

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

SCHEDULE 14A INFORMATION

**Proxy Statement Pursuant to Section 14(a) of the
Securities Exchange Act of 1934
(Amendment No.)**

Filed by the Registrant

Filed by a Party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material Pursuant to Section 240.14a-12

Elox Pharmaceuticals, Inc.

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement if Other Than the Registrant)

Payment of Filing Fee (Check the appropriate box):

- No fee required.
- Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

(1) Title of each class of securities to which transaction applies:

(2) Aggregate number of securities to which transaction applies:

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

(4) Proposed maximum aggregate value of transaction:

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- Fee paid previously with preliminary materials.
- Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

(3) Filing Party:

(4) Date Filed:



950 Winter Street
Waltham, MA 02451

April 5, 2019

Dear Stockholders:

On behalf of the Board of Directors, you are cordially invited to attend the 2019 Annual Meeting of Stockholders of Eloxx Pharmaceuticals, Inc. (the "Company"). The Annual Meeting will be held on Wednesday, May 29, 2019, at 1:00 p.m. Eastern Time at the offices of the Company, Center Entrance Learning Center, 950 Winter Street, 1st Floor, Waltham, Massachusetts 02451. The formal Notice of Annual Meeting is set forth in the enclosed material.

The matters expected to be acted upon at the Annual Meeting are described in the attached proxy statement. During the Annual Meeting, stockholders will have the opportunity to ask questions and comment on our business operations.

We are pleased to once again offer our proxy materials over the Internet. We are mailing to our stockholders a Notice of Internet Availability of Proxy Materials instead of a paper copy of the Notice of Annual Meeting, proxy statement and proxy card. The Notice of Internet Availability contains instructions on how to access those documents over the Internet and how each of our stockholders can receive a paper copy of our proxy materials, if desired. By furnishing proxy materials over the Internet, we are lowering the costs and reducing the environmental impact of the Annual Meeting.

It is important that your views be represented. If you request a paper proxy card, please mark, sign and date the proxy card when received and return it promptly in the self-addressed, stamped envelope we will provide. No postage is required if this envelope is mailed in the United States. You also have the option of voting your proxy via the Internet at www.proxyvote.com or by calling toll free via a touch-tone phone at 1-800-690-6903. Proxies submitted by telephone or over the Internet must be received by 11:59 p.m. Eastern Time on May 28, 2019. Although we encourage you to complete and return a proxy prior to the Annual Meeting to ensure that your vote is counted, you can attend the Annual Meeting and cast your vote in person. If you vote by proxy and also attend the Annual Meeting, there is no need to vote again at the Annual Meeting unless you wish to change your vote.

We appreciate your investment in the Company and urge you to cast your vote as soon as possible.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert E. Ward".

Robert E. Ward
*Chairman of the Board of Directors
and Chief Executive Officer*



950 Winter Street
Waltham, MA 02451

NOTICE OF 2019 ANNUAL MEETING OF STOCKHOLDERS

YOUR VOTE IS IMPORTANT!

DATE AND TIME: Wednesday, May 29, 2019 at
1:00 p.m. Eastern Time

LOCATION: Company Headquarters
Center Entrance Learning Center
950 Winter Street, 1st Floor
Waltham, MA 02451

- PURPOSES:**
1. to elect nine directors;
 2. to ratify the appointment of Deloitte & Touche LLP as our independent registered public accounting firm for the fiscal year ending December 31, 2019;
 3. to hold an advisory vote on the compensation of our 2018 named executive officers;
 4. to hold an advisory vote on the frequency of the advisory vote on the compensation of our named executive officers; and
 5. to transact such other business as may properly come before the Annual Meeting and at any adjournment or postponement thereof.

