offers. The DFSA has not approved this prospectus nor taken steps to verify the information set forth herein and has no responsibility for the prospectus. The shares to which this prospectus relates may be illiquid and subject to restrictions on their resale. Prospective purchasers of the shares offered should conduct their own due diligence on the shares. If you do not understand the contents of this prospectus you should consult an authorized financial advisor.

Australia

No placement document, prospectus, product disclosure statement or other disclosure document has been lodged with the Australian Securities and Investments Commission, or ASIC, in relation to the offering. This prospectus does not constitute a prospectus, product disclosure statement or other disclosure document under the Corporations Act 2001, or the Corporations Act, and does not purport to include the information required for a prospectus, product disclosure statement or other disclosure document under the Corporations Act.

Any offer in Australia of the shares may only be made to persons, or the Exempt Investors who are "sophisticated investors" (within the meaning of section 708(8) of the Corporations Act), "professional investors" (within the meaning of section 708(11) of the Corporations Act) or otherwise pursuant to one or more exemptions contained in section 708 of the Corporations Act so that it is lawful to offer the shares without disclosure to investors under Chapter 6D of the Corporations Act.

The shares applied for by Exempt Investors in Australia must not be offered for sale in Australia in the period of 12 months after the date of allotment under the offering, except in circumstances where disclosure to investors under Chapter 6D of the Corporations Act would not be required pursuant to an exemption under section 708 of the Corporations Act or otherwise or where the offer is pursuant to a disclosure document which complies with Chapter 6D of the Corporations Act. Any person acquiring shares must observe such Australian on-sale restrictions.

This prospectus contains general information only and does not take account of the investment objectives, financial situation or particular needs of any particular person. It does not contain any securities recommendations or financial product advice. Before making an investment decision, investors need to consider whether the information in this prospectus is appropriate to their needs, objectives and circumstances, and, if necessary, seek expert advice on those matters.

Hong Kong

The shares have not been offered or sold and will not be offered or sold in Hong Kong, by means of any document, other than (a) to "professional investors" as defined in the Securities and Futures Ordinance (Cap. 571) of Hong Kong and any rules made under that Ordinance; or (b) in other circumstances which do not result in the document being a "prospectus" as defined in the Companies Ordinance (Cap. 32) of Hong Kong or which do not constitute an offer to the public within the meaning of that Ordinance. No advertisement, invitation or document relating to the shares has been or may be issued or has been or may be in the possession of any person for the purposes of issue, whether in Hong Kong or elsewhere, which is directed at, or the contents of which are likely to be accessed or read by, the public of Hong Kong (except if permitted to do so under the securities laws of Hong Kong) other than with respect to the shares which are or are intended to be disposed of only to persons outside Hong Kong or only to "professional investors" as defined in the Securities and Futures Ordinance and any rules made under that Ordinance.

Japan

The shares have not been and will not be registered under the Financial Instruments and Exchange Law of Japan (Law No. 25 of 1948, as amended) and, accordingly, will not be offered or sold, directly or indirectly, in Japan, or for the benefit of any Japanese Person or to others for re-offering or resale, directly or indirectly, in Japan or to any Japanese Person, except in compliance with all applicable laws, regulations and ministerial guidelines promulgated by relevant Japanese governmental or regulatory authorities in effect at the relevant time. For the purposes of this paragraph, "Japanese Person" shall mean any person resident in Japan, including any corporation or other entity organized under the laws of Japan.

Singapore

This prospectus has not been registered as a prospectus with the Monetary Authority of Singapore. Accordingly, this prospectus and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of the shares may not be circulated or distributed, nor may the shares be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons in Singapore other than (i) to an institutional investor under Section 274 of the Securities and Futures Act, Chapter 289 of Singapore, or SFA (ii) to a relevant person pursuant to Section 275(1), or any person pursuant to Section 275(1A), and in accordance with the conditions specified in Section 275, of the SFA or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA.

Where the shares are subscribed or purchased under Section 275 of the SFA by a relevant person which is:

- (a) a corporation (which is not an accredited investor (as defined in Section 4A of the SFA)) the sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor; or
- (b) a trust (where the trustee is not an accredited investor) whose sole purpose is to hold investments and each beneficiary of the trust is an individual who is an accredited investor,

securities (as defined in Section 239(1) of the SFA) of that corporation or the beneficiaries' rights and interest (howsoever described) in that trust shall not be transferred within six months after that corporation or that trust has acquired the shares pursuant to an offer made under Section 275 of the SFA except:

- (a) to an institutional investor or to a relevant person defined in Section 275(2) of the SFA, or to any person arising from an offer referred to in Section 275(1A) or Section 276(4)(i)(B) of the SFA;
- (b) where no consideration is or will be given for the transfer;
- (c) where the transfer is by operation of law;
- (d) as specified in Section 276(7) of the SFA; or

as specified in Regulation 32 of the Securities and Futures (Offers of Investments) (Shares and Debentures) Regulations 2005 of Singapore.

LEGAL MATTERS

The validity of the shares of common stock being offered in this offering will be passed upon for us by Cooley LLP, Santa Monica, California. Certain legal matters relating to this offering will be passed upon for the underwriters by Latham & Watkins LLP, Costa Mesa, California.

CHANGE IN INDEPENDENT ACCOUNTANTS

As described in our prospectus, which formed a part of our registration statement on Form S-1, filed with the SEC on October 29, 2014, PricewaterhouseCoopers LLP, or PwC, was previously our independent auditors since 2007. On December 13, 2013, we dismissed PwC and KPMG LLP was engaged as our independent auditors. The decision to change our independent auditors was approved by our board of directors.

During the years ended December 31, 2011 and 2012 and the subsequent interim period through December 13, 2013, there were no (1) disagreements with PwC on any matter of accounting principles or practices, financial statement disclosure, or auditing scope or procedures which disagreements if not resolved to PwC's satisfaction would have caused them to make reference thereto in their reports on the financial statements for such years, or (2) reportable events as defined in Item 304(a)(1)(v) of Regulation S-K, except as described below. PwC did not issue any audit reports for the years ended December 31, 2012 and 2013.

During October 2013, PwC notified us that it was in disagreement with our revenue recognition policies relating to the timing of revenue recognition given our terms and conditions and practices regarding returns. The subject matter of this disagreement was not discussed between our board of directors and PwC prior to PwC's dismissal. We authorized PwC to respond fully to the inquiries of KPMG LLP concerning the subject matter of this disagreement. We requested PwC to provide us with a letter addressed to the SEC stating whether or not PwC agrees with the above disclosures. A copy of PwC's letter, dated September 1, 2015, is attached as Exhibit 16.1 to this registration statement on Form S-1 of which this prospectus is a part.

KPMG LLP audited our financial statements for the years ended December 31, 2012 and 2013 and the audit reports of KPMG LLP for such years did not contain an adverse opinion or a disclaimer of opinion, nor were they qualified or modified as to uncertainty, audit scope or accounting principles. During the two fiscal years ended December 31, 2012 and through the subsequent interim period prior to KPMG LLP becoming the Company's independent auditors, the Company did not consult with KPMG LLP on either (1) the application of accounting principles to a specified transaction, either completed or proposed, (2) the type of audit opinion that may be rendered on the Company's financial statements; or (3) any matter that was either the subject of a disagreement, as defined in Item 304(a)(1)(iv) of Regulation S-K, or a reportable event. We are unable to quantify the impact of the matters subject to the disagreement and cannot state what the effect on our financial statements would have been as an evaluation of such matters was not completed prior to the dismissal of our former independent auditors.

EXPERTS

The financial statements and related financial statement schedules of Sientra, Inc. as of December 31, 2014 and 2013 and for each of the years in the three-year period ended December 31, 2014, have been incorporated herein by reference and in the registration statement in reliance upon the report of KPMG LLP, an independent registered public accounting firm, incorporated herein by reference, and upon the authority of said firm as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We have filed a registration statement on Form S-1 with the Securities and Exchange Commission, or the SEC, with respect to the common stock offered by this prospectus. Although this prospectus, which forms a part of the registration statement, contains all material information included in the registration statement, parts of the registration statement have been omitted as permitted by rules and regulations of the SEC. We refer you to the registration statement and its exhibits for further information about us, our common stock and this offering. The registration statement and its exhibits, as well as any other documents that we have filed with the SEC, may be inspected and copied at the SEC's public reference room at 100 F Street, N.E., Washington, D.C. 20549. The public may obtain information about the operation of the public reference room by calling the SEC at 1-800-SEC-0330. In addition, the SEC maintains a website at www.sec.gov that contains registration statements, reports, proxy and information statements, and other information regarding issuers like us that file electronically with the SEC.

We are subject to the information reporting requirements of the Exchange Act and file annual, quarterly and current reports, proxy statements and other information with the SEC. These reports, proxy statements and other information are available for inspection and copying at the public reference room and web site of the SEC referred to above. We also maintain a website at www.sientra.com, at which you may access these materials free of charge as soon as reasonably practicable after they are electronically filed with, or furnished to, the SEC. Information contained on our website is not a part of this prospectus and the inclusion of our website address in this prospectus is an inactive textual reference only.

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE

The SEC allows us to "incorporate by reference" information from other documents that we file with it, which means that we can disclose important information to you by referring you to those documents. The information incorporated by reference is considered to be part of this prospectus. Information in this prospectus supersedes information incorporated by reference that we filed with the SEC prior to the date of this prospectus. We incorporate by reference into this prospectus and the registration statement of which this prospectus is a part the information or documents listed below that we have filed with the SEC (Commission File No. 001-36709):

- our Annual Report on Form 10-K for the year ended December 31, 2014, filed with the SEC on March 18, 2015;
- the information specifically incorporated by reference into the Form 10-K for the year ended December 31, 2014 from our definitive proxy statement on Schedule 14A, filed with the SEC on April 30, 2015;
- our Quarterly Reports on Form 10-Q for the three months ended March 31, 2015 and June 30, 2015, filed with the SEC on May 14, 2015 and August 13, 2015, respectively; and
- our Current Reports on Form 8-K, filed with the SEC on June 30, 2015 and September 3, 2015.

Notwithstanding the statements in the preceding paragraphs, no document, report or exhibit (or portion of any of the foregoing) or any other information that we have "furnished" to the SEC pursuant to the Exchange Act shall be incorporated by reference into this prospectus.

We will furnish without charge to you, on written or oral request, a copy of any or all of the documents incorporated by reference in this prospectus, including exhibits to these documents. You

Table of Contents

should direct any requests for documents to Sientra, Inc., Attn: Director of Investor Relations, 420 South Fairview Avenue, Suite 200, Santa Barbara, California 93117.

You also may access these filings on our website at www.sientra.com. We do not incorporate the information on our website into this prospectus or any supplement to this prospectus and you should not consider any information on, or that can be accessed through, our website as part of this prospectus or any supplement to this prospectus (other than those filings with the SEC that we specifically incorporate by reference into this prospectus or any supplement to this prospectus).

Any statement contained in a document incorporated or deemed to be incorporated by reference in this prospectus will be deemed modified, superseded or replaced for purposes of this prospectus to the extent that a statement contained in this prospectus modifies, supersedes or replaces such statement.

THE SIENTRA CHOICE

Strength & Softness

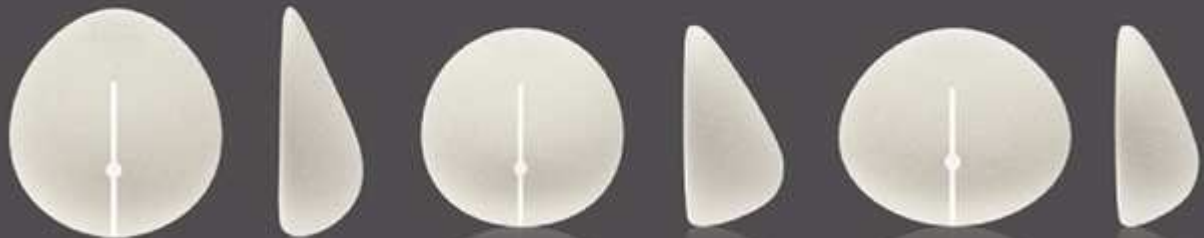
Over 195 Product Options



Smooth

Textured

HSC and HSC+ Round Implants



Classic-Base

Round-Base

Oval-Base

HSC+ Shaped Implants

3,500,000 Shares

SIENTRA, INC.

Common Stock

sientra.

SIMPLICITY IS BEAUTY

PROSPECTUS

Piper Jaffray

Leerink Partners

Stifel

William Blair

, 2015

PART II
Information Not Required in Prospectus

Item 13. Other Expenses of Issuance and Distribution.

The following table sets forth an itemization of the various costs and expenses, other than the underwriting discounts and commissions, expected to be incurred by us in connection with the issuance and distribution of the common stock being registered hereunder. All of the amounts shown are estimates, except for the SEC registration fee and the FINRA filing fee.

<u>Item</u>	<u>Amount to be paid</u>
SEC registration fee	\$ 10,851
FINRA filing fee	14,507
Printing and engraving expenses	70,000
Legal fees and expenses	275,000
Accounting fees and expenses	90,000
Registrar and transfer agent fees	10,000
Miscellaneous expenses	29,642
Total	<u>\$ 500,000</u>

Item 14. Indemnification of Directors and Officers.

The Registrant is incorporated under the laws of the State of Delaware. Section 145 of the General Corporation Law of the State of Delaware provides that a Delaware corporation may indemnify any persons who were, are, or are threatened to be made, parties to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of such corporation), by reason of the fact that such person is or was an officer, director, employee or agent of such corporation, or is or was serving at the request of such corporation as an officer, director, employee or agent of another corporation or enterprise. The indemnity may include expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding, provided that such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the corporation's best interests and, with respect to any criminal action or proceeding, had no reasonable cause to believe that his or her conduct was illegal. A Delaware corporation may indemnify any persons who were, are, or are threatened to be made, a party to any threatened, pending or completed action or suit by or in the right of the corporation by reason of the fact that such person is or was a director, officer, employee or agent of such corporation, or is or was serving at the request of such corporation as a director, officer, employee or agent of another corporation or enterprise. The indemnity may include expenses (including attorneys' fees) actually and reasonably incurred by such person in connection with the defense or settlement of such action or suit provided such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the corporation's best interests except that no indemnification is permitted without judicial approval if the officer or director is adjudged to be liable to the corporation. Where an officer or director is successful on the merits or otherwise in the defense of any action referred to above, the corporation must indemnify him or her against the expenses (including attorneys' fees) actually and reasonably incurred.

The Registrant's amended and restated certificate of incorporation and amended and restated bylaws provide for the indemnification of its directors and officers to the fullest extent permitted under the General Corporation Law of the State of Delaware.

Table of Contents

Section 102(b)(7) of the General Corporation Law of the State of Delaware permits a corporation to provide in its certificate of incorporation that a director of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for breach of fiduciary duties as a director, except for liability for any:

- transaction from which the director derives an improper personal benefit;
- act or omission not in good faith that involves intentional misconduct or a knowing violation of law;
- unlawful payment of dividends or redemption of shares; or
- breach of a director's duty of loyalty to the corporation or its stockholders.

The Registrant's amended and restated certificate of incorporation includes such a provision. Expenses incurred by any officer or director in defending any such action, suit or proceeding in advance of its final disposition shall be paid by the Registrant upon delivery to it of an undertaking, by or on behalf of such director or officer, to repay all amounts so advanced if it shall ultimately be determined that such director or officer is not entitled to be indemnified by the Registrant.

Section 174 of the General Corporation Law of the State of Delaware provides, among other things, that a director who willfully or negligently approves of an unlawful payment of dividends or an unlawful stock purchase or redemption, may be held liable for such actions. A director who was either absent when the unlawful actions were approved or dissented at the time may avoid liability by causing his or her dissent to such actions to be entered in the books containing minutes of the meetings of the board of directors at the time such action occurred or immediately after such absent director receives notice of the unlawful acts.