RECORD DATE: April 1, 2019

HOW TO VOTE:

Please vote via one of the methods below as soon as possible to ensure that your vote is counted



BY INTERNET

Visit www.proxyvote.com
until May 28, 2019



BY PHONE

Please call
1-800-690-6903 by May 28, 2019



BY MAIL

Sign, date and return your proxy card in the stamped envelope provided



IN PERSON

You can vote in person at the meeting



BY SMART DEVICE

Scan the barcode to the left with any smart device and follow the instructions

April 5, 2019

By order of the Board of Directors,

Neil S. Belloff
*Executive Vice President, General Counsel and
Corporate Secretary*

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ELOXX PHARMACEUTICALS, INC.
950 Winter Street
Waltham, Massachusetts 02451

PROXY STATEMENT
FOR THE 2019 ANNUAL MEETING OF STOCKHOLDERS

To Be Held on May 29, 2019

General Information

This Proxy Statement is furnished in connection with the solicitation by the Board of Directors of Eloxx Pharmaceuticals, Inc., a Delaware corporation (the “Company,” “Eloxx,” “we,” “our” or “us”), of proxies to be voted at our 2019 Annual Meeting of Stockholders (the “Annual Meeting” or the “Meeting”) and at any adjournment or postponement of the Meeting. The Annual Meeting will take place on May 29, 2019, beginning at 1:00 p.m., Eastern Time, at our offices, Center Entrance Learning Center, 950 Winter Street, 1st Floor, Waltham, Massachusetts 02451. For directions, please contact the Company at (781) 577-5300.

We mailed the Notice of Internet Availability of Proxy Materials, or the Notice, on or about April 5, 2019 to all stockholders of record entitled to vote at the Annual Meeting and made available the Proxy Statement and form of proxy to stockholders on such date. The matters to be voted on at the Annual Meeting are set forth in the Notice and further described below. When we refer to our fiscal year, we mean the 12-month period ended December 31 of the stated year. Web links and addresses contained in this Proxy Statement are provided for convenience only, and the content on the referenced website does not constitute a part of this Proxy Statement.

QUESTIONS AND ANSWERS ABOUT THE ANNUAL MEETING AND VOTING

1. Why did I receive a notice regarding the availability of proxy materials on the Internet?

We are providing access to our proxy materials over the Internet. Accordingly, we have sent you the Notice because the Board of Directors, or the Board, of the Company is soliciting your proxy to vote at the Annual Meeting, including any adjournments or postponements of the Annual Meeting. All stockholders will have the ability to access the proxy materials on the website referred to in the Notice or request to receive a printed set of the proxy materials. The proxy materials include the proxy statement, form of proxy, and our Annual Report on Form 10-K for the fiscal year ended December 31, 2018.

You are invited to attend the Annual Meeting to vote on the proposals described in this Proxy Statement. However, you do not need to attend the Annual Meeting to vote your shares. Instead, you may simply complete, sign and return the proxy card that may be mailed or made available to you or follow the instructions below to submit your proxy over the telephone or through the Internet.

2. I want to attend the Annual Meeting. What procedures must I follow?

Admission to the Annual Meeting is limited to stockholders of record as of the close of business on April 1, 2019 and one immediate family member; one individual designated as a stockholder’s authorized proxy holder; or one representative designated in writing to present a stockholder proposal properly brought before the Annual Meeting. In each case, the individual must have proof of ownership of Eloxx common stock, as well as a valid government-issued photo identification, to be admitted to the Annual Meeting.

Proof of Ownership

If your shares are held in the name of a broker, bank or other holder of record and you plan to attend the Annual Meeting, you must present proof of your ownership of Eloxx common stock, such as a bank or brokerage account statement, to be admitted to the Annual Meeting.

A stockholder may appoint a representative to attend the Annual Meeting and/or vote on his/her behalf. Valid proof of appointment of a representative, such as a power of attorney or notarized letter, must be presented along with proof of ownership of Eloxx common stock from the holder, in order for your representative to be admitted to the Annual Meeting. If you have questions, contact the Company at (781) 577-5300.

3. Who can vote at the Annual Meeting?

Only stockholders of record at the close of business on April 1, 2019 will be entitled to vote at the Annual Meeting. On the record date, there were 35,945,608 shares of common stock outstanding and entitled to vote.

Stockholder of Record: Shares Registered in Your Name

If on April 1, 2019, your shares were registered directly in your name with our transfer agent, American Stock Transfer & Trust Company, LLC, then you are a stockholder of record. As a stockholder of record, you may vote in person at the Annual Meeting or vote by proxy. Whether or not you plan to attend the Annual Meeting, we urge you to fill out and return the proxy card that may be mailed or made available to you or vote by proxy over the telephone or on the Internet as instructed below to ensure your vote is counted.