As permitted by the General Corporation Law of the State of Delaware, the Registrant has entered into indemnity agreements with each of its directors and executive officers, that require the Registrant to indemnify such persons against any and all costs and expenses (including attorneys', witness or other professional fees) actually and reasonably incurred by such persons in connection with any action, suit or proceeding (including derivative actions), whether actual or threatened, to which any such person may be made a party by reason of the fact that such person is or was a director or officer or is or was acting or serving as an officer, director, employee or agent of the Registrant or any of its affiliated enterprises. Under these agreements, the Registrant is not required to provided indemnification for certain matters, including:

- indemnification beyond that permitted by the General Corporation Law of the State of Delaware;
- indemnification for any proceeding with respect to the unlawful payment of remuneration to the director or officer;
- indemnification for certain proceedings involving a final judgment that the director or officer is required to disgorge profits from the purchase or sale of the Registrant's stock;
- indemnification for proceedings involving a final judgment that the director's or officer's conduct was in bad faith, knowingly fraudulent or deliberately dishonest or constituted willful misconduct or a breach of his or her duty of loyalty, but only to the extent of such specific determination;
- indemnification for proceedings or claims brought by an officer or director against us or any of the Registrant's directors, officers, employees or agents, except for (i) claims to establish a right of indemnification or proceedings, (ii) claims approved by the Registrant's

board of directors, (iii) claims required by law, (iv) when there has been a change of control as defined in the indemnification agreement with each director or officer, or (v) by the Registrant in its sole discretion pursuant to the powers vested to the Registrant under Delaware law;

- indemnification for settlements the director or officer enters into without the Registrant's consent; or
- indemnification in violation of any undertaking required by the Securities Act or in any registration statement filed by the Registrant.

The indemnification agreements also set forth certain procedures that will apply in the event of a claim for indemnification thereunder.

There is at present no pending litigation or proceeding involving any of the Registrant's directors or executive officers as to which indemnification is required or permitted, and the Registrant is not aware of any threatened litigation or proceeding that may result in a claim for indemnification.

The Registrant has an insurance policy in place that covers its officers and directors with respect to certain liabilities, including liabilities arising under the Securities Act of 1933, as amended, or the Securities Act, or otherwise.

The Registrant plans to enter into an underwriting agreement which provides that the underwriters are obligated, under some circumstances, to indemnify the Registrant's directors, officers and controlling persons against specified liabilities, including liabilities under the Securities Act.

Item 15. Recent Sales of Unregistered Securities.

During the last three years, we sold the following unregistered securities.

- (1) From March 31, 2012 to October 28, 2014, we issued and sold to our employees, directors and consultants an aggregate of 7,039 shares of common stock pursuant to option exercises under our 2007 Equity Incentive Plan at prices ranging from \$1.65 to \$3.99 per share for an aggregate purchase price of \$22,067.
- (2) From March 31, 2012 to October 28, 2014, we granted options under our 2007 Equity Incentive Plan to purchase an aggregate of 765,307 shares of common stock to our employees and directors having an exercise price ranging from \$3.58 to \$13.26 per share.
- (3) In March 2012, pursuant to a Series C preferred stock purchase agreement, we issued and sold to investors an aggregate of 12,183,690 shares of Series C preferred stock at a purchase price of \$5.335 per share for an aggregate purchase price of \$65.0 million. Each share of Series C preferred stock converted on a 2.75-to-1 basis into shares of our common stock in connection with our initial public offering, which closed on November 3, 2014.
- (4) From January 17, 2013 to December 13, 2013, we issued to Oxford warrants to purchase up to 30,670 shares of common stock, which have an exercise price of \$14.671 per share.
- (5) On June 30, 2014, we issued to Oxford warrants to purchase up to 17,040 shares of common stock, which have an exercise price of \$14.671 per share.

No underwriters were used in connection with any of the foregoing transactions. These issuances were deemed to be exempt from registration under the Securities Act in reliance on Section 4(2) of the Securities Act, including in some cases, Regulation D and Rule 506 promulgated thereunder, or Rule 701 promulgated under Section 3(b) of the Securities Act, as transactions by an issuer not

Table of Contents

involving a public offering or transactions pursuant to compensatory benefit plans and contracts relating to compensation as provided under Rule 701. The purchasers of securities in each such transaction represented their intention to acquire the securities for investment only and not with a view to offer or sell, in connection with any distribution of the securities, and appropriate legends were affixed to the share certificates and instruments issued in such transactions.

Item 16. Exhibits and Financial Statement Schedules.

- (a) **Exhibits.** See the Exhibit Index immediately following the signature page hereto, which is fully incorporated by reference as if fully set forth herein.
- (b) **Financial Statement Schedules.** Not applicable.

Item 17. Undertakings.

Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer, or controlling person of the registrant in the successful defense of any action, suit, or proceeding) is asserted by such director, officer, or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.

The undersigned registrant hereby undertakes that:

1. For purposes of determining any liability under the Securities Act of 1933, the information omitted from the form of prospectus filed as part of this registration statement in reliance upon Rule 430A and contained in a form of prospectus filed by the registrant pursuant to Rule 424(b)(1) or (4) or 497(h) under the Securities Act of 1933 shall be deemed to be part of this registration statement as of the time it was declared effective.
2. For the purpose of determining any liability under the Securities Act of 1933, each post-effective amendment that contains a form of prospectus shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial bona fide offering thereof.

EXHIBIT INDEX

Exhibit No.	Description of Exhibit	Incorporated by Reference				Filed Herewith
		Form	File No.	Exhibit	Filing Date	
1.1	Form of Underwriting Agreement.					X
3.1	Amended and Restated Certificate of Incorporation of the Registrant.	S-1/A	333-198837	3.2	10/20/2014	
3.2	Amended and Restated Bylaws of the Registrant.	S-1/A	333-198837	3.4	10/20/2014	
4.1	Form of Common Stock Certificate of the Registrant.	S-1/A	333-198837	4.1	10/20/2014	
4.2	Amended and Restated Investor Rights Agreement, dated March 28, 2012, by and among Sientra, Inc., and the investors and stockholders party thereto.	S-1	333-198837	4.2	9/19/2014	
4.3	Conversion and Amendment Agreement by and among Sientra, Inc. and certain stockholders, dated October 10, 2014.	S-1/A	333-198837	4.11	10/20/2014	
4.4	Warrant to Purchase Stock issued to Oxford Finance LLC, dated January 17, 2013	S-1	333-198837	4.3	9/19/2014	
4.5	Warrant to Purchase Stock issued to Oxford Finance LLC, dated January 17, 2013	S-1	333-198837	4.4	9/19/2014	
4.6	Warrant to Purchase Stock issued to Oxford Finance LLC, dated August 1, 2013.	S-1	333-198837	4.5	9/19/2014	
4.7	Warrant to Purchase Stock issued to Oxford Finance LLC, dated August 1, 2013.	S-1	333-198837	4.6	9/19/2014	
4.8	Warrant to Purchase Stock issued to Oxford Finance LLC, dated December 13, 2013	S-1	333-198837	4.7	9/19/2014	
4.9	Warrant to Purchase Stock issued to Oxford Finance LLC, dated December 13, 2013	S-1	333-198837	4.8	9/19/2014	
4.10	Warrant to Purchase Stock issued to Oxford Finance LLC, dated June 30, 2014.	S-1	333-198837	4.9	9/19/2014	
4.11	Warrant to Purchase Stock issued to Oxford Finance LLC, dated June 30, 2014.	S-1	333-198837	4.10	9/19/2014	

5.1 Opinion of Cooley LLP.

X

10.1# Form of Indemnity Agreement
by and between Sientra, Inc. and
its directors and officers.

S-1

333-198837

10.1

9/19/2014

Table of Contents

Exhibit No.	Description of Exhibit	Incorporated by Reference				Filed Herewith
		Form	File No.	Exhibit	Filing Date	
10.2#	2007 Equity Incentive Plan, as amended, and forms of award agreements thereunder.	S-1	333-198837	10.2	9/19/2014	
10.3#	2014 Equity Incentive Plan and forms of award agreements thereunder.	S-1/A	333-198837	10.3	10/20/2014	
10.4#	2014 Non-Employee Director Compensation Policy.	S-1	333-198837	10.4	9/19/2014	
10.5#	2014 Employee Stock Purchase Plan.	S-1/A	333-198837	10.5	10/20/2014	
10.6	Multi-Purpose Commercial Building Lease, dated March 28, 2014, by and between Sientra, Inc. and Fairview Business Center, L.P.	S-1	333-198837	10.6	9/19/2014	
10.7	Amended and Restated Loan and Security Agreement, dated as of June 30, 2014, by and between Sientra, Inc. and Oxford Finance LLC.	S-1	333-198837	10.7	9/19/2014	
10.8 [†]	Amended and Restated Exclusivity Agreement, dated April 4, 2007, by and between Sientra, Inc. (formerly, Juliet Medical, Inc.) and Silimed Industria de Implantes Ltda. (formerly, Silimed-Silicone e Instrumental Medico-Cirurgio e Hospitalar Ltda.).	S-1/A	333-198837	10.8	10/20/2014	
10.9	Amendment No. 1 to Amended and Restated Exclusivity Agreement, dated May 12, 2010, by and between Sientra, Inc. (formerly, Juliet Medical, Inc.) and Silimed Industria de Implantes Ltda. (formerly, Silimed-Silicone e Instrumental Medico-Cirurgio e Hospitalar Ltda.).	S-1	333-198837	10.9	9/19/2014	
10.10	Amendment No. 2 to Amended and Restated Exclusivity Agreement, dated November 8, 2013, by and between Sientra, Inc. (formerly, Juliet Medical, Inc.) and Silimed Industria de Implantes Ltda. (formerly, Silimed-Silicone e Instrumental Medico-Cirurgio e Hospitalar Ltda.).	S-1	333-198837	10.10	9/19/2014	
10.11#	Offer Letter to R. Scott Greer, dated July 9, 2014.	S-1	333-198837	10.11	9/19/2014	
10.12#	Offer Letter to Kevin O'Boyle,	S-1	333-198837	10.12	9/19/2014	

dated July 9, 2014.

10.13#	Offer Letter to Jeffrey Nugent, dated July 9, 2014.	S-1	333-198837	10.13	9/19/2014
10.14#	Amended and Restated Employment Agreement by and between Sientra, Inc. and Hani Zeini, dated October 15, 2014.	S-1/A	333-198837	10.14	10/20/2014

Table of Contents

Exhibit No.	Description of Exhibit	Incorporated by Reference				Filed Herewith
		Form	File No.	Exhibit	Filing Date	
10.15#	Amended and Restated Employment Agreement by and between Sientra, Inc. and Charles Huiner, effective as of February 1, 2015.	10-K	001-36709	10.18	3/18/2015	
10.16#	Amended and Restated Employment Agreement by and between Sientra, Inc. and Matthew Pigeon, effective as of February 1, 2015.	10-Q	001-36709	10.1	5/14/2015	
10.17#	Amended and Restated Employment Agreement by and between Sientra, Inc. and Joel Smith, effective as of February 1, 2015.	10-Q	001-36709	10.2	5/14/2015	
16.1	Letter from PricewaterhouseCoopers LLP to the Securities and Exchange Commission, dated September 1, 2015.	S-1	333-206755	16.1	9/3/2015	
21.1	List of Subsidiaries.	S-1	333-198837	21.1	9/19/2014	
23.1	Consent of Cooley LLP (included in Exhibit 5.1).					X
23.2	Consent of KPMG LLP, an independent registered public accounting firm.					X
24.1	Power of Attorney.	S-1	333-206755	24.1	9/3/2015	

† Confidential treatment has been granted with respect to certain portions of this exhibit. Omitted portions have been filed separately with the Securities and Exchange Commission.

Indicates a management contract or compensatory plan or arrangement.

[•] Shares

Sientra, Inc.

Common Stock

PURCHASE AGREEMENT

September [•], 2015

PIPER JAFFRAY & CO.
STIFEL, NICOLAUS & COMPANY, INCORPORATED
As Representatives of the several
Underwriters named in Schedule I hereto
c/o Piper Jaffray & Co.
U.S. Bancorp Center
800 Nicollet Mall
Minneapolis, Minnesota 55402
c/o Stifel, Nicolaus & Company, Incorporated
One Montgomery Street, Suite 3700
San Francisco, California 94104

Ladies and Gentlemen:

Sientra, Inc., a Delaware corporation (the “*Company*”), proposes to issue and sell to the several Underwriters named in Schedule I hereto (the “*Underwriters*”) an aggregate of [•] shares (the “*Firm Shares*”) of common stock, \$0.01 par value per share (the “*Common Stock*”), of the Company. The Firm Shares consist of [•] authorized but unissued shares of Common Stock to be issued and sold by the Company. The Company has also granted to the several Underwriters an option to purchase up to [•] additional shares of Common Stock, on the terms set forth in Section 3 hereof (the “*Option Shares*”). The Firm Shares and any Option Shares purchased pursuant to this Purchase Agreement (the “*Agreement*”) are herein collectively called the “*Securities.*”

The Company hereby confirms its agreement with respect to the sale of the Securities to the several Underwriters, for whom Piper Jaffray & Co. (“*Piper Jaffray*”) and Stifel, Nicolaus & Company, Incorporated are acting as representatives (the “*Representatives*” or “*you*”).

1. **Registration Statement and Prospectus** . A registration statement on Form S-1 (File No. 333-206755) with respect to the Securities, including a preliminary form of prospectus, has been prepared by the Company in conformity with the requirements of the Securities Act of 1933, as amended (the “*Securities Act*” or the “*Act*”), and the rules and regulations (the “*Rules and Regulations*”) of the Securities and Exchange Commission (the “*Commission*”) thereunder and has been filed with the Commission. Such registration statement, including the amendments, exhibits and schedules thereto, and the documents incorporated by reference therein pursuant to Item 12 of

Form S-1 under the Securities Act, as of the time it became effective, including the Rule 430A Information (as defined below), is referred to herein as the **“Registration Statement”**. The Company will prepare and file a prospectus pursuant to Rule 424(b) of the Rules and Regulations that discloses the information previously omitted from the prospectus in the Registration Statement in reliance upon Rule 430A of the Rules and Regulations, which information will be deemed retroactively to be a part of the Registration Statement in accordance with Rule 430A of the Rules and Regulations (the **“Rule 430A Information”**). If the Company has elected to rely upon Rule 462(b) of the Rules and Regulations to increase the size of the offering registered under the Securities Act, the Company will prepare and file with the Commission a registration statement with respect to such increase pursuant to Rule 462(b) of the Rules and Regulations (such registration statement, including the contents of the Registration Statement incorporated by reference therein is the **“Rule 462(b) Registration Statement”**). References herein to the **“Registration Statement”** will be deemed to include the Rule 462(b) Registration Statement at and after the time of filing of the Rule 462(b) Registration Statement. **“Preliminary Prospectus”** means any prospectus included in the Registration Statement prior to the effective time of the Registration Statement, any prospectus filed with the Commission pursuant to Rule 424(a) under the Rules and Regulations and each prospectus that omits Rule 430A Information used after the effective time of the Registration Statement. **“Prospectus”** means the prospectus that discloses the public offering price and other final terms of the Securities and the offering and otherwise satisfies Section 10(a) of the Securities Act. All references in this Agreement to the Registration Statement, any Preliminary Prospectus, the Prospectus or any amendment or supplement to any of the foregoing, is deemed to include the copy filed with the Commission pursuant to its Electronic Data Gathering, Analysis and Retrieval System or any successor system thereto (**“EDGAR”**). Any reference in this Agreement to the Registration Statement, any Preliminary Prospectus or the Prospectus shall be deemed to refer to and include the documents incorporated by reference therein pursuant to Item 12 of Form S-1 under the Securities Act, as of the effective date of the Registration Statement or the date of such Preliminary Prospectus or the Prospectus, as the case may be. All references in this Agreement to financial statements and schedules and other information which is “described,” “contained,” “included” or “stated” in the Registration Statement, any Preliminary Prospectus or the Prospectus (or other references of like import) shall be deemed to mean and include all such financial statements and schedules and other information which is incorporated by reference in or otherwise deemed by the Rules and Regulations to be a part of or included in the Registration Statement, any Preliminary Prospectus or the Prospectus, as the case may be; and all references in this Agreement to amendments or supplements to the Registration Statement, any Preliminary Prospectus or the Prospectus shall be deemed to mean and include the subsequent filing of any document under the Securities Exchange Act of 1934, as amended, and the rules and regulations of the Commission thereunder (collectively, the **“Exchange Act”**), that is deemed to be incorporated therein by reference therein or otherwise deemed by the Rules and Regulations to be a part thereof.

2. ***Representations and Warranties of the Company*** .

(a) *Representations and Warranties of the Company*. The Company represents and warrants to, and agrees with, the several Underwriters as follows:

(i) *Registration Statement and Prospectuses* . The Registration Statement and any post-effective amendment thereto has become effective under the Securities Act. No stop order suspending the effectiveness of the Registration Statement or any post-effective amendment thereto has been issued by the Commission, and no proceeding for that purpose has been initiated or, to the Company's knowledge, threatened by the Commission. No order preventing or suspending the use of any Preliminary Prospectus or the Prospectus (or any supplement thereto) has been issued by the Commission and no proceeding for that purpose has been initiated or, to the Company's knowledge, threatened by the Commission. As of the time each part of the Registration Statement (or any post-effective amendment thereto) became or becomes effective, such part conformed or will conform in all material respects to the requirements of the Securities Act and the Rules and Regulations. Upon the filing or first use within the meaning of the Rules and Regulations, each Preliminary Prospectus and the Prospectus (or any supplement to either) conformed or will conform in all material respects to the requirements of the Securities Act and the Rules and Regulations.

(ii) *Accurate Disclosure* . Each Preliminary Prospectus, at the time of filing thereof or the time of first use within the meaning of the Rules and Regulations, did not contain an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading. Neither the Registration Statement nor any amendment thereto, at the effective time of each part thereof, at the First Closing Date (as defined below) or at the Second Closing Date (as defined below), contained, contains or will contain an untrue statement of a material fact or omitted, omits or will omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading. As of the Time of Sale (as defined below), neither (A) the Time of Sale Disclosure Package (as defined below) nor (B) any issuer free writing prospectus (as defined below), when considered together with the Time of Sale Disclosure Package, included an untrue statement of a material fact or omitted to state a material fact necessary in order to make the statements therein, in light of the circumstances under which they were made, not misleading. Neither the Prospectus nor any supplement thereto, as of its issue date, at the time of any filing with the Commission pursuant to Rule 424(b) of the Rules and Regulations, at the First Closing Date or at the Second Closing Date, included, includes or will include an untrue statement of a material fact or omitted, omits or will omit to state a material fact necessary in order to make the statements therein, in light of the circumstances under which they were made, not misleading. The representations and warranties in this Section 2(a)(ii) shall not apply to statements in or omissions from any Preliminary Prospectus, the Registration Statement (or any amendment thereto), the Time of Sale Disclosure Package or the Prospectus (or any supplement thereto) made in reliance upon, and in conformity with, written information furnished to the Company by you, or by any Underwriter through you, specifically for use in the preparation of such document, it

being understood and agreed that the only such information furnished by any Underwriter consists of the information described as such in Section 6(e).

Each reference to an “*issuer free writing prospectus*” herein means an issuer free writing prospectus as defined in Rule 433 of the Rules and Regulations.

“*Time of Sale Disclosure Package*” means the Preliminary Prospectus dated September [•], 2015, any free writing prospectus set forth on Schedule III and the information on Schedule IV, all considered together.

Each reference to a “*free writing prospectus*” herein means a free writing prospectus as defined in Rule 405 of the Rules and Regulations.

“*Time of Sale*” means [•] :00 [a.m. / p.m.] (Eastern time) on the date of this Agreement.

(iii) *Issuer Free Writing Prospectuses*.

(A) Each issuer free writing prospectus, as of its issue date and at all subsequent times through the completion of the public offer and sale of the Securities or until any earlier date that the Company notified or notifies the Representatives as described in Section 4(a)(iii)(B), did not, does not and will not include any information that conflicted, conflicts or will conflict with the information contained in the Registration Statement, any Preliminary Prospectus or the Prospectus. The foregoing sentence does not apply to statements in or omissions from any issuer free writing prospectus based upon and in conformity with written information furnished to the Company by you or by any Underwriter through you specifically for use therein; it being understood and agreed that the only such information furnished by any Underwriter consists of the information described as such in Section 6(e).

(B) At the time of filing the Registration Statement and any post-effective amendment thereto, and at the date hereof, the Company was not and is not an “ineligible issuer,” as defined in Rule 405 of the Rules and Regulations, without taking account of any determination by the Commission pursuant to Rule 405 of the Rules and Regulations that it is not necessary that the Company be considered an ineligible issuer.

(C) Each issuer free writing prospectus satisfied, as of its issue date and at all subsequent times through the completion of the public offer and sale of the Securities, all other conditions to use thereof as set forth in Rules 164 and 433 under the Securities Act.

(iv) *Emerging Growth Company*. From the time of initial confidential submission of the Registration Statement on Form S-1 to the Commission relating to the Company’s initial public offering (or, if earlier, the first date on which the Company engaged directly or through any person authorized to act on its behalf in any Testing-the-

Waters Communication (as defined below)) through the date hereof, the Company has been and is an “emerging growth company,” as defined in Section 2(a) of the Securities Act (an “***Emerging Growth Company***”). “***Testing-the-Waters Communication***” means any oral or written communication with potential investors undertaken in reliance on Section 5(d) of the Securities Act.

(v) *Testing-the-Waters Materials.* The Company (i) has not alone engaged in any Testing-the-Waters Communications, other than Testing-the-Waters Communications with the prior consent of the Representatives with entities that are qualified institutional buyers within the meaning of Rule 144A under the Securities Act or institutions that are accredited investors within the meaning of Rule 501 under the Securities Act and (ii) has not authorized anyone other than the Representatives to engage in Testing-the-Waters Communications. The Company reconfirms that the Representatives have been authorized to act on its behalf in undertaking Testing-the-Waters Communications. The Company has not distributed any Written Testing-the-Waters Communications (as defined below) other than those listed on Schedule V hereto. “Written Testing-the-Waters Communication” means any Testing-the-Waters Communication that is a written communication within the meaning of Rule 405 under the Securities Act. Each Written Testing-the-Waters Communication does not conflict in any material respect with the information contained in the Registration Statement or the Time of Sale Disclosure Package, complied in all material respects with the Securities Act, and when taken together with the Time of Sale Disclosure Package as of the Time of Sale, did not contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading.

(vi) *No Other Offering Materials.* The Company has not distributed and will not distribute any prospectus or other offering material in connection with the offering and sale of the Securities other than any Preliminary Prospectus, the Time of Sale Disclosure Package or the Prospectus or other materials permitted by the Securities Act to be distributed by the Company; provided, however, that, except as set forth on Schedule III, the Company has not made and will not make any offer relating to the Securities that would constitute a free writing prospectus, except in accordance with the provisions of Section 4(a)(xv) of this Agreement and, except as set forth on Schedule V, the Company has not made and will not make any communication relating to the Securities that would constitute a Testing-the-Waters Communication, except in accordance with the provisions of Section 2(a)(v) of this Agreement.

(vii) *Financial Statements.* The financial statements of the Company, together with the related notes and supporting schedule thereto, set forth or incorporated by reference in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus comply in all material respects with the requirements of the Securities Act and the Exchange Act and fairly present in all material respects the financial condition of the Company as of the dates indicated and the results of operations and changes in cash flows for the periods therein specified in conformity with generally accepted accounting principles in the United States (“***GAAP***”) consistently applied throughout the periods involved; the

supporting schedule included or incorporated by reference in the Registration Statement present fairly in all material respects the information required to be stated therein; all non-GAAP financial information included or incorporated by reference in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus complies in all material respects with the requirements of Regulation G and Item 10 of Regulation S-K under the Securities Act; and, except as disclosed in the Time of Sale Disclosure Package and the Prospectus, there are no material off-balance sheet arrangements (as defined in Regulation S-K under the Securities Act, Item 303(a)(4) (ii)) or any other relationships with unconsolidated entities or other persons, that may have a material current or, to the Company's knowledge, material future effect on the Company's financial condition, results of operations, liquidity, capital expenditures, capital resources or significant components of revenue or expenses. No other financial statements or schedules are required to be included or incorporated by reference in the Registration Statement, the Time of Sale Disclosure Package or the Prospectus. The interactive data in eXtensible Business Reporting Language included or incorporated by reference in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus fairly presents the information called for in all material respects and has been prepared in all material respects in accordance with the Commission's rules and guidelines applicable thereto.

(viii) *Incorporated Documents*. The documents incorporated by reference in the Registration Statement, the Time of Sale Disclosure Package and in the Prospectus, when they became effective or were filed with the Commission, as the case may be, conformed in all material respects to the requirements of the Securities Act or the Exchange Act, as applicable, and were filed on a timely basis with the Commission and none of such documents contained an untrue statement of a material fact or omitted to state a material fact necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading; any further documents so filed and incorporated by reference in the Registration Statement, the Time of Sale Disclosure Package or in the Prospectus, when such documents are filed with the Commission, will conform in all material respects to the requirements of the Exchange Act, and will not contain an untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading.

(ix) *Independent Accountants*. KPMG LLP, which has expressed its opinion with respect to the financial statements and schedules filed as a part of the Registration Statement and included or incorporated by reference in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, is (x) an independent public accounting firm within the meaning of the Securities Act and the Rules and Regulations, (y) a registered public accounting firm (as defined in Section 2(a)(12) of the Sarbanes-Oxley Act of 2002 (the "*Sarbanes-Oxley Act*")) and (z) not in violation of the auditor independence requirements of the Sarbanes-Oxley Act.

(x) *Organization and Good Standing*. The Company has been duly organized and is validly existing as a corporation in good standing under the laws of the State of Delaware. The Company has full corporate power and authority to own its properties and conduct its business as currently being carried on and as described in the

Registration Statement, the Time of Sale Disclosure Package and Prospectus, and is duly qualified to do business as a foreign corporation in good standing in each jurisdiction in which it owns or leases real property or in which the conduct of its business makes such qualification necessary, except where the failure to have such power or authority or be so qualified or in good standing would not, individually or in the aggregate, reasonably be expected to have a material adverse effect upon the business, prospects, management, properties, operations, condition (financial or otherwise) or results of operations of the Company, taken as a whole ("**Material Adverse Effect**").

(xi) Absence of Certain Events. Except as contemplated in the Time of Sale Disclosure Package and the Prospectus, subsequent to the respective dates as of which information is given in the Time of Sale Disclosure Package, the Company has not incurred any material liabilities or obligations, direct or contingent, or entered into any material transactions, or declared or paid any dividends or made any distribution of any kind with respect to its capital stock; and there has not been any change in the capital stock (other than a change in the number of outstanding shares of Common Stock due to the issuance of shares upon the exercise of outstanding options or warrants or conversion of convertible securities), or any material change in the short-term or long-term debt (other than as a result of the conversion of convertible securities), or any issuance of options, warrants, convertible securities or other rights to purchase the capital stock, of the Company, or any material adverse change in the condition (financial or otherwise), business, prospects, management, properties, operations or results of operations of the Company, taken as a whole ("**Material Adverse Change**") or any development which would reasonably be expected to result in any Material Adverse Change.

(xii) Absence of Proceedings. Except as set forth in the Time of Sale Disclosure Package and the Prospectus, there is not pending or, to the knowledge of the Company, threatened or contemplated, any action, suit or proceeding (a) to which the Company is a party or (b) which has as the subject thereof any officer or director of the Company, any employee benefit plan sponsored by the Company or any property or assets owned or leased by the Company before or by any court or Governmental Authority (as defined below), or any arbitrator, which would, individually or in the aggregate, reasonably be expected to result in a Material Adverse Change, or would materially and adversely affect the ability of the Company to perform its obligations under this Agreement or which are otherwise material in the context of the sale of the Securities. There are no current or, to the knowledge of the Company, pending, legal, governmental or regulatory actions, suits or proceedings (x) to which the Company is subject or (y) which has as the subject thereof any officer or director of the Company, any employee plan sponsored by the Company or any property or assets owned or leased by the Company, that are required to be described in the Registration Statement, Time of Sale Disclosure Package and Prospectus by the Securities Act or by the Rules and Regulations or the Exchange Act and that have not been so described.

(xiii) Authorization; No Conflicts; Authority. This Agreement has been duly authorized, executed and delivered by the Company, and constitutes a valid, legal and binding obligation of the Company, enforceable in accordance with its terms, except as

rights to indemnity hereunder may be limited by federal or state securities laws and except as such enforceability may be limited by bankruptcy, insolvency, reorganization or similar laws affecting the rights of creditors generally and subject to general principles of equity. The execution, delivery and performance of this Agreement and the consummation of the transactions herein contemplated will not (A) conflict with or result in a breach or violation of any of the terms or provisions of, or constitute a default under, or result in the creation or imposition of any lien, charge or encumbrance upon any property or assets of the Company pursuant to any indenture, mortgage, deed of trust, loan agreement or other agreement or instrument to which the Company is a party or by which the Company is bound or to which any of the property or assets of the Company is subject, (B) result in any violation of the provisions of the Company's charter or by-laws or (C) result in the violation of any law or statute or any judgment, order, rule, regulation or decree of any court or arbitrator or federal, state, local or foreign governmental agency or regulatory authority having jurisdiction over the Company or any of its properties or assets (each, a "**Governmental Authority**"), except in the case of clause (A) as would not result in a Material Adverse Effect. No consent, approval, authorization or order of, or registration or filing with any Governmental Authority is required for the execution, delivery and performance of this Agreement or for the consummation of the transactions contemplated hereby, including the issuance or sale of the Securities by the Company, except such as may be required under the Securities Act, the rules of the Financial Industry Regulatory Authority, Inc. ("**FINRA**"), the NASDAQ Stock Market LLC ("**NASDAQ**") or state securities or blue sky laws; and the Company has full power and authority to enter into this Agreement and to consummate the transactions contemplated hereby, including the authorization, issuance and sale of the Securities as contemplated by this Agreement.

(xiv) *Capitalization; the Securities; Registration Rights*. All of the issued and outstanding shares of capital stock of the Company, including the outstanding shares of Common Stock, are duly authorized and validly issued, fully paid and nonassessable, have been issued in compliance with all federal and state and foreign securities laws and were not issued in violation of or subject to any preemptive rights or other rights to subscribe for or purchase securities that have not been waived in writing; the Securities which may be sold hereunder by the Company have been duly authorized and, when issued, delivered and paid for in accordance with the terms of this Agreement, will have been validly issued and will be fully paid and nonassessable; and the capital stock of the Company, including the Common Stock, conforms in all material respects to the description thereof in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus. Except as otherwise stated in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, (A) there are no preemptive rights or other rights to subscribe for or to purchase, or any restriction upon the voting or transfer of, any shares of Common Stock pursuant to the Company's charter, by-laws or any agreement or other instrument to which the Company is a party or by which the Company is bound, (B) neither the filing of the Registration Statement nor the offering or sale of the Securities as contemplated by this Agreement gives rise to any rights for or relating to the registration of any shares of Common Stock or other securities of the Company (collectively "**Registration Rights**") and (C) any person to whom the Company has granted Registration Rights has agreed not to exercise such rights until after expiration of the Lock-Up Period (as defined below). The

Company has an authorized and outstanding capitalization as set forth in the Registration Statement, in the Time of Sale Disclosure Package and the Prospectus under the caption “Capitalization.”

(xv) Stock Options. Except as described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, there are no options, warrants, agreements, contracts or other rights in existence to purchase or acquire from the Company any shares of the capital stock of the Company. The description of the Company’s stock option, stock bonus and other stock plans or arrangements (the “**Company Stock Plans**”), and the options (the “**Options**”) or other rights granted thereunder, set forth in the Time of Sale Disclosure Package and the Prospectus accurately and fairly presents in all material respects the information required to be shown with respect to such plans, arrangements, options and rights. Each grant of an Option (A) was duly authorized no later than the date on which the grant of such Option was by its terms to be effective by all necessary corporate action, including, as applicable, approval by the board of directors of the Company (or a duly constituted and authorized committee thereof) and any required stockholder approval by the necessary number of votes or written consents, and the award agreement governing such grant (if any) was duly executed and delivered by each party thereto and (B) was made in accordance with the terms of the applicable Company Stock Plan, and all applicable laws and regulatory rules or requirements, including all applicable federal securities laws.