Beneficial Owner: Shares Registered in the Name of a Broker, Bank or Agent

If on April 1, 2019, your shares were held, not in your name, but rather in an account at a brokerage firm, bank or other similar organization, then you are the beneficial owner of shares held in “street name” and these proxy materials are being made available to you by that organization. The organization holding your account is considered to be the stockholder of record for purposes of voting at the Annual Meeting. As a beneficial owner, you have the right to direct your broker, bank or other agent regarding how to vote the shares in your account. You are also invited to attend the Annual Meeting. However, since you are not the stockholder of record, you may not vote your shares in person at the Annual Meeting unless you request and obtain a valid proxy from your broker, bank or other agent.

4. What am I being asked to vote on?

There are four matters scheduled for a vote:

- Election of nine (9) directors (the “Nominees”, individually a “Nominee”) to hold office until the 2020 Annual Meeting of Stockholders (“Proposal 1”);
- Ratification of the selection of Deloitte & Touche LLP as our independent registered public accounting firm for the fiscal year ending December 31, 2019 (“Proposal 2”);
- Advisory approval of the compensation of our named executive officers, as disclosed in this Proxy Statement (“Proposal 3”); and
- Advisory indication of the preferred frequency of advisory votes on the compensation of our named executive officers (“Proposal 4”).

5. What if another matter is properly brought before the Annual Meeting?

The Board knows of no other matters that will be presented for consideration at the Annual Meeting. If any other matters are properly brought before the Annual Meeting, it is the intention of the persons named in the accompanying proxy to vote on those matters in accordance with their best judgment.

6. How do I vote?

You may vote using any of the following methods:

By Mail

If you have requested a paper set of the proxy materials, complete, sign and date the accompanying proxy or voting instruction card and return it in the prepaid envelope. If you are a stockholder of record and return a signed proxy card but do not indicate your voting preferences, the persons named in the proxy card will vote the shares represented by your proxy card as recommended by the Board of Directors.

By Telephone or on the Internet

Eloxx has established telephone and Internet voting procedures for stockholders of record. These procedures are designed to authenticate your identity, to allow you to give your voting instructions and to confirm that those instructions have been properly recorded. Telephone and Internet voting facilities for stockholders of record will be available 24 hours a day until 11:59 p.m., Eastern Time, on May 28, 2019.

The availability of telephone and Internet voting for beneficial owners will depend on the voting processes of your broker, bank or other holder of record. We therefore recommend that you follow their voting instructions.

If you vote by telephone or on the Internet, you do not have to return your proxy or voting instruction card.

Telephone. You can vote by calling the toll-free telephone number on the Notice. Easy-to-follow voice prompts will allow you to vote your shares and confirm that your instructions have been properly recorded.

Internet. The website for Internet voting is www.proxyvote.com. As with telephone voting, you can confirm that your voting instructions have been properly recorded. If you vote on the Internet, you also can request electronic delivery of future proxy materials. You can also scan the QR Barcode below (or on your proxy card) with your smart device to access the website for Internet voting.



In Person at the Annual Meeting

Stockholders who attend the Annual Meeting may vote in person at the Meeting. You may also be represented by another person at the Meeting by executing a proper proxy designating that person. If you are a beneficial owner of shares, you must obtain a legal proxy from your broker, bank or other holder of record and present it to the inspector of election with your ballot to be able to vote at the Annual Meeting.

Your vote is important.

Please complete your proxy card or vote by telephone or Internet promptly to ensure that your vote is received timely.

7. Can I change my vote after submitting my proxy?

Stockholder of Record: Shares Registered in Your Name

Yes. You can revoke your proxy at any time before the final vote at the Annual Meeting. If you are the record holder of your shares, you may revoke your proxy in any one of the following ways:

- You may submit by mail another properly completed proxy card with a later date (which automatically revokes the earlier proxy).
- You may submit a subsequent proxy by telephone or through the Internet as described above.
- You may send a timely written notice that you are revoking your earlier-dated proxy to our Corporate Secretary c/o Eloxx Pharmaceuticals, Inc. at 950 Winter Street, Waltham, Massachusetts 02451.
- You may attend the Annual Meeting and vote in person as provided above. Simply attending the Annual Meeting will not, by itself, revoke your proxy.