(xvi) Compliance with Laws. The Company holds, and is operating in compliance in all material respects with, all licenses, permits, consents, certificates and orders or other authorizations and approvals issued by the applicable Governmental Authority or self-regulatory body (the “**Permits**”) required for the conduct of its business and all such Permits are valid and in full force and effect, except where the failure to possess or comply with such Permits would not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect. To the Company’s knowledge, the Company has not received notice of any revocation or modification of any such Permit that would, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect, and has no reason to believe that any such Permit will not be renewed in the ordinary course. The Company is in compliance in all material respects with all applicable federal, state, local and foreign laws, regulations, orders and decrees.

(xvii) Ownership of Assets. The Company has good and valid title to all property (whether real or personal) described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus as being owned by it, in each case free and clear of all liens, claims, security interests, other encumbrances or defects except such as are described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus and except where the failure to have such ownership or title would not reasonably be expected to have, individually or in the aggregate, a Material Adverse Effect. The property held under lease by the Company is held by it under valid, subsisting and enforceable leases with only such exceptions with respect to any particular lease as do not interfere with the conduct of the business of the Company and except where the failure to have such leasehold title would not reasonably be expected to have, individually or in the aggregate, a Material Adverse Effect.

(xviii) Intellectual Property . Except as disclosed in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, the Company owns, possesses or has rights to all Intellectual Property (as defined below) necessary for the conduct of the Company's business as now conducted or as described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus to be conducted, except as such failure to own, possess or have such rights would not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect. Furthermore, (A) to the knowledge of the Company, there is no infringement, misappropriation or violation by third parties of any such Intellectual Property, except as such infringement, misappropriation or violation that would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect; (B) there is no pending or, to the knowledge of the Company, threatened, action, suit, proceeding or claim by others challenging the Company's rights in or to any such Intellectual Property, and the Company is unaware of any facts which would form a reasonable basis for any such claim; (C) the Intellectual Property owned by the Company, and to the knowledge of the Company, the Intellectual Property licensed to the Company, has not been adjudged invalid or unenforceable, in whole or in part, and there is no pending or, to the knowledge of the Company, threatened action, suit, proceeding or claim by others challenging the validity or scope of any such Intellectual Property, and the Company is unaware of any facts which would form a reasonable basis for any such claim; (D) there is no pending or, to the knowledge of the Company, threatened action, suit, proceeding or claim by others that the Company infringes, misappropriates or otherwise violates any Intellectual Property or other proprietary rights of others, except as would not, individually or in the aggregate, result in a Material Adverse Effect, and the Company has not received any written notice of such claim and the Company is unaware of any other fact which would form a reasonable basis for any such claim; and (E) except as disclosed in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, to the Company's knowledge, no employee of the Company is in or has ever been in violation of any term of any employment contract, patent disclosure agreement, invention assignment agreement, non-competition agreement, non-solicitation agreement, nondisclosure agreement or any restrictive covenant to or with a former employer where the basis of such violation relates to such employee's employment with the Company or actions undertaken by the employee while employed with the Company, except as such violation would not result in a Material Adverse Effect. "Intellectual Property" shall mean all patents, patent applications, trade and service marks, trade and service mark registrations, trade names, copyrights, licenses, inventions, trade secrets, domain names, technology, know-how and other intellectual property.

(xix) Regulatory Compliance . Except as described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, the Company: (i) has not received any unresolved U.S. Food and Drug Administration ("**FDA**") Form 483 or other Governmental Authority notice of inspectional observations, notice of adverse filing, warning letter, untitled letter or other correspondence or notice from the FDA, or any other court or arbitrator or federal, state, local or foreign governmental or regulatory authority, alleging or asserting noncompliance with the Federal Food, Drug and Cosmetic Act (21 U.S.C. § 301 et seq.), or received any requests or requirements to make changes to the

Company products by the FDA or any other Governmental Authority; (ii) is and has been in material compliance with applicable health care laws, including without limitation, the Federal Food, Drug and Cosmetic Act (21 U.S.C. § 301 et seq.), the federal Anti-kickback Statute (42 U.S.C. § 1320a-7b(b)), the civil False Claims Act (31 U.S.C. § 3729 et seq.), the administrative False Claims Law (42 U.S.C. § 1320a-7b(a)), the Civil Monetary Penalties Law (42 U.S.C. § 1320a-7a) , the Health Insurance Portability and Accountability Act of 1996 (42 U.S.C. § 1320d et seq.), as amended by the Health Information Technology for Economic and Clinical Health Act of 2009 (collectively, "**HIPAA**"), the exclusion laws (42 U.S.C. § 1320a-7), the Physician Payments Sunshine Act (42 U.S.C. § 1320a-7h) , all criminal laws relating to health care fraud and abuse, including but not limited to 18 U.S.C. Sections 286 and 287, and the health care fraud criminal provisions under HIPAA, Medicare (Title XVIII of the Social Security Act), Medicaid (Title XIX of the Social Security Act), and the regulations promulgated pursuant to such laws, and comparable state laws, and all other local, state, federal, national, supranational and foreign laws, manual provisions, policies and administrative guidance relating to the regulation of the Company (collectively, the "**Health Care Laws**"); (iii) possesses all licenses, certificates, approvals, clearances, authorizations, permits and supplements or amendments thereto required by any such Health Care

Laws to carry on its businesses as now or proposed to be conducted (collectively, the “*Authorizations*”) and such Authorizations are valid and in full force and effect and the Company is not in material violation of any term of any such Authorizations; (iv) has not received notice of any ongoing claim, action, suit, proceeding, hearing, enforcement, investigation, arbitration or other action from any Governmental Authority or third party alleging any material violation of any Health Care Laws or Authorizations and has no knowledge that any such Governmental Authority or third party is considering any such claim, litigation, arbitration, action, suit, investigation or proceeding; (v) has not received notice that any Governmental Authority has taken, is taking or intends to take action to limit, suspend, modify or revoke any Authorizations and has no knowledge that any such Governmental Authority is considering such action; (vi) has filed, obtained, maintained or submitted all material reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments thereto as required by any Health Care Laws or Authorizations and all such reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments were complete, correct and not misleading on the date filed (or were corrected or supplemented by a subsequent submission if required by law); (vii) has not, either voluntarily or involuntarily, initiated, conducted, or issued or caused to be initiated, conducted or issued, any recall, market withdrawal or replacement, safety alert, post sale warning, “dear doctor” letter, or other notice or action relating to the alleged lack of safety, efficacy or regulatory compliance of any product or any alleged product defect or violation and, to the Company’s knowledge, no third party has initiated or conducted any such notice or action and there are no facts which are reasonably likely to cause, and the Company has not received any written notice from the FDA or any other regulatory agency regarding, a material recall, market withdrawal or replacement of any Company product sold or intended to be sold by the Company, a material change in the marketing classification or a material adverse change in the labeling of any such Company products, or a termination or suspension of the manufacturing, marketing, or distribution of such Company products; (viii) is not a party to any corporate integrity agreement, deferred prosecution agreement, monitoring agreement, consent decree, settlement order, or similar

agreements, or has any reporting obligations pursuant to any such agreement, plan or correction or other remedial measure entered into with any Governmental Authority; (ix) has not, nor has any officer, director, employee, or, to the knowledge of the Company, any agent or distributor of the Company, made an untrue statement of a material fact or a fraudulent statement to the FDA or any other Governmental Authority, failed to disclose a material fact required to be disclosed to the FDA or any other Governmental Authority, or committed an act, made a statement, or failed to make a statement, in each such case, related to the business of the Company that, at the time such disclosure was made, would reasonably be expected to provide a basis for the FDA to invoke its policy respecting “Fraud, Untrue Statements of Material Facts, Bribery, and Illegal Gratuities”, set forth in 56 Fed. Reg. 46191 (September 10, 1991) or for the FDA or any other Governmental Authority to invoke any similar policy, except for any act or statement or failure to make a statement that, individually or in the aggregate, has not had and would not reasonably be expected to have a Material Adverse Effect; (x) has not, nor has any officer, director, employee, or, to the knowledge of the Company, any agent or distributor of the Company, been debarred or convicted of any crime or engaged in any conduct for which debarment is mandated by 21 U.S.C. § 335a(a) or any similar Law or authorized by 21 U.S.C. § 335a(b) or any similar Law applicable in other jurisdictions in which material quantities of any of the Company products or Company product candidates are sold or intended by the Company to be sold; and (xi) none of the Company or its officers, directors, or employees, or, to the knowledge of the Company, its agents or contractors, has been or is currently excluded from participation in the Medicare and Medicaid programs or any other state or federal health care program.

(xx) Clinical Studies . The studies, tests and preclinical and clinical trials conducted or sponsored by or, to the knowledge of the Company, conducted on behalf of, the Company as described in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, were and, if still pending, are, in all material respects, being conducted in accordance with applicable experimental protocols, procedures and controls pursuant to accepted professional medical and scientific standards and all relevant applicable laws and Authorizations, including, without limitation, the Federal Food, Drug and Cosmetic Act and the rules and regulations promulgated thereunder; the descriptions of the results of such studies, tests and trials contained in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus are accurate and complete in all material respects and fairly present the data derived from such studies, tests and trials; except to the extent disclosed in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, the Company has no knowledge of any studies, tests or trials the results of which the Company believes reasonably call into question the study, test or trial results described or referred to in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus when viewed in the context in which such results are described and the clinical state of development; and the Company has not received any notices or correspondence from any Governmental Authority requiring the termination, suspension or material modification of any studies, tests or preclinical or clinical trials conducted by or on behalf of the Company.

(xxi) No Violations or Defaults. The Company is (i) not in violation of its charter, by-laws or other organizational documents, or (ii) in breach of or otherwise in default, and no event has occurred which, with notice or lapse of time or both, would constitute such a default in the performance of any material obligation, agreement or condition contained in any bond, debenture, note, indenture, loan agreement or any other material contract, lease or other instrument to which it is subject or by which it may be bound, or to which any of the material property or assets of the Company is subject, except in the case of clause (ii) above, for such defaults as would not, individually or in the aggregate, reasonably be expected to result in a Material Adverse Effect.

(xxii) Taxes. The Company has timely filed all federal, state, local and foreign income and other material tax returns required to be filed through the date hereof and is not in default in the payment of any taxes which were payable pursuant to said returns or any assessments with respect thereto, other than any which the Company is contesting in good faith. There is no pending dispute with any taxing authority relating to any of such returns, and the Company has no knowledge of any proposed material liability for any tax to be imposed upon the properties or assets of the Company for which there is not an adequate reserve reflected in the Company's financial statements included in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus.

(xxiii) Exchange Listing and Exchange Act Registration. The Common Stock is registered pursuant to Section 12(b) of the Exchange Act and is included or approved for listing on the NASDAQ Global Select Market and the Company has taken no action designed to, or likely to have the effect of, terminating the registration of the Common Stock under the Exchange Act or delisting the Common Stock from the NASDAQ Global Select Market nor has the Company received any notification that the Commission or the NASDAQ Global Select Market is contemplating terminating such registration or listing. The Company has complied in all material respects with the applicable requirements of the NASDAQ Global Select Market for maintenance of inclusion of the Common Stock thereon. The Company has submitted a listing of additional shares notification form to NASDAQ to include the Securities on the NASDAQ Global Select Market. Except as previously disclosed to counsel for the Underwriters or as set forth in the Time of Sale Disclosure Package and the Prospectus, there are no affiliations with members of FINRA among the Company's officers or directors or, to the knowledge of the Company, any five percent or greater stockholders of the Company, any beneficial owner of the Company's capital stock or subordinated debt who, together with their associated persons and affiliates, hold in the aggregate 10% or more of such capital stock or subordinated debt, or any beneficial owner of the Company's unregistered equity securities that were acquired during the 180-day period immediately preceding the initial filing date of the Registration Statement through the offering of the Securities.

(xxiv) Ownership of Other Entities. The Company has no subsidiaries. The Company, directly or indirectly, owns no capital stock or other equity or ownership or proprietary interest in any corporation, partnership, association, trust or other entity.

(xxv) Internal Controls. The Company maintains a system of internal accounting controls that are designed to provide reasonable assurances that (i) transactions are executed in accordance with management's general or specific authorization; (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with generally accepted accounting principles in the United States and to maintain accountability for assets; (iii) access to assets is permitted only in accordance with management's general or specific authorization; (iv) the recorded accountability for assets is compared with existing assets at reasonable intervals and appropriate action is taken with respect to any differences and (v) the interactive data in eXtensible Business Reporting Language included or incorporated by reference in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, fairly presents the information called for in all material respects and is prepared in accordance with the Commission's rules and guidelines applicable thereto. Except as disclosed in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, the Company's internal control over financial reporting is effective and none of the Company, its board of directors and audit committee is aware of any "significant deficiencies" or "material weaknesses" (each as defined by the Public Company Accounting Oversight Board) in its internal control over financial reporting, or any fraud, whether or not material, that involves management or other employees of the Company who have a significant role in the Company's internal controls; and since the end of the latest audited fiscal year, there has been no change in the Company's internal control over financial reporting (whether or not remediated) that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting. The Company's board of directors has, subject to the exceptions, cure periods and the phase-in periods specified in the applicable exchange rules ("**Exchange Rules**"), validly appointed an audit committee to oversee internal accounting controls whose composition satisfies the applicable requirements of the Exchange Rules and the Company's board of directors and/or the audit committee has adopted a charter that satisfies the requirements of the Exchange Rules.

(xxvi) No Brokers or Finders. Other than as contemplated by this Agreement, the Company has not incurred and will not incur any liability for any finder's or broker's fee or agent's commission in connection with the execution and delivery of this Agreement or the consummation of the transactions contemplated hereby.

(xxvii) Insurance. The Company carries, or is covered by, insurance in such amounts and covering such risks as the Company reasonably believes is adequate for the conduct of its business and the value of its properties; all policies of insurance and any fidelity or surety bonds insuring the Company or its business, assets, employees, officers and directors are in full force and effect; the Company is in compliance with the terms of such policies and instruments in all material respects; there are no claims by the Company under any such policy or instrument as to which any insurance company is denying liability or defending under a reservation of rights clause; the Company has not been refused any insurance coverage sought or applied for; and the Company has no reason to believe that it will not be able to renew its existing insurance coverage as and when such coverage expires or to obtain similar coverage from similar insurers as may be necessary to continue its business at a cost that would not have a Material Adverse Effect.

(xxviii) Investment Company Act . The Company is not and, after giving effect to the offering and sale of the Securities and the application of proceeds therefrom, will not be an “investment company,” as such term is defined in the Investment Company Act of 1940, as amended.

(xxix) Sarbanes-Oxley Act . The Company is in compliance with all applicable provisions of the Sarbanes-Oxley Act and the rules and regulations of the Commission thereunder.

(xxx) Disclosure Controls . The Company has established and maintains disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act) and such controls and procedures have been designed to ensure and are effective in ensuring that material information relating to the Company is made known to the Company’s principal executive officer and principal financial officer. The Company has utilized such controls and procedures in preparing and evaluating the disclosures in the Registration Statement, in the Time of Sale Disclosure Package and in the Prospectus.

(xxxi) Anti-Bribery and Anti-Money Laundering Laws . Each of the Company, its affiliates and its officers, directors, supervisors, managers, or employees, or to the Company’s knowledge, agents has not violated, its participation in the offering will not violate, and the Company has instituted and maintains policies and procedures designed to ensure continued compliance with, each of the following laws: (A) anti-bribery laws, including but not limited to, any applicable law, rule, or regulation of any locality, including but not limited to any law, rule, or regulation promulgated to implement the OECD Convention on Combating Bribery of Foreign Public Officials in International Business Transactions, signed December 17, 1997, including the U.S. Foreign Corrupt Practices Act of 1977, as amended, the U.K. Bribery Act 2010, or any other law, rule or regulation of similar purposes and scope or (B) anti-money laundering laws, including but not limited to, applicable federal, state, international, foreign or other laws, regulations or government guidance regarding anti-money laundering, including, without limitation, Title 18 US. Code section 1956 and 1957, the Patriot Act, the Bank Secrecy Act, and international anti-money laundering principles or procedures by an intergovernmental group or organization, such as the Financial Action Task Force on Money Laundering, of which the United States is a member and with which designation the United States representative to the group or organization continues to concur, all as amended, and any Executive order, directive, or regulation pursuant to the authority of any of the foregoing, or any orders or licenses issued thereunder.