Your most current proxy card or telephone or Internet proxy submission is the one that will be counted.

Beneficial Owner: Shares Registered in the Name of Broker, Bank or Other Agent

If your shares are held by your broker, bank or other agent, you should follow the instructions provided by your broker, bank or other agent.

8. Why did I receive a “Notice of Internet Availability of Proxy Materials” but no proxy materials?

We distribute our proxy materials to stockholders via the Internet under the “Notice and Access” approach permitted by rules of the Securities and Exchange Commission (SEC). This approach conserves natural resources and reduces our cost of printing and distributing the proxy materials, while providing a convenient method of accessing the materials and voting. On or about April 5, 2019, we mailed a “Notice of Internet Availability of Proxy Materials” to our stockholders containing instructions on how to access the proxy materials on the Internet.

You may also request paper or e-mail delivery of the proxy materials on or before the deadline provided in the Notice by calling 1-800-579-1639, but note that it will take us at least three business days to mail or e-mail the proxy materials. You will also have the option to establish delivery preferences that will be applicable for all future mailings of proxy materials. We encourage stockholders to take advantage of the availability of the proxy materials on the Internet to help reduce the environmental impact and costs of our annual meetings. If you choose to receive future proxy materials by e-mail, you will receive an e-mail message next year with instructions containing a link to those materials and a link to the proxy voting website. Your election to receive proxy materials by e-mail will remain in effect until you terminate it.

9. Can I access the proxy materials and the fiscal 2018 Annual Report on the Internet?

The Notice of Annual Meeting and Proxy Statement and the fiscal 2018 Annual Report are available on our website at www.eloxxpharma.com. Instead of receiving future proxy statements and accompanying materials by mail, most stockholders can elect to receive an e-mail that will provide electronic links to them. Opting to access your proxy materials online will conserve natural resources, will save us the cost of reproducing documents and mailing them to you, and will give you an electronic link directly to the proxy voting site.

Stockholders of Record: If you vote on the Internet at www.proxyvote.com, simply follow the prompts to enroll in the electronic proxy delivery service.

Beneficial Owners: You also may be able to receive copies of these documents electronically. Please check the information provided in the proxy materials sent to you by your broker, bank or other agent regarding the availability of this service.

10. What is a broker non-vote?

If you are a beneficial owner whose shares are held in “street name” — that is shares held of record by a broker — you must instruct the broker how to vote your shares. If you do not provide voting instructions, your shares will not be voted on any proposal on which the broker does not have discretionary authority to vote, which are generally considered “non-routine” matters under applicable stock exchange rules. This is called a “broker non-vote.” In these cases, the broker can register your shares as being present at the Annual Meeting for purposes of determining the presence of a quorum but will not be able to vote on those matters for which the beneficial owner’s authorization is required under the applicable stock exchange rules.

If you are a beneficial owner whose shares are held of record by a broker, your broker has discretionary voting authority under applicable stock exchange rules to vote your shares on the ratification of Deloitte & Touche LLP, as our independent registered public accounting firm for the fiscal year ending December 31, 2019, even if the broker does not receive voting instructions from you. However, without specific instructions from you, your broker does not have discretionary authority to vote on the election of directors, the advisory vote on 2018 executive compensation or the preferred frequency of advisory votes on executive compensation, in which case a broker non-vote will occur and your shares will not be voted on these matters.

11. What is the quorum requirement for the Annual Meeting?

The presence of the holders of common stock representing a majority of the total votes entitled to be cast by the holders of all shares of common stock issued and outstanding, in person or represented by proxy, is necessary to constitute a quorum. Abstentions and broker non-votes are counted as present and entitled to vote for purposes of determining a quorum. On April 1, 2019, the record date, there were 35,945,608 shares outstanding and entitled to be cast. Thus, the holders of 17,972,805 shares must be present in person or represented by proxy at the Annual Meeting to constitute a quorum, which is necessary to transact business at the Annual Meeting.

Your shares will be counted towards the quorum only if you submit a valid proxy (or one is submitted on your behalf by your broker, bank or other nominee) or if you vote in person at the Annual Meeting. If there is no quorum, the holders of a majority of shares present at the meeting in person or represented by proxy may adjourn the meeting to another date.