(xxxii) OFAC . (A) Neither the Company, nor any of its directors, officers or employees, nor, to the Company’s knowledge, any agent, affiliate or representative of the Company, is an individual or entity that is, or is owned or controlled by an individual or entity that is: (1) the subject of any sanctions administered or enforced by the U.S. Department of Treasury’s Office of Foreign Assets Control, the United Nations Security Council, the European Union, Her Majesty’s Treasury, or other relevant sanctions authority (collectively, “*Sanctions*”), nor (2) located, organized or resident in a country or

territory that is the subject of Sanctions (including, without limitation, Burma/Myanmar, Cuba, Iran, Libya, North Korea, Sudan and Syria).

(B) The Company will not, directly or indirectly, use the proceeds of the offering, or lend, contribute or otherwise make available such proceeds to any subsidiary, joint venture partner or other individual or entity:

(1) to fund or facilitate any activities or business of or with any individual or entity or in any country or territory that, at the time of such funding or facilitation, is the subject of Sanctions; or

(2) in any other manner that will result in a violation of Sanctions by any individual or entity (including any individual or entity participating in the offering, whether as underwriter, advisor, investor or otherwise).

(C) For the past five years, the Company has not knowingly engaged in, and is not now knowingly engaged in, any dealings or transactions with any individual or entity, or in any country or territory, that at the time of the dealing or transaction is or was the subject of Sanctions.

(xxxiii) Compliance with Environmental Laws. Except as disclosed in the Time of Sale Disclosure Package and the Prospectus, the Company is not in violation of any statute, any rule, regulation, decision or order of any Governmental Authority or any court, domestic or foreign, relating to the use, disposal or release of hazardous or toxic substances or relating to the protection or restoration of the environment or human exposure to hazardous or toxic substances (collectively, “**Environmental Laws**”), owns or operates any real property contaminated with any substance that is subject to any Environmental Laws, is liable for any off-site disposal or contamination pursuant to any Environmental Laws, or is subject to any claim relating to any Environmental Laws, which violation, contamination, liability or claim would individually or in the aggregate, have a Material Adverse Effect; and the Company is not aware of any pending investigation which might lead to such a claim. The Company does not anticipate incurring any material capital expenditures relating to compliance with Environmental Laws.

(xxxiv) Compliance with Occupational Laws. The Company (A) is in compliance, in all material respects, with any and all applicable foreign, federal, state and local laws, rules, regulations, treaties, statutes and codes promulgated by any and all Governmental Authorities (including pursuant to the Occupational Health and Safety Act) relating to the protection of human health and safety in the workplace (“**Occupational Laws**”); (B) has received all material permits, licenses or other approvals required of it under applicable Occupational Laws to conduct its business as currently conducted; and (C) is in compliance, in all material respects, with all terms and conditions of such permit, license or approval. No action, proceeding, revocation proceeding, writ, injunction or claim is pending or, to the Company’s knowledge, threatened against the Company relating to Occupational Laws, and the Company does not have knowledge of any facts, circumstances

or developments relating to its operations or cost accounting practices that could reasonably be expected to form the basis for or give rise to such actions, suits, investigations or proceedings that would reasonably be expected to have a Material Adverse Effect.

(xxxv) ERISA and Employee Benefits Matters. (A) To the knowledge of the Company, no “prohibited transaction” as defined under Section 406 of ERISA (as defined below) or Section 4975 of the Code (as defined below) and not exempt under ERISA Section 408 and the regulations and published interpretations thereunder has occurred with respect to any Employee Benefit Plan (as defined below). At no time has the Company or any ERISA Affiliate (as defined below) maintained, sponsored, participated in, contributed to or has or had any material liability or obligation in respect of any Employee Benefit Plan subject to Part 3 of Subtitle B of Title I of ERISA, Title IV of ERISA, or Section 412 of the Code or any “multiemployer plan” as defined in Section 3(37) of ERISA or any multiple employer plan for which the Company or any ERISA Affiliate has incurred or would reasonably be expected to incur liability under Section 4063 or 4064 of ERISA. No Employee Benefit Plan provides or promises, or at any time provided or promised, retiree health, life insurance, or other retiree welfare benefits except as may be required by the Consolidated Omnibus Budget Reconciliation Act of 1985, as amended, or similar state law. Each Employee Benefit Plan is and has been operated in material compliance with its terms and all applicable laws, including but not limited to ERISA and the Code and, to the knowledge of the Company, no event has occurred (including a “reportable event” as such term is defined in Section 4043 of ERISA) and no condition exists that would subject the Company or any ERISA Affiliate to any material tax, fine, lien, penalty or liability imposed by ERISA, the Code or other applicable law, except as would not reasonably be expected to have a Material Adverse Effect. Each Employee Benefit Plan intended to be qualified under Code Section 401(a) is so qualified and has a favorable determination or opinion letter from the Internal Revenue Service upon which it can rely, and any such determination or opinion letter remains in effect and has not been revoked and to the knowledge of the Company, nothing has occurred since the date of any such determination or opinion letter that is reasonably likely to adversely affect such qualification; and (B) the Company does not have any obligations under any collective bargaining agreement with any union and to the knowledge of the Company, no organization efforts are underway with respect to Company employees. As used in this Agreement, “**Code**” means the Internal Revenue Code of 1986, as amended; “**Employee Benefit Plan**” means any “employee benefit plan” within the meaning of Section 3(3) of ERISA, including, without limitation, all stock purchase, stock option, stock-based severance, employment, change-in-control, medical, disability, fringe benefit, bonus, incentive, deferred compensation, employee loan and all other employee benefit plans, agreements, programs, policies or other arrangements, whether or not subject to ERISA, under which (x) any current or former employee, director or independent contractor of the Company has any present or future right to benefits and which are contributed to, sponsored by or maintained by the Company or (y) the Company has had or has any present or future obligation or liability; “**ERISA**” means the Employee Retirement Income Security Act of 1974, as amended; and “**ERISA Affiliate**” means any member of the Company’s controlled group as defined in Code Section 414(b), (c), (m) or (o). The Company has no Employee Benefit Plan established, maintained or contributed to outside of

the United States of America or which covers any employee working or residing outside of the United States.

(xxxvi) Business Arrangements. Except as disclosed in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus, the Company has not granted rights to develop, manufacture, produce, assemble, distribute, license, market or sell its products to any other person and is not bound by any agreement that affects the exclusive right of the Company to develop, manufacture, produce, assemble, distribute, license, market or sell its products.

(xxxvii) Labor Matters. No labor dispute with the employees of the Company exists or, to the knowledge of the Company, is threatened or imminent, and the Company is not aware of any existing or imminent labor disturbance by the employees of any of its principal suppliers, contractors or customers, except as would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect.

(xxxviii) Disclosure of Legal Matters. There are no statutes, regulations, legal or governmental proceedings or contracts or other documents required to be described in the Time of Sale Disclosure Package or the Prospectus or included as exhibits to the Registration Statement or the documents incorporated by reference in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus that are not described in all material respects or included as required.

(xxxix) Statistical Information. Any third-party statistical and market-related data included or incorporated by reference in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus are based on or derived from sources that the Company reasonably believes to be reliable and accurate in all material respects.

(xl) Forward-looking Statements. No forward-looking statement (within the meaning of Section 27A of the Securities Act and Section 21E of the Exchange Act) contained in the Registration Statement, the Time of Sale Disclosure Package or the Prospectus has been made or reaffirmed without a reasonable basis or has been disclosed other than in good faith.

(b) Effect of Certificates. Any certificate signed by any officer of the Company and delivered to you or to counsel for the Underwriters shall be deemed a representation and warranty by the Company to each Underwriter as to the matters covered thereby.

3. ***Purchase, Sale and Delivery of Securities*** .

(a) Firm Shares. On the basis of the representations, warranties and agreements herein contained, but subject to the terms and conditions herein set forth, the Company agrees to issue and sell the Firm Shares to the several Underwriters, and each Underwriter agrees, severally and not jointly, to purchase from the Company the number of Firm Shares set forth opposite the name of such Underwriter in Schedule I hereto. The purchase price for each Firm Share shall be \$[•] per share. The obligation of each Underwriter to the Company shall be to purchase from the

Company that number of Firm Shares (to be adjusted by the Representatives to avoid fractional shares) which represents the same proportion of the number of Firm Shares to be sold by the Company pursuant to this Agreement as the number of Firm Shares set forth opposite the name of such Underwriter in Schedule I hereto represents to the total number of Firm Shares to be purchased by all Underwriters pursuant to this Agreement. In making this Agreement, each Underwriter is contracting severally and not jointly; except as provided in paragraph (d) of this Section 3 and in Section 8 hereof, the agreement of each Underwriter is to purchase only the respective number of Firm Shares specified in Schedule I.

(b) Option Shares. On the basis of the representations, warranties and agreements herein contained, but subject to the terms and conditions herein set forth, the Company hereby grants to the several Underwriters an option to purchase all or any portion of the Option Shares at the same purchase price as the Firm Shares. The option granted hereunder may be exercised in whole or in part at any time (but not more than once) within 30 days after the effective date of this Agreement upon notice (confirmed in writing) by the Representatives to the Company setting forth the aggregate number of Option Shares as to which the several Underwriters are exercising the option and the date and time, as determined by you, when the Option Shares are to be delivered, but in no event earlier than the First Closing Date (as defined below) nor earlier than the second business day (unless such date is the same date as the First Closing Date) or later than the tenth business day after the date on which the option shall have been exercised. The number of Option Shares to be purchased by each Underwriter shall be the same percentage of the total number of Option Shares to be purchased by the several Underwriters as the number of Firm Shares to be purchased by such Underwriter is of the total number of Firm Shares to be purchased by the several Underwriters, as adjusted by the Representatives in such manner as the Representatives deem advisable to avoid fractional shares. No Option Shares shall be sold and delivered unless the Firm Shares previously have been, or simultaneously are, sold and delivered.

(c) Payment and Delivery.

(i) The Securities to be purchased (i) by each Underwriter hereunder, in such authorized denominations and registered in such names as the Representatives may request, upon at least forty-eight hours' prior notice to the Company, shall be delivered by or on behalf of the Company to the Representatives, through the facilities of the Depository Trust Company ("DTC"), for the account of each such Underwriter, with any transfer taxes payable in connection with the transfer of the Securities to the Underwriters duly paid by the Company, against payment by the Representatives on behalf of each such Underwriter of the purchase price, by wire transfer of same-day funds to the account specified by the Company. The time and date of such delivery and payment shall be, with respect to the Firm Shares, 9:30 a.m., New York City time, on [•], 2015 or such other time and date as the Representatives and the Company may agree upon in writing, and, with respect to the Option Shares, 9:30 a.m., New York City time, on the date specified by the Representatives in each written notice given by the Representatives of the Underwriters' election to purchase such Option Shares, or such other time and date as the Representatives and the Company may agree upon in writing. Such time and date for delivery of the Firm Shares is herein called the "**First Closing Date**", each such time and date for delivery of the Option Shares,

if not the First Closing Date, is herein called a “*Second Closing Date*”, and each such time and date for delivery is herein called a “*Closing*” or “*Closing Date*”.

(ii) The documents to be delivered at each Closing by or on behalf of the parties hereto pursuant to Section 5 hereof, including the cross receipt for the Securities and any additional documents requested by the Underwriters pursuant to Section 5(j) hereof, will be delivered at the offices of Latham & Watkins LLP, 650 Town Center Drive, 20th Floor, Costa Mesa, California 92625 (the “*Closing Location*”). A meeting will be held at the Closing Location at 3:00 p.m., New York City time, on the New York Business Day (as defined below) next preceding such Closing, at which meeting the final drafts of the documents to be delivered pursuant to the preceding sentence will be available for review by the parties hereto. For the purposes of this Section 3, “*New York Business Day*” shall mean each Monday, Tuesday, Wednesday, Thursday and Friday which is not a day on which banking institutions in New York City are generally authorized or obligated by law or executive order to close.

(d) *Purchase by Representatives on Behalf of Underwriters*. It is understood that each of the Representatives, individually and not as representative of the several Underwriters, may (but shall not be obligated to) make payment to the Company, on behalf of any Underwriter for the Securities to be purchased by such Underwriter. Any such payment by any of the Representatives shall not relieve any such Underwriter of any of its obligations hereunder. Nothing herein contained shall constitute any of the Underwriters an unincorporated association or partner with the Company.

4. *Covenants*.

(a) *Covenants of the Company*. The Company covenants and agrees with the several Underwriters as follows:

(i) *Required Filings*. The Company will prepare and file a Prospectus with the Commission containing the Rule 430A Information omitted from the Preliminary Prospectus within the time period required by, and otherwise in accordance with the provisions of, Rules 424(b) and 430A of the Rules and Regulations. If the Company has elected to rely upon Rule 462(b) of the Rules and Regulations to increase the size of the offering registered under the Securities Act and the Rule 462(b) Registration Statement has not yet been filed and become effective, the Company will prepare and file the Rule 462(b) Registration Statement with the Commission within the time period required by, and otherwise in accordance with the provisions of, Rule 462 (b) and the Securities Act. The Company will prepare and file with the Commission, promptly upon your request, any amendments or supplements to the Registration Statement or Prospectus (or any document to be filed with the Commission and incorporated by reference therein) that, in your opinion, may be necessary or advisable in connection with the distribution of the Securities by the Underwriters; and the Company will furnish the Representatives and counsel for the Underwriters a copy of any proposed amendment or supplement to the Registration Statement or Prospectus (or any document to be filed with the Commission and incorporated by reference therein) and will not file any amendment or supplement to the Registration

Statement or Prospectus (or any document to be filed with the Commission and incorporated by reference therein) to which you shall reasonably object by notice to the Company after having been furnished a copy a reasonable time prior to the filing.

(ii) *Notification of Certain Commission Actions*. The Company will advise you, promptly after it shall receive notice or obtain knowledge thereof, of the issuance by the Commission of any stop order suspending the effectiveness of the Registration Statement, or any post-effective amendment thereto or preventing or suspending the use of any Preliminary Prospectus, the Time of Sale Disclosure Package, the Prospectus or any issuer free writing prospectus, of the suspension of the qualification of the Securities for offering or sale in any jurisdiction, or of the initiation or threatening of any proceeding for any such purpose; and the Company will promptly use its best efforts to prevent the issuance of any stop order or to obtain its withdrawal if such a stop order should be issued.

(iii) Continued Compliance with Securities Laws.

(A) Within the time during which a prospectus (assuming the absence of Rule 172) relating to the Securities is required to be delivered under the Securities Act by any Underwriter or dealer, the Company will comply with all requirements imposed upon it by the Securities Act, as now and hereafter amended, and by the Rules and Regulations, as from time to time in force, and by the Exchange Act, so far as necessary to permit the continuance of sales of or dealings in the Securities as contemplated by the provisions hereof, the Time of Sale Disclosure Package and the Prospectus. If during such period any event occurs as a result of which the Prospectus (or if the Prospectus is not yet available to prospective purchasers, the Time of Sale Disclosure Package) would include an untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in the light of the circumstances then existing, not misleading, or if during such period it is necessary to amend the Registration Statement or supplement the Prospectus (or if the Prospectus is not yet available to prospective investors, the Time of Sale Disclosure Package) to comply with the Securities Act or to file under the Exchange Act any document which would be deemed to be incorporated by reference in the Registration Statement, the Time of Sale Disclosure Package and the Prospectus in order to comply with the Securities Act or the Exchange Act, the Company promptly will (x) notify you of such untrue statement or omission, (y) amend the Registration Statement or supplement the Prospectus (or, if the Prospectus is not yet available to prospective purchasers, the Time of Sale Disclosure Package) or file such documents (at the expense of the Company) so as to correct such statement or omission or effect such compliance and (z) notify you when any amendment to the Registration Statement is filed or becomes effective or when any supplement to the Prospectus (or, if the Prospectus is not yet available to prospective purchasers, the Time of Sale Disclosure Package) or such document is filed.