12. What are the voting requirements to elect the directors and to approve each of the proposals discussed in this Proxy Statement?

| Proposal | Vote Required | Broker Discretionary Voting Allowed |
|--|------------------------|-------------------------------------|
| Election of Directors | Majority of Votes Cast | No |
| Ratification of Deloitte & Touche LLP | Majority of Votes Cast | Yes |
| Advisory Approval of Executive Compensation | Majority of Votes Cast | No |
| Advisory Vote on Frequency of Advisory Approval of Executive Compensation | Majority of Votes Cast | No |

If you abstain from voting or there is a broker non-vote on a matter requiring a majority of the votes cast, your abstention or the broker non-vote will not affect the outcome of such vote, because abstentions and broker non-votes are not considered to be votes cast.

Election of Directors

Directors must be elected by a majority of the votes cast in uncontested elections, such as the election of directors at the Annual Meeting. This means that the number of votes cast “for” a director nominee must exceed the number of votes cast “against” that nominee. Abstentions and broker non-votes are not counted as votes “for” or “against” a director nominee. In a contested election, the required vote would be a plurality of votes cast.

Ratification of Deloitte & Touche LLP

The votes cast “for” must exceed the votes cast “against” to approve the ratification of Deloitte & Touche LLP as our independent registered public accounting firm. Abstentions are not counted as votes “for” or “against” this proposal.

Advisory Vote on our 2018 Named Executive Officer Compensation

The votes cast “for” must exceed the votes cast “against” to approve, on an advisory basis, the compensation of our named executive officers. Abstentions and broker non-votes are not counted as votes “for” or “against” this proposal.

Advisory Vote on Frequency of Advisory Approval of Executive Compensation

You are being asked to select one year, two years or three years based on your preference as to the frequency with which an advisory vote on executive compensation should be held. To the extent that no alternative receives a majority of the votes cast, the Board will consider the alternative receiving the greatest number of “for” votes to be the resulting recommendation, on an advisory basis, of our stockholders. Abstentions and broker non-votes are not counted as votes for any particular frequency choice.

13. How will my shares be voted at the Annual Meeting?

At the Meeting, the Board of Directors (through the persons named in the proxy card or, if applicable, their substitutes) will vote your shares as you instruct. If you sign a proxy card and return it without indicating how you would like to vote your shares, your shares will be voted as the Board of Directors recommends, which is:

- **FOR** the election of each of the director nominees named in this Proxy Statement;
- **FOR** the ratification of the appointment of Deloitte & Touche LLP as our independent registered public accounting firm for fiscal 2019;
- **FOR** the approval, on an advisory basis, of the 2018 compensation of our named executive officers; and
- **FOR** a frequency period of every year for future advisory stockholder votes on named executive officer compensation.

14. Could other matters be decided at the Annual Meeting?

As of the date of this Proxy Statement, we did not know of any matters to be raised at the Annual Meeting other than those referred to in this Proxy Statement.

If you return a signed and completed proxy card or vote by telephone or on the Internet and other matters are properly presented at the Annual Meeting for consideration, the individuals named as proxies on the proxy card will have the discretion to vote for you on those matters.

15. How can I find out the results of the voting at the Annual Meeting?

Preliminary voting results will be announced at the Annual Meeting. In addition, final voting results will be published in a Current Report on Form 8-K that we expect to file within four business days after the Annual Meeting. If final voting results are not available to us in time to file a Form 8-K within four business days after the Annual Meeting, we intend to file a Form 8-K to publish preliminary results and, within four business days after the final results are known to us, file an additional Form 8-K to publish the final results.

16. Who will pay for the cost of the Annual Meeting and this proxy solicitation?

The Company will pay the costs associated with the Annual Meeting and solicitation of proxies, including the costs of mailing the proxy materials if a written copy of such materials is requested. Our directors, officers and regular employees (who will not be specifically compensated for such services) may solicit proxies by telephone or otherwise. Arrangements will be made with brokerage houses and other custodians, nominees and fiduciaries to forward proxies and proxy materials to their principals, and we will reimburse them for their expenses. We have retained Broadridge Financial Solutions to assist in the mailing, collection and administration of proxies.

PROPOSAL 1
ELECTION OF DIRECTORS

Nominees for Election as a Director

At the Annual Meeting, nine directors, who have been nominated by our Board of Directors, based on the recommendation of the Nominating and Corporate Governance Committee of the Board of Directors (referred to as the Nominating Committee), are to be elected, each to hold office (subject to our By-laws) until the next annual meeting and until his or her successor has been elected and qualified. All of the nominees for director currently serve as directors and were elected by the stockholders at the 2018 Annual Meeting.

Each nominee has consented to being named as a nominee in this Proxy Statement and to serve if elected. If any nominee listed in the table below should become unavailable for any reason, which the Board of Directors does not anticipate, the proxy will be voted for any substitute nominee or nominees who may be selected by the Board of Directors prior to or at the Annual Meeting. Directors will be elected by an affirmative vote of a majority of the votes cast at the Annual Meeting in person or by proxy. There are no family relationships between any of our directors and executive officers. The information concerning the nominees and their security holdings has been furnished by them to us.

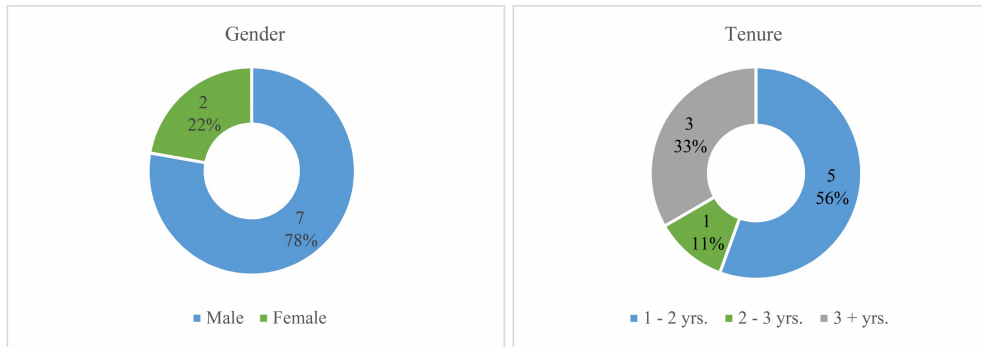
Our directors have been nominated by our Board of Directors, based on the recommendations of the Nominating Committee. As discussed elsewhere in this Proxy Statement, in evaluating director nominees, the Nominating Committee considers characteristics that include, among others, integrity, business experience, financial acumen, leadership abilities, familiarity with our business and businesses similar or analogous to ours, and the extent to which a candidate's knowledge, skills, background and experience are already represented by other members of our Board of Directors. Listed below are our director nominees with their biographies. In addition, we have summarized for each director the reasons why such director has been chosen to serve on our Board of Directors.

Vacancies on the Board may be filled only by persons elected by a majority of the remaining directors. A director elected by the majority of the remaining directors of the Board to fill a vacancy, including vacancies created by an increase in the number of directors, shall serve until his or her successor is duly elected and qualified, or until his or her earlier death, resignation or removal.

If a quorum is present, each nominee receiving more votes in favor of his or her election than against, will be elected as director. Shares represented by executed proxies will be voted, if authority to do so is not withheld, for the election of the nominees named herein.

| Name | Age ⁽¹⁾ | Position |
|----------------------|--------------------|---|
| Robert E. Ward | 61 | Chairman of the Board and Chief Executive Officer |
| Zafira Avnur, Ph.D. | 68 | Director |
| Tomer Kariv | 58 | Director |
| Martijn Kleijwegt | 64 | Director |
| Silvia Noiman, Ph.D. | 63 | Director |
| Ran Nussbaum | 45 | Director |
| Steven Rubin | 58 | Director |
| Jasbir Seehra, Ph.D. | 63 | Director |
| Gadi Veinrib | 41 | Director |

(1) As of May 29, 2019.