(B) If at any time following issuance of an issuer free writing prospectus or Written Testing-the-Waters Communication, there occurred or occurs an event or development as a result of which such issuer free writing prospectus or Written Testing-the-Waters Communication conflicted or would conflict with the information contained in the Registration Statement, any Preliminary Prospectus or the Prospectus relating to the Securities or included or would include an untrue statement of a material fact or omitted or would omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances prevailing at that subsequent time, not misleading, the Company (x) has promptly notified or promptly will notify the Representatives of such conflict, untrue statement or omission, (y) has promptly amended or will promptly amend or supplement, at its own expense, such issuer free writing prospectus or Written Testing-the-Waters Communication to eliminate or correct such conflict, untrue statement or omission and (z) has notified or promptly will notify you when such amendment or supplement was or is filed with the Commission to the extent required to be filed by the Rules and Regulations.

(iv) Blue Sky Qualifications. The Company shall take or cause to be taken all necessary action to qualify the Securities for sale under the securities laws of such domestic United States or foreign jurisdictions as you reasonably designate and to continue such qualifications in effect so long as required for the distribution of the Securities, except that the Company shall not be required in connection therewith to qualify as a foreign corporation or to execute a general consent to service of process in any state or to subject itself to taxation in any jurisdiction if it is not otherwise so subject.

(v) Provision of Documents. The Company will furnish, at its own expense, to the Underwriters and counsel for the Underwriters copies of the Registration Statement, each Preliminary Prospectus, the Time of Sale Disclosure Package, the Prospectus, any issuer free writing prospectus and all amendments and supplements to such documents (in each case including all exhibits and consents filed therewith and documents incorporated by reference therein), in each case as soon as practicable and in such quantities as you may from time to time reasonably request.

(vi) Rule 158. The Company will make generally available to its security holders as soon as practicable, but in no event later than 15 months after the end of the Company's current fiscal quarter (which may be satisfied by filing on EDGAR), an earnings statement (which need not be audited) covering a 12-month period beginning after the effective date of the Registration Statement (which, for purposes of this paragraph, will be deemed to be the effective date of the Rule 462(b) Registration Statement, if applicable) that shall satisfy the provisions of Section 11(a) of the Securities Act and Rule 158 of the Rules and Regulations.

(vii) Payment and Reimbursement of Expenses. The Company, whether or not the transactions contemplated hereunder are consummated or this Agreement is terminated, will pay or cause to be paid (A) all expenses (including transfer taxes allocated to the respective transferees) incurred in connection with the delivery to the

Underwriters of the Securities, (B) all expenses and fees (including, without limitation, fees and expenses of the Company's accountants and counsel but, except as otherwise provided below, not including fees of the Underwriters' counsel) in connection with the preparation, printing, filing, delivery, and shipping of the Registration Statement (including the financial statements therein and all amendments, schedules, and exhibits thereto), the Securities, each Preliminary Prospectus, the Time of Sale Disclosure Package, the Prospectus, any issuer free writing prospectus and any amendment thereof or supplement thereto, and the printing, delivery, and shipping of this Agreement and other underwriting documents, including blue sky memoranda (covering the states and other applicable jurisdictions), (C) all filing fees and reasonable fees and disbursements of the Underwriters' counsel incurred in connection with the qualification of the Securities for offering and sale by the Underwriters or by dealers under the securities or blue sky laws of the states and other jurisdictions which you shall designate, (D) the fees and expenses of the custodian and any transfer agent or registrar, (E) the filing fees and reasonable fees and disbursements of Underwriters' counsel incident to any required review and approval by FINRA of the terms of the sale of the Securities (such fees and expenses of counsel not to exceed \$25,000 (excluding filing fees)), (F) listing fees, if any, (G) the cost and expenses of the Company relating to investor presentations or any "road show" undertaken in connection with marketing of the Securities, including, without limitation, expenses associated with the preparation or dissemination of any electronic road show, expenses associated with the production of road show slides and graphics, fees and expenses of any consultants engaged in connection with the road show presentations with the prior approval of the Company, travel and lodging expenses of the representatives and officers of the Company and any such consultants, and 50% of the cost of any aircraft chartered in connection with the road show (the remaining 50% of the cost of such aircraft to be paid by the Underwriters), and (H) all other costs and expenses of the Company incident to the performance of its obligations hereunder that are not otherwise specifically provided for herein. If this Agreement is terminated by the Representatives pursuant to Section 9 hereof or if the sale of the Securities provided for herein is not consummated by reason of any failure, refusal or inability on the part of the Company to perform any agreement on its part to be performed, or because any other condition of the Underwriters' obligations hereunder required to be fulfilled by the Company is not fulfilled, the Company will reimburse the several Underwriters for all reasonable out-of-pocket accountable disbursements (including but not limited to fees and disbursements of counsel, printing expenses, travel expenses, postage, facsimile and telephone charges, subject to the limitations set forth in (E) and (G) above) incurred by the Underwriters in connection with their investigation, preparing to market and marketing the Securities or in contemplation of performing their obligations hereunder; *provided, however,* that in the event any such termination is effected after the First Closing Date but prior to any Second Closing Date with respect to the purchase of any Option Shares, the Company shall only reimburse the Underwriters for all of their out-of-pocket expenses, including the reasonable fees and disbursements of counsel for the Underwriters, incurred after the First Closing Date in connection with the proposed purchase of any such Option Shares. For the avoidance of doubt, it is understood that the Company will not pay or reimburse any costs, fees or expenses incurred by any Underwriter that defaults on its obligations to purchase the Securities.

(viii) Use of Proceeds. The Company will apply the net proceeds from the sale of the Securities to be sold by it hereunder for the purposes set forth in the Time of Sale Disclosure Package and the Prospectus.

(ix) Company Lock-Up. The Company will not, without the prior written consent of the Representatives, from the date of execution of this Agreement and continuing to and including the date 90 days after the date of the Prospectus (the “**Lock-Up Period**”), (A) offer, pledge, announce the intention to sell, sell, contract to sell, sell any option or contract to purchase, purchase any option or contract to sell, grant any option, right or warrant to purchase or otherwise transfer or dispose of, directly or indirectly, any shares of Common Stock or any securities convertible into or exercisable or exchangeable for Common Stock or (B) enter into any swap or other agreement that transfers, in whole or in part, any of the economic consequences of ownership of the Common Stock, whether any such transaction described in clause (A) or (B) above is to be settled by delivery of Common Stock or such other securities, in cash or otherwise. The restrictions contained in the preceding paragraph shall not apply to (i) the Securities to be sold to the Underwriters pursuant to this Agreement, (ii) the issuance by the Company of shares of Common Stock upon the exercise of an option or warrant or the settlement of any other stock-based awards outstanding on the date hereof which is described in the Time of Sale Disclosure Package and the Prospectus, (iii) the grant by the Company of stock options or other stock-based awards (or the issuance of shares of Common Stock upon exercise thereof) to eligible participants pursuant to employee benefit or equity incentive plans of the Company described in the Time of Sale Disclosure Package and the Prospectus; *provided that*, prior to the grant of any such stock options or other stock-based awards pursuant to this clause (iii) that vest within the Lock-Up Period, each recipient of such grant shall sign and deliver a lock-up agreement substantially in the form of Exhibit A hereto, (iv) the securities issued in connection with any joint venture, commercial or collaborative relationship or the acquisition or license by the Company of the securities, businesses, property or other assets of another person or entity or pursuant to any employee benefit plan assumed by the Company in connection with any such acquisition; *provided, however*, that in the case of this clause (iv), the recipients thereof deliver a lock-up agreement substantially in the form of Exhibit A hereto, or (v) the filing of a registration statement on Form S-8 with respect to the registration of securities to be offered under any employee benefit or equity incentive plans of the Company described in the Time of Sale Disclosure Package and the Prospectus to the Company’s employees.

(x) Stockholder Lock-Ups. The Company has caused to be delivered to you prior to the date of this Agreement a letter, substantially in the form of Exhibit A hereto (the “**Lock-Up Agreement**”), from each individual or entity listed on Schedule II. The Company will enforce the terms of each Lock-Up Agreement and issue stop-transfer instructions to its transfer agent and registrar for the Common Stock with respect to any transaction or contemplated transaction that would constitute a breach of or default under the applicable Lock-Up Agreement.

(xi) No Market Stabilization or Manipulation. The Company has not taken and will not take, directly or indirectly, any action designed to or which would reasonably be expected to cause or result in, or which has constituted, the stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of the Securities, and has not effected any sales of Common Stock which are required to be disclosed in response to Item 701 of Regulation S-K under the Securities Act which have not been so disclosed in the Registration Statement.

(xii) SEC Reports. The Company, during the period when a Prospectus relating to the Securities is required to be delivered under the Securities Act, will file on a timely basis with the Commission such periodic and special reports as required by the Rules and Regulations.

(xiii) Disclosure Controls. The Company will maintain such controls and other procedures, including without limitation those required by Sections 302 and 906 of the Sarbanes-Oxley Act and the applicable regulations thereunder, that are designed to ensure that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Commission's rules and forms, including without limitation, controls and procedures designed to ensure that information required to be disclosed by the Company in the reports that it files or submits under the Exchange Act is accumulated and communicated to the Company's management, including its principal executive officer and its principal financial officer, or persons performing similar functions, as appropriate to allow timely decisions regarding required disclosure, to ensure that material information relating to Company, including its subsidiaries, is made known to them by others within those entities.

(xiv) Sarbanes-Oxley. The Company will comply with all applicable provisions of the Sarbanes-Oxley Act.

(xv) Free Writing Prospectuses. The Company represents and agrees that, unless it obtains the prior written consent of Piper Jaffray, and each Underwriter severally represents and agrees that, unless it obtains the prior written consent of the Company and Piper Jaffray, it has not made and will not make any offer relating to the Securities that would constitute an issuer free writing prospectus or that would otherwise constitute a free writing prospectus required to be filed with the Commission; provided that the prior written consent of the parties hereto shall be deemed to have been given in respect of the free writing prospectuses included in Schedule III. Any such free writing prospectus consented to by the Company and Piper Jaffray is hereinafter referred to as a "**Permitted Free Writing Prospectus**." The Company represents that it has treated or agrees that it will treat each Permitted Free Writing Prospectus as an issuer free writing prospectus, and has complied and will comply with the requirements of Rules 164 and 433 of the Rules and Regulations applicable to any Permitted Free Writing Prospectus. The Company represents that it has satisfied and agrees that it will satisfy the conditions in Rule 433 to avoid a requirement to file with the Commission any electronic road show. Each Underwriter severally represents and agrees that, (A) unless it obtains the prior written consent of the Company and Piper Jaffray, it has not distributed, and will not distribute any Written

Testing-the-Waters Communication other than those listed on Schedule V, and (B) any Testing-the-Waters Communication undertaken by it was with entities that are qualified institutional buyers with the meaning of Rule 144A under the Securities Act or institutions that are accredited investors within the meaning of Rule 501 under the Securities Act.

(xvi) Emerging Growth Company. The Company will promptly notify the Representatives if the Company ceases to be an Emerging Growth Company at any time prior to the later of (A) completion of the distribution of Securities within the meaning of the Securities Act and (B) completion of the 90-day restricted period referenced to in Section 4(a)(ix) hereof.

5. **Conditions of Underwriters' Obligations**. The obligations of the several Underwriters hereunder are subject to the accuracy, as of the date hereof and at each of the First Closing Date and the Second Closing Date (as if made at such Closing Date), of and compliance with all representations, warranties and agreements of the Company contained herein, to the performance by the Company of its obligations hereunder and to the following additional conditions:

(a) Required Filings; Absence of Certain Commission Actions. All filings required by Rules 424, 430A and 433 of the Rules and Regulations shall have been timely made (without reliance on Rule 424(b)(8) or Rule 164(b)); no stop order suspending the effectiveness of the Registration Statement or any part thereof or any amendment thereof, nor suspending or preventing the use of the Time of Sale Disclosure Package, the Prospectus or any issuer free writing prospectus shall have been issued; no proceedings for the issuance of such an order shall have been initiated or threatened; and any request of the Commission for additional information (to be included in the Registration Statement, the Time of Sale Disclosure Package, the Prospectus, any issuer free writing prospectus or otherwise) shall have been complied with to your reasonable satisfaction.

(b) Continued Compliance with Securities Laws. No Underwriter shall have advised the Company that (i) the Registration Statement or any amendment thereof or supplement thereto contains an untrue statement of a material fact which, in your opinion, is material or omits to state a material fact which, in your opinion, is required to be stated therein or necessary to make the statements therein not misleading, or (ii) the Time of Sale Disclosure Package or the Prospectus, or any amendment thereof or supplement thereto, or any issuer free writing prospectus contains an untrue statement of fact which, in your opinion, is material, or omits to state a fact which, in your opinion, is material and is required to be stated therein, or necessary to make the statements therein, in light of the circumstances under which they are made, not misleading.

(c) Absence of Certain Events. Except as contemplated in the Time of Sale Disclosure Package and the Prospectus, subsequent to the respective dates as of which information is given in the Time of Sale Disclosure Package and the Prospectus, the Company shall not have incurred any material liabilities or obligations, direct or contingent, or entered into any material transactions, or declared or paid any dividends or made any distribution of any kind with respect to its capital stock; and there shall not have been any change in the capital stock (other than a change in the number of outstanding shares of Common Stock due to the issuance of shares upon the

exercise of outstanding options or warrants), or any material change in the short-term or long-term debt of the Company, or any issuance of options, warrants, convertible securities or other rights to purchase the capital stock of the Company, or any Material Adverse Change or any development that would reasonably be expected to result in a Material Adverse Change (whether or not arising in the ordinary course of business), that, in your judgment, makes it impractical or inadvisable to offer or deliver the Securities on the terms and in the manner contemplated in the Time of Sale Disclosure Package and the Prospectus.

(d) No Downgrade. On or after the Time of Sale (i) no downgrading shall have occurred in the rating accorded the Company's debt securities or preferred stock by any "nationally recognized statistical organization," as that term is defined by the Commission for purposes of Rule 436(g)(2) under the Securities Act, and (ii) no such organization shall have publicly announced that it has under surveillance or review, with possible negative implications, its rating of any of the Company's debt securities or preferred stock;

(e) Opinion of Company Counsel. On each Closing Date, there shall have been furnished to you, as Representatives of the several Underwriters, the opinion of Cooley LLP, counsel for the Company, dated such Closing Date and addressed to you, in the form agreed upon by the Representatives and Cooley LLP.

(f) Opinion of Underwriters' Counsel. On each Closing Date, there shall have been furnished to you, as Representatives of the several Underwriters, such opinion or opinions of Latham & Watkins LLP, counsel for the several Underwriters, dated such Closing Date and addressed to you, with respect to the formation of the Company, the validity of the Securities, the Registration Statement, the Time of Sale Disclosure Package or the Prospectus and other related matters as you reasonably may request, and such counsel shall have received such papers and information as they request to enable them to pass upon such matters.

(g) Comfort Letter. On the date hereof, on the effective date of any post-effective amendment to the Registration Statement filed after the date hereof and on each Closing Date you, as Representatives of the several Underwriters, shall have received a letter of KPMG LLP, dated such date and addressed to you, in form and substance satisfactory to you.

(h) Officers' Certificate. On each Closing Date, there shall have been furnished to you, as Representatives of the Underwriters, a certificate, dated such Closing Date and addressed to you, signed by the chief executive officer and by the chief financial officer of the Company, to the effect that:

(i) The representations and warranties of the Company in this Agreement are true and correct as if made at and as of such Closing Date, and the Company has complied with all the agreements and satisfied all the conditions on its part to be performed or satisfied at or prior to such Closing Date;

(ii) No stop order or other order suspending the effectiveness of the Registration Statement or any part thereof or any amendment thereof or the qualification of the Securities for offering or sale, nor suspending or preventing the use of the Time of Sale

Disclosure Package, the Prospectus or any issuer free writing prospectus, has been issued, and no proceeding for that purpose has been instituted or, to their knowledge, is contemplated by the Commission or any state or regulatory body; and

(iii) Affirms the accuracy of the matters set forth in subsection (c) of this Section 5.

(i) Lock-Up Agreement. The Representatives on behalf of the Underwriters shall have received all of the Lock-Up Agreements referenced in Section 4 and the Lock-Up Agreements shall remain in full force and effect.

(j) Other Documents. The Company shall have furnished to you and counsel for the Underwriters such additional documents, certificates and evidence as you or they may have reasonably requested.

(k) FINRA No Objections. FINRA shall have raised no objection to the fairness and reasonableness of the underwriting terms and arrangements.

(l) Exchange Listing. The Company shall have (i) submitted a listing of additional shares notification form to NASDAQ with respect to the Securities, and (ii) received a confirmation from NASDAQ that its review has been completed, and NASDAQ shall not have disapproved of the listing of the Securities on NASDAQ.

All such opinions, certificates, letters and other documents will be in compliance with the provisions hereof only if they are reasonably satisfactory in form and substance to you and counsel for the Underwriters. The Company will furnish you with such conformed copies of such opinions, certificates, letters and other documents as you shall reasonably request.

6. ***Indemnification and Contribution*** .

(a) Indemnification by the Company. The Company agrees to indemnify and hold harmless each Underwriter, its affiliates, directors and officers and each person, if any, who controls such Underwriter within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, from and against any losses, claims, damages or liabilities, joint or several, to which such Underwriter may become subject, under the Securities Act or otherwise (including in settlement of any litigation if such settlement is effected with the written consent of the Company), insofar as such losses, claims, damages or liabilities (or actions in respect thereof) (i) arise out of or are based upon an untrue statement or alleged untrue statement of a material fact contained or incorporated by reference in the Registration Statement, including the Rule 430A Information and any other information deemed to be a part of the Registration Statement at the time of effectiveness and at any subsequent time pursuant to the Rules and Regulations, if applicable, any Preliminary Prospectus, the Time of Sale Disclosure Package, the Prospectus, or any amendment or supplement thereto, any issuer free writing prospectus, any issuer information that the Company has filed or is required to file pursuant to Rule 433(d) of the Rules and Regulations, or any Written Testing-the-Waters Communication, or any road show as defined in Rule 433(h) under the Securities Act (a “**road show**”), or (ii) arise out of or are based upon the omission or alleged omission to state therein

a material fact required to be stated therein or necessary to make the statements therein not misleading, and will reimburse each Underwriter for any legal or other expenses reasonably incurred by it in connection with investigating or defending against such loss, claim, damage, liability or action as such expenses are incurred; *provided, however*, that the Company will not be liable in any such case to the extent that any such loss, claim, damage, liability or action arises out of or is based upon an untrue statement or alleged untrue statement or omission or alleged omission made in reliance upon and in conformity with written information furnished to the Company by you, or by any Underwriter through you, specifically for use in the preparation thereof; it being understood and agreed that the only information furnished by an Underwriter consists of the information described as such in Section 6(e).

(b) *Indemnification by the Underwriters* . Each Underwriter will, severally and not jointly, indemnify and hold harmless the Company, its affiliates, directors and officers and each person, if any, who controls the Company within the meaning of Section 15 of the Securities Act and Section 20 of the Exchange Act, from and against any losses, claims, damages or liabilities to which the Company may become subject, under the Securities Act or otherwise (including in settlement of any litigation, if such settlement is effected with the written consent of such Underwriter), insofar as such losses, claims, damages or liabilities (or actions in respect thereof) (i) arise out of or are based upon an untrue statement or alleged untrue statement of a material fact contained in the Registration Statement, any Preliminary Prospectus, the Time of Sale Disclosure Package, the Prospectus, or any amendment or supplement thereto, any issuer free writing prospectus, any issuer information that the Company has filed or is required to file pursuant to Rule 433(d) of the Rules and Regulations, or any Written Testing-the-Waters Communication, or any road show, or (ii) arise out of or are based upon the omission or alleged omission to state therein a material fact required to be stated therein or necessary to make the statements therein not misleading, in each case to the extent, but only to the extent, that such untrue statement or alleged untrue statement or omission or alleged omission was made in conformity with written information furnished to the Company by you, or by such Underwriter through you, specifically for use in the preparation thereof (it being understood and agreed that the only information furnished by an Underwriter consists of the information described as such in Section 6(e)), and will reimburse the Company for any legal or other expenses reasonably incurred by the Company in connection with investigating or defending against any such loss, claim, damage, liability or action as such expenses are incurred.

(c) *Notice and Procedures* . Promptly after receipt by an indemnified party under subsection (a) or (b) above of notice of the commencement of any action, such indemnified party shall, if a claim in respect thereof is to be made against the indemnifying party under such subsection, notify the indemnifying party in writing of the commencement thereof; but the omission to so notify the indemnifying party shall not relieve the indemnifying party from any liability that it may have to any indemnified party except to the extent such indemnifying party has been materially prejudiced by such failure (through the forfeiture of substantive rights or defenses). In case any such action shall be brought against any indemnified party, and it shall notify the indemnifying party of the commencement thereof, the indemnifying party shall be entitled to participate in, and, to the extent that it shall wish, jointly with any other indemnifying party similarly notified, to assume the defense thereof, with counsel reasonably satisfactory to such indemnified party, and after notice from the indemnifying party to such indemnified party of the indemnifying party's election so to

assume the defense thereof, the indemnifying party shall not be liable to such indemnified party under such subsection for any legal or other expenses subsequently incurred by such indemnified party in connection with the defense thereof other than reasonable costs of investigation; provided, however, that if, in the sole judgment of the Representatives, it is advisable for the Underwriters to be represented as a group by separate counsel, the Representatives shall have the right to employ a single counsel (in addition to local counsel) to represent the Representatives and all Underwriters who may be subject to liability arising from any claim in respect of which indemnity may be sought by the Underwriters under subsection (a) of this Section 6, in which event the reasonable fees and expenses of such separate counsel shall be borne by the indemnifying party or parties and reimbursed to the Underwriters as incurred. An indemnifying party shall not be obligated under any settlement agreement relating to any action under this Section 6 to which it has not agreed in writing. In addition, no indemnifying party shall, without the prior written consent of the indemnified party (which consent shall not be unreasonably withheld or delayed) effect any settlement of any pending or threatened proceeding unless such settlement includes an unconditional release of such indemnified party for all liability on claims that are the subject matter of such proceeding and does not include a statement as to, or an admission of, fault, culpability or a failure to act by or on behalf of an indemnified party. Notwithstanding the foregoing, if at any time an indemnified party shall have requested an indemnifying party to reimburse the indemnified party for fees and expenses of counsel pursuant to this Section 6(c), such indemnifying party agrees that it shall be liable for any settlement effected without its written consent if (i) such settlement is entered into more than 60 days after receipt by such indemnifying party of the aforesaid request and (ii) such indemnifying party shall not have reimbursed such indemnified party in accordance with such request prior to the date of such settlement.

(d) Contribution; Limitations on Liability; Non-Exclusive Remedy. If the indemnification provided for in this Section 6 is unavailable or insufficient to hold harmless an indemnified party under subsection (a) or (b) above, then each indemnifying party shall contribute to the amount paid or payable by such indemnified party as a result of the losses, claims, damages or liabilities referred to in subsection (a) or (b) above, (i) in such proportion as is appropriate to reflect the relative benefits received by the Company on the one hand and the Underwriters on the other from the offering of the Securities or (ii) if the allocation provided by clause (i) above is not permitted by applicable law, in such proportion as is appropriate to reflect not only the relative benefits referred to in clause (i) above but also the relative fault of the Company on the one hand and the Underwriters on the other in connection with the statements or omissions that resulted in such losses, claims, damages or liabilities, as well as any other relevant equitable considerations. The relative benefits received by the Company on the one hand and the Underwriters on the other shall be deemed to be in the same proportion as the total net proceeds from the offering (net of the underwriting discounts and commissions but before deducting any other expenses) received by the Company bear to the total underwriting discounts and commissions received by the Underwriters, in each case as set forth in the table on the cover page of the Prospectus. The relative fault shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact or the omission or alleged omission to state a material fact relates to information supplied by the Company or the Underwriters and the parties' relevant intent, knowledge, access to information and opportunity to correct or prevent such untrue statement or omission. The Company and the Underwriters agree that it would not be just and equitable if contributions pursuant to this subsection (d) were to be determined by pro rata allocation (even if the Underwriters were treated as

one entity for such purpose) or by any other method of allocation which does not take account of the equitable considerations referred to in the first sentence of this subsection (d). The amount paid by an indemnified party as a result of the losses, claims, damages or liabilities referred to in the first sentence of this subsection (d) shall be deemed to include any legal or other expenses reasonably incurred by such indemnified party in connection with investigating or defending against any action or claim which is the subject of this subsection (d). Notwithstanding the provisions of this subsection (d), no Underwriter shall be required to contribute any amount in excess of the amount by which the total underwriting discounts and commissions received by such Underwriter with respect to the Securities exceeds the amount of any damages that such Underwriter has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission. No person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation. The Underwriters' obligations in this subsection (d) to contribute are several in proportion to their respective underwriting obligations and not joint. The remedies provided for in this Section 6 are not exclusive and shall not limit any rights or remedies that might otherwise be available to any indemnified party at law or in equity.

(e) Information Provided by the Underwriters . The Underwriters severally confirm and the Company acknowledges that the statements with respect to (i) the concession figure set forth in the first paragraph under the subheading “Discounts and Commissions,” and (ii) the public offering of the Securities by the Underwriters set forth in the second, third and fourth paragraphs under the subheading “Price Stabilization, Short Positions and Penalty Bids” under the caption “Underwriting” in the Time of Sale Disclosure Package and the Prospectus are correct and constitute the only information concerning such Underwriters furnished in writing to the Company by or on behalf of the Underwriters specifically for inclusion in the Registration Statement, any Preliminary Prospectus, the Time of Sale Disclosure Package, the Prospectus or any issuer free writing prospectus.

7. **Representations and Agreements to Survive Delivery** . All representations, warranties, and agreements of the Company herein or in certificates delivered pursuant hereto, and the agreements of the several Underwriters and the Company contained in Section 6 hereof, shall remain operative and in full force and effect regardless of any investigation made by or on behalf of any Underwriter or any controlling person thereof, or the Company or any of its officers, directors, or controlling persons, and shall survive delivery of, and payment for, the Securities to and by the Underwriters hereunder and any termination of this Agreement.

8. **Substitution of Underwriters** .

(a) Obligation to Purchase Under Certain Circumstances . If any Underwriter or Underwriters shall fail to take up and pay for the amount of Firm Shares agreed by such Underwriter or Underwriters to be purchased hereunder, upon tender of such Firm Shares in accordance with the terms hereof, and the amount of Firm Shares not purchased does not aggregate more than 10% of the total amount of Firm Shares set forth in Schedule I hereto, the remaining Underwriters shall be obligated to take up and pay for (in proportion to their respective underwriting obligations hereunder as set forth in Schedule I hereto except as may otherwise be determined by you) the Firm Shares that the withdrawing or defaulting Underwriters agreed but failed to purchase.

(b) Termination Under Certain Circumstances . If any Underwriter or Underwriters shall fail to take up and pay for the amount of Firm Shares agreed by such Underwriter or Underwriters to be purchased hereunder, upon tender of such Firm Shares in accordance with the terms hereof, and the amount of Firm Shares not purchased aggregates more than 10% of the total amount of Firm Shares set forth in Schedule I hereto, and arrangements satisfactory to you for the purchase of such Firm Shares by other persons are not made within 36 hours thereafter, this Agreement shall terminate. In the event of any such termination, neither the Company shall be under any liability to any Underwriter (except to the extent provided in Section 4(a)(vii) and Section 6 hereof) nor shall any Underwriter (other than an Underwriter who shall have failed, otherwise than for some reason permitted under this Agreement, to purchase the amount of Firm Shares agreed by such Underwriter to be purchased hereunder) be under any liability to the Company (except to the extent provided in Section 6 hereof).

(c) Postponement of Closing . If Firm Shares to which a default relates are to be purchased by the non-defaulting Underwriters or by any other party or parties, the Representatives or the Company shall have the right to postpone the First Closing Date for not more than seven business days in order that the necessary changes in the Registration Statement, the Time of Sale Disclosure Package, the Prospectus or in any other documents, as well as any other arrangements, may be effected. As used herein, the term “Underwriter” includes any person substituted for an Underwriter under this Section 8.

(d) No Relief from Liability . No action taken pursuant to this Section 8 shall relieve any defaulting Underwriter from liability, if any, in respect of such default.

9. **Termination** .

(a) Right to Terminate . You, as Representatives of the several Underwriters, shall have the right to terminate this Agreement by giving notice to the Company as hereinafter specified at any time at or prior to the First Closing Date, and the option referred to in Section 3(b), if exercised, may be cancelled at any time prior to the Second Closing Date, if (i) the Company shall have failed, refused or been unable, at or prior to such Closing Date, to perform any agreement on its part to be performed hereunder, (ii) any other condition of the Underwriters’ obligations hereunder is not fulfilled, (iii) trading in the Company’s Common Stock shall have been suspended by the Commission or the NASDAQ Stock Market or trading in securities on the NASDAQ Stock Market or the New York Stock Exchange shall have been wholly suspended, (iv) minimum or maximum prices for trading shall have been fixed, or maximum ranges for prices for securities shall have been required, on the NASDAQ Stock Market or the New York Stock Exchange, by such exchange or by order of the Commission or any other Governmental Authority, (v) a banking moratorium shall have been declared by federal or state authorities or a material disruption in commercial banking or securities settlement or clearance services in the United States, or (vi) there shall have occurred any attack on, outbreak or escalation of hostilities or act of terrorism involving the United States, any declaration by the United States of a national emergency or war, any change in financial markets, any substantial change or development involving a prospective substantial change in the United States or international political, financial or economic conditions, or any other calamity or crisis that, in your judgment, is material and adverse and makes it impractical or

inadvisable to proceed with the completion of the sale of and payment for the Securities. Any such termination shall be without liability of any party to any other party except that the provisions of Section 4(a)(vii) and Section 6 hereof shall at all times be effective and shall survive such termination.

(b) Notice of Termination . If you elect to terminate this Agreement as provided in this Section, the Company shall be notified promptly by you by telephone, confirmed by letter.

10. ***Default by the Company*** .

(a) Default by the Company . If the Company shall fail at the First Closing Date to sell and deliver the number of Securities which it is obligated to sell hereunder, then this Agreement shall terminate without any liability on the part of any Underwriter or, except as provided in Section 4(a)(vii) and Section 6 hereof, any non-defaulting party.

(b) No Relief from Liability . No action taken pursuant to this Section 10 shall relieve the Company from liability, if any, in respect of such default.

11. ***Reliance on Statements of Underwriters*** . In all dealings hereunder, you shall act on behalf of each of the Underwriters, and the parties hereto shall be entitled to act and rely upon any statement, request or notice of agreement on behalf of any Underwriter made or given by you jointly or by the Representatives on behalf of you as the representatives.

12. ***Notices*** . Except as otherwise provided herein, all communications hereunder shall be in writing and, if to the Underwriters, shall be sent via facsimile or be mailed via overnight delivery service or hand delivered via courier to the Representatives c/o Piper Jaffray & Co., U.S. Bancorp Center, 800 Nicollet Mall, Minneapolis, Minnesota 55402, to the attention of Equity Capital Markets and separately, General Counsel, and c/o Stifel, Nicolaus & Company, Incorporated, One Montgomery Street, Suite 3700, San Francisco, California 94104, to the attention of General Counsel; and if to the Company, shall be mailed or delivered to it at 420 South Fairview Avenue, Suite 200, Santa Barbara, CA 93117, Attention: Joel Smith, Esq. Any party to this Agreement may change such address for notices by sending to the parties to this Agreement written notice of a new address for such purpose.