Mr. Robert Ward has served as Chairman of our Board and Chief Executive Officer since December 2017. He previously served as the Chief Executive Officer, President and member of the Board of Directors at Radius Health, Inc. from December 2013 to July 2017. Prior to joining Radius, Mr. Ward was Vice President for Strategy and External Alliances for the New Opportunities iMed of AstraZeneca from 2011 to December 2013. He has held a series of progressive management and executive roles with established companies such as NPS Pharmaceuticals, Schering-Plough (Merck), Pharmacia (Pfizer), Bristol-Myers Squibb and Genentech. Mr. Ward is a Director of Oncosec Medical Incorporated since November 2018 and was a Director of Akari Therapeutics, Plc. from 2016 to 2018. Mr. Ward received a B.A. in Biology and a B.S. in Physiological Psychology, both from the University of California, Santa Barbara, an M.S. in Management from the New Jersey Institute of Technology and an M.A. in Immunology from The Johns Hopkins University School of Medicine. Our Board believes Mr. Ward’s experience as an executive and extensive knowledge in the development of pharmaceutical products qualifies him to serve on our Board.

Dr. Zafira Avnur, Ph.D. has served as a member of our Board since December 2017, and previously served as a member of the board of directors of Eloxx Pharmaceuticals, Ltd. (the “Eloxx Limited Board”) since June 2017. Dr. Avnur is the Chief Scientific Officer at Quark Venture Inc., a venture investment fund focused on life sciences investments. Prior to Quark, Dr. Avnur was the Global Head of Academic Innovation, Roche Partnering from 2009 until October 2016. Dr. Avnur was also named Global Head of Neglected Diseases Roche Partnering from 2010 until 2012. She also has created nine startup companies and serves on the board of directors of several portfolio companies. Preceding her academic innovation leadership role, Dr. Avnur assumed responsibility for scientific evaluations of partnering opportunities and started the “Finder” group for Biomarkers for all therapeutic areas at Roche. She acted as Liaison between Pharma and Diagnostic Divisions and contributed to the PHC (Personalized Health Care) initiative. Prior to her partnering roles, Dr. Avnur worked in diagnostics and pharmaceuticals research and development for nearly 20 years. She held a number of positions progressing from scientist and manager to global responsibilities. In these roles she was overseeing the advancement of compounds from the bench into the clinic, and was involved in the design and execution of early clinical studies that characterize the pharmacodynamics and clinical effects of a number of compounds. Dr. Avnur received a B.Sc. in Biology and a M.Sc. in Biology from Ben Gurion University and a Ph.D. in Immunology from the Weizmann Institute of Science. Dr. Avnur also conducted post-doctoral work at Stanford Medical Center in the Cancer Immunology Department. Our Board believes Dr. Avnur’s experience as an executive in research and development qualifies her to serve on our Board.

Mr. Tomer Kariv has served as a member of our Board since December 2017, and previously served as a member of the Eloxx Limited Board since October 2016. For the past 14 years Mr. Kariv has been the Chief Executive Officer and Co-Founder of The Pontifax Group, which established five funds with over \$600 million under management and invested in over 40 portfolio companies. Mr. Kariv also serves on the board of directors of many of The Pontifax Group’s portfolio companies including: V-Wave Ltd., EyeYon Medical Ltd., Cathworks Ltd., Raziell Therapeutics Ltd., VBI Vaccines Inc., LogicBio, and 89Bio Ltd. He previously served as a Director of Medical Compression Systems Ltd., Insuline Medical Ltd., Headsense Medical Ltd., Macrocare Ltd., Avraham Pharmaceuticals, Amo Therapeutics, Stimatix Ltd., Applied Immune Technologies, Allium Ltd., Tucos, Inc., Therapix Biosciences Ltd., Otic Pharma Ltd., Observer in Entera Ltd., Nutrinia Ltd., Check-Cap Ltd., and CollPlant Holdings Ltd. Mr. Kariv has 14 years of

experience as a seasoned venture capital industry executive and has played a key role in investing, managing and nurturing technology driven companies and startups and has held senior management positions at top Israeli financial institutions. Mr. Kariv received a B.A. in Economics from Harvard University and a Juris Doctor from Harvard Law School. Our Board believes Mr. Kariv's extensive experience as a venture capital investor, financial executive and board member qualifies him to serve on our Board.