13. ***Persons Entitled to Benefit of Agreement*** . This Agreement shall inure to the benefit of and be binding upon the parties hereto and their respective successors and assigns and the controlling persons, officers and directors referred to in Section 6. Nothing in this Agreement is intended or shall be construed to give to any other person, firm or corporation any legal or equitable remedy or claim under or in respect of this Agreement or any provision herein contained. The term “successors and assigns” as herein used shall not include any purchaser, as such purchaser, of any of the Securities from any of the several Underwriters.

14. ***Absence of Fiduciary Relationship*** . The Company acknowledges and agrees that: (a) the Representatives have been retained solely to act as an underwriter in connection with the sale of the Securities and that no fiduciary, advisory or agency relationship between the Company and the Representatives have been created in respect of any of the transactions

contemplated by this Agreement, irrespective of whether the Representatives have advised or are advising the Company on other matters; (b) the price and other terms of the Securities set forth in this Agreement were established by the Company following discussions and arms-length negotiations with the Representatives and the Company is capable of evaluating and understanding and understands and accepts the terms, risks and conditions of the transactions contemplated by this Agreement; (c) it has been advised that the Representatives and their affiliates are engaged in a broad range of transactions which may involve interests that differ from those of the Company and that the Representatives have no obligation to disclose such interest and transactions to the Company by virtue of any fiduciary, advisory or agency relationship; (d) it has been advised that the Representatives are acting, in respect of the transactions contemplated by this Agreement, solely for the benefit of the Representatives and the other Underwriters, and not on behalf of the Company; (e) it waives to the fullest extent permitted by law, any claims it may have against the Representatives for breach of fiduciary duty or alleged breach of fiduciary duty in respect of any of the transactions contemplated by this Agreement and agrees that the Representatives shall have no liability (whether direct or indirect) to the Company in respect of such a fiduciary duty claim on behalf of or in right of the Company, including stockholders, employees or creditors of the Company.

15. **Governing Law; Waiver of Jury Trial** . This Agreement shall be governed by and construed in accordance with the laws of the State of New York. The Company (on its behalf and, to the extent permitted by applicable law, on behalf of its stockholders and affiliates) and each of the Underwriters hereby irrevocably waives, to the fullest extent permitted by applicable law, any and all right to trial by jury in any legal proceeding arising out of or relating to this Agreement or the transactions contemplated hereby.

16. **Counterparts** . This Agreement may be executed in one or more counterparts and, if executed in more than one counterpart, the executed counterparts shall each be deemed to be an original and all such counterparts shall together constitute one and the same instrument.

17. **General Provisions**. This Agreement constitutes the entire agreement of the parties to this Agreement and supersedes all prior written or oral and all contemporaneous oral agreements, understandings and negotiations with respect to the subject matter hereof. This Agreement may not be amended or modified unless in writing by all of the parties hereto, and no condition herein (express or implied) may be waived unless waived in writing by each party whom the condition is meant to benefit. The Section headings herein are for the convenience of the parties only and shall not affect the construction or interpretation of this Agreement. The invalidity or unenforceability of any Section, paragraph or provision of this Agreement shall not affect the validity or enforceability of any other Section, paragraph or provision hereof. If any Section, paragraph or provision of this Agreement is for any reason determined to be invalid or unenforceable, there shall be deemed to be made such minor changes (and only such minor changes) as are necessary to make it valid and enforceable.

[Signature Page Follows]

Please sign and return to the Company the enclosed duplicates of this Agreement whereupon this Agreement will become a binding agreement between the Company and the several Underwriters in accordance with its terms.

Very truly yours,

Sientra, Inc.

By _____
Name:
Title:

[Signature Page to Purchase Agreement]

Confirmed as of the date first
above mentioned, on behalf of
themselves and the other several
Underwriters named in Schedule I
hereto.

PIPER JAFFRAY & CO.

By _____
Name:
Title:

STIFEL, NICOLAUS & COMPANY, INCORPORATED

By _____
Name:
Title:

[Signature Page to Purchase Agreement]

SCHEDULE I

<u>Underwriter</u>	<u>Number of Firm Shares (1)</u>
Piper Jaffray & Co.	[•]
Stifel, Nicolaus & Company, Incorporated	[•]
Leerink Partners LLC	[•]
William Blair & Company, L.L.C.	[•]
Total	_____ [•] _____

-
- (1) The Underwriters may purchase up to an additional [•] Option Shares, to the extent the option described in Section 3(b) of the Agreement is exercised, in the proportions and in the manner described in the Agreement.
-

SCHEDULE II

List of Individuals and Entities Executing Lock-Up Agreements

- Officers
 - Non-Employee Directors (and affiliated stockholders)
-

SCHEDULE III

Certain Permitted Free Writing Prospectuses

SCHEDULE IV

Pricing Information

Price to the Public: \$[•] per share

Number of Firm Shares: [•]

Number of Option Shares: [•]

Underwriting Discounts and Commissions: \$[•] per share

SCHEDULE V

Written Testing-the-Waters Communications

EXHIBIT A

Form of Lock-Up Agreement

[•], 2015

Piper Jaffray & Co.
Stifel, Nicolaus & Company, Incorporated
As representatives of the underwriters named
in Schedule I to the Purchase Agreement
referred to below

c/o Piper Jaffray & Co.
U.S. Bancorp Center
800 Nicollet Mall
Minneapolis, MN 55402

c/o Stifel, Nicolaus & Company, Incorporated
One Montgomery Street, Suite 3700
San Francisco, CA 94104

Ladies and Gentlemen:

As an inducement to the underwriters (the “*Underwriters*”) to execute a purchase agreement (the “*Purchase Agreement*”) providing for a public offering (the “*Offering*”) of common stock (the “*Common Stock*”), of Sientra, Inc., a Delaware corporation, and any successor (by merger or otherwise) thereto (the “*Company*”), the undersigned hereby agrees that without, in each case, the prior written consent of Piper Jaffray & Co. (“*Piper Jaffray*”) and Stifel, Nicolaus & Company, Incorporated (together with Piper Jaffray, the “*Representatives*”) during the period specified in the second succeeding paragraph (the “*Lock-Up Period*”), the undersigned will not: (1) offer, pledge, announce the intention to sell, sell, contract to sell, sell any option or contract to purchase, purchase any option or contract to sell, grant any option, right or warrant to purchase, make any short sale or otherwise transfer or dispose of, directly or indirectly, any shares of Common Stock or any securities convertible into, exercisable or exchangeable for or that represent the right to receive Common Stock (including without limitation, Common Stock which may be deemed to be beneficially owned by the undersigned in accordance with the rules and regulations of the Securities and Exchange Commission and securities which may be issued upon exercise of a stock option or warrant) whether now owned or hereafter acquired (the “*Undersigned’s Securities*”); (2) enter into any swap or other agreement that transfers, in whole or in part, any of the economic consequences of ownership of the Undersigned’s Securities, whether any such transaction described in clause (1) or (2) above is to be settled by delivery of Common Stock or such other securities, in cash or otherwise; (3) make any demand for or exercise any right with respect to, the registration of any Common

Stock or any security convertible into or exercisable or exchangeable for Common Stock; or (4) publicly disclose the intention to do any of the foregoing.

The undersigned agrees that the foregoing restrictions preclude the undersigned from engaging in any hedging or other transaction which is designed to or which reasonably could be expected to lead to or result in a sale or disposition of the Undersigned's Securities even if such Undersigned's Securities would be disposed of by someone other than the undersigned. Such prohibited hedging or other transactions would include without limitation any short sale or any purchase, sale or grant of any right (including without limitation any put or call option) with respect to any of the Undersigned's Securities or with respect to any security that includes, relates to, or derives any significant part of its value from the Undersigned's Securities.

The Lock-Up Period will commence on the date of this Lock-Up Agreement (this "**Agreement**") and continue and include the date 90 days after the date of the final prospectus used to sell Common Stock in the Offering pursuant to the Purchase Agreement (the "**Prospectus**").

Notwithstanding the foregoing, the undersigned may transfer the Undersigned's Securities (i) as a *bona fide* gift or gifts, (ii) to an immediate family member or any trust, corporation, partnership, limited liability company or other business entity for the direct or indirect benefit of the undersigned or the immediate family of the undersigned, (iii) if the undersigned is a corporation, partnership, limited liability company, trust or other business entity (1) transfers to another corporation, partnership, limited liability company, trust or other business entity that is a direct or indirect affiliate (as defined in Rule 405 promulgated under the Securities Act of 1933, as amended) of the undersigned or (2) distributions of shares of Common Stock or any security convertible into or exercisable for Common Stock to limited partners, limited liability company members or stockholders of the undersigned, or to any investment fund or other entity that controls or manages the undersigned (including, for the avoidance of doubt, a fund managed by the same manager or managing member or general partner or management company or by an entity controlling, controlled by, or under common control with such manager or managing member or general partner or management company as the undersigned or who shares a common investment advisor with the undersigned), (iv) if the undersigned is a trust, transfers to the beneficiary of such trust, (v) transfers by testate succession or intestate succession, (vi) to a nominee or custodian or a person or entity to whom a disposition or transfer would be permissible under clauses (i) through (v) above, (vii) from an employee to the Company upon death, disability or termination of employment of such employee, (viii) in connection with transactions by any person (other than the Company) relating to shares of Common Stock acquired in open market transactions after the completion of the Offering, (ix) pursuant to the Purchase Agreement, (x) pursuant to an order of a court or regulatory agency, or (xi) with the prior written consent of the Representatives; *provided*, in the case of clauses (i)-(viii) that (x) such transfer shall not involve a disposition for value, (y) the transferee, trustee, donee or distributee agrees in writing with the Underwriters to be bound by the terms of this Agreement, and (z) in the case of clauses (i)-(viii), no filing by any party under Section 16(a) of the Securities Exchange Act of 1934, as amended (the "**Exchange Act**"), shall be required or shall be made voluntarily in connection with such transfer. For purposes of this Agreement, "immediate family" shall mean any relationship by blood, current or former marriage or adoption, not more remote than first cousin.

In addition, the foregoing restrictions shall not apply to (i) the exercise of stock options granted pursuant to the Company's equity incentive plans, the conversion or exercise of warrants into Common Stock or into any other security convertible into or exercisable for Common Stock that are outstanding as of the date of the Prospectus and described therein; *provided* that such restrictions shall apply to any of the Undersigned's Securities issued upon such conversion or exercise except as provided herein; (ii) forfeitures to satisfy tax withholding obligations in connection with the conversion or exercise of such options or warrants, (iii) transfers pursuant to a "change of control" of the Company (including, without limitation, the entering into any lock-up, voting or similar agreement pursuant to which the undersigned may agree to transfer, sell, tender or otherwise dispose of common stock or other such securities in connection with such transaction, or vote any common stock or other such securities in favor of any such transaction); *provided* that in the event that such tender offer, merger, consolidation or other such transaction is not completed, such securities held by the undersigned shall remain subject to the provisions of this Agreement (for purposes of this letter agreement, "change of control" shall mean the consummation of any bona fide third party tender offer, merger, consolidation or other similar transaction the result of which is that any "person" (as defined in Section 13(d)(3) of the Exchange Act), or group of persons, other than the Company, becomes the beneficial owner (as defined in Rules 13d-3 and 13d-5 of the Exchange Act) of a majority of total voting power of the voting stock of the Company), or (iv) the establishment of any contract, instruction or plan (a "**Plan**") that satisfies all of the requirements of Rule 10b5-1(c)(1)(i)(B) under the Exchange Act; *provided* that no sales of the Undersigned's Securities shall be made pursuant to such a Plan prior to the expiration of the Lock-Up Period, and such a Plan may only be established if no public announcement of the establishment or existence thereof and no filing with the Securities and Exchange Commission or other regulatory authority in respect thereof or transactions thereunder or contemplated thereby, by the undersigned, the Company or any other person, shall be required, and no such announcement or filing is made voluntarily, by the undersigned, the Company or any other person, prior to the expiration of the Lock-Up Period.

In furtherance of the foregoing, the Company and its transfer agent and registrar are hereby authorized to decline to make any transfer of shares of Common Stock if such transfer would constitute a violation or breach of this Agreement.

The undersigned hereby represents and warrants that the undersigned has full power and authority to enter into this Agreement and that upon request, the undersigned will execute any additional documents reasonably necessary to ensure the validity or enforcement of this Agreement. All authority herein conferred or agreed to be conferred and any obligations of the undersigned shall be binding upon the successors, assigns, heirs or legal representatives of the undersigned.

The undersigned understands that the undersigned shall be released from all obligations under this Agreement, and this Agreement shall be of no further force and effect, if (i) the Company notifies the Underwriters that it does not intend to proceed with the Offering, (ii) the Representatives notify the Company that the Underwriters do not intend to proceed with the Offering, (iii) the Registration Statement on Form S-1 is withdrawn, (iv) the Purchase Agreement does not become effective, or if the Purchase Agreement (other than the provisions thereof which survive termination) shall terminate or be terminated prior to payment for and

delivery of the Common Stock to be sold thereunder, or (v) the Offering is not completed by October 31, 2015.

The undersigned understands that the Underwriters are entering into the Purchase Agreement and proceeding with the Offering in reliance upon this Agreement.

This Agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

Very truly yours,

IF AN INDIVIDUAL:

IF AN ENTITY:

By: _____
(duly authorized signature)

(please print complete name of entity)

Name: _____
(please print full name)

By: _____
(duly authorized signature)

Name: _____
(please print full name)

Date: _____

Date: _____

Address:

Address:

E-mail: _____

E-mail: _____



C. Thomas Hopkins
T: +1 310 883 6417
thopkins@cooley.com

September 14, 2015

Sientra, Inc.
420 South Fairview Avenue
Suite 200
Santa Barbara, CA 93117

Ladies and Gentlemen:

We represent Sientra, Inc., a Delaware corporation (the "**Company**"), in connection with the filing by the Company of a Registration Statement (No. 333-206755) on Form S-1 (the "**Registration Statement**") with the Securities and Exchange Commission, including a related prospectus filed with the Registration Statement (the "**Prospectus**"), covering an underwritten public offering of up to 4,025,000 shares (the "**Company Shares**") of the Company's common stock, par value \$0.01 (the "**Company Stock**"), to be sold by the Company, including up to 525,000 shares of Company Stock that may be sold pursuant to the exercise of an option to purchase additional shares of Company Stock granted to the underwriters.

In connection with this opinion, we have examined and relied upon (a) the Registration Statement and the Prospectus, (b) the Company's Amended and Restated Certificate of Incorporation and Amended and Restated Bylaws, as currently in effect, and (c) the originals or copies certified to our satisfaction of such records, documents, certificates, memoranda and other instruments as in our judgment are necessary or appropriate to enable us to render the opinion expressed below. We have assumed the genuineness and authenticity of all documents submitted to us as originals, and the conformity to originals of all documents submitted to us as copies. As to certain factual matters, we have relied upon a certificate of an officer of the Company and have not sought to independently verify such matters. Our opinion is expressed only with respect to the General Corporation Law of the State of Delaware.

On the basis of the foregoing, and in reliance thereon, we are of the opinion that the Company Shares, when sold and issued against payment therefor as described in the Registration Statement and the Prospectus, will be validly issued, fully paid and non-assessable.



Sientra, Inc.
September 14, 2015
Page Two

We consent to the reference to our firm under the caption "Legal Matters" in the Prospectus included in the Registration Statement and to the filing of this opinion as an exhibit to the Registration Statement.

Sincerely,

Cooley LLP

By:

A handwritten signature in blue ink, appearing to read "C. Thomas Hopkins", written over a horizontal line.

C. Thomas Hopkins

Consent of Independent Registered Public Accounting Firm

The Board of Directors
Sientra, Inc.:

We consent to the use of our report dated March 18, 2015, with respect to the balance sheets of Sientra, Inc. as of December 31, 2014 and 2013, and the related statements of operations, convertible preferred stock and stockholders' equity (deficit), and cash flows for each of the years in the three-year period ended December 31, 2014, and the related financial statement schedule, incorporated herein by reference and to the reference to our firm under the heading "Experts" in the prospectus.

/s/ KPMG LLP

Woodland Hills, California
September 14, 2015