Mr. Martijn Kleijwegt has served as a member of our Board since December 2017, and previously served as a member of the Eloxx Limited Board since June 2017. Mr Kleijwegt is a Managing Partner and Co-Owner of Life Sciences Partners ("LSP") since founding it in 1998. Prior to that, he also was a Partner at Euroventures Ukraine Fund and served as a General Partner at Euroventures Benelux Team. Mr. Kleijwegt has over 30 years of hands-on finance and investment experience and has gained extensive experience in the life sciences sector. He served as a Member of the Supervisory Board and as Non-Executive Director of a number of LSP portfolio companies, including Movetis, Ness, Pronota, ActoGeniX, Prosensa, Eyesense, Crucell, Asoyia, ISTO, Quadrant Plc., Rhein Biotech N.V., and QIAGEN N.V. He currently serves as a Member of the Supervisory Board, or as Non-Executive Director, of the following LSP portfolio companies: OxThera, Orphazyme, Kiadis Pharma and Pharvaris. He received a Master's degree in Economics from Amsterdam University. Our Board believes Mr. Kleijwegt's experience as an executive and investor in the life sciences industry qualifies him to serve on our Board.

Dr. Silvia Noiman has served as a member of our Board since December 2017 and previously served as a director of the Eloxx Limited Board since September 2013. Dr. Noiman has over 25 years of experience as an entrepreneur and executive in the biopharmaceuticals industry. Currently, she is serving as a consultant to Pontifax Venture Capital. Dr. Noiman founded Eloxx Limited in 2013 and held multiple executive roles from October 2013 to December 2017, including as Chief Executive Officer. She has served as venture partner of Pontifax IV since November 2015 and Pontifax II since 2010. Dr. Noiman founded and served as Executive Chairwoman of many of the Pontifax VC portfolio companies, including cCAM Biotherapeutics Ltd, acquired by Merck in 2015. She was also founder and Senior Vice President of Predix Pharmaceuticals Ltd., bringing a small early-stage drug discovery company from inception to a \$500 million publicly traded multi-product company. Under Dr. Noiman's leadership, Predix progressed four discovery programs to late stage clinical trials and formed significant big pharma partnerships. Prior to founding Predix, Dr. Noiman was engaged in large-scale entrepreneurial activities in the biotech industry in Israel. Dr. Noiman received a M.P.Sc. in population genetics and a B.Sc. in Biology from the Faculty of Life Sciences at Tel-Aviv University, an M.B.A. from Recanati School of Management at Tel-Aviv University, a Ph.D. in Molecular Biology from Tel-Aviv University and did post-doctoral work at the Weizmann Institute of Science. Dr. Noiman has published numerous papers and holds several patents. Our Board believes Dr. Noiman's in-depth knowledge of the Company and her experience in executive roles in the biotechnology industry qualifies her to serve on our Board.

Mr. Ran Nussbaum has served as a member of our Board since December 2017, and previously served as a member of the Eloxx Limited Board since September 2013. Mr Nussbaum is a managing partner and Co-Founder of The Pontifax Group, which established five funds with over \$600 million under management and invested in over 40 portfolio companies. Over the past 10 years, Mr. Nussbaum has been managing The Pontifax Group's activity together with Mr. Tomer Kariv. Mr. Nussbaum is the Chairman of the Board of Keros Therapeutics Inc. From 2006 to 2008 he also served as Chief Executive Officer of Biomedix Ltd. and Spearhead Ltd., and was Chairman of the Board of Nasvax Ltd. Mr. Nussbaum's experience in the life sciences arena coupled with over a decade of experience in the business intelligence field create a unique blend of skills, enabling him to support companies from inception to commercialization. Mr. Nussbaum currently serves as a Director of UroGen Pharma Ltd. (formerly, TheraCoat), Quiet Therapeutics Ltd., Ocon Medical Ltd., N.T.B. Pharma Ltd., Lutris Pharma Ltd., Zolex Therapeutics Ltd., and Prevail Therapeutics Inc. Mr. Nussbaum also has previously served on the boards of directors of many of The Pontifax Group's portfolio companies: c-Cam Biotherapeutics Ltd., Insuline Medical Ltd., Kite Pharma, Inc., BioBlast Pharma Ltd., CollPlant Holdings Ltd., ProTab Ltd., Fusimab Ltd. Nutrina Ltd., NovellusDx Ltd., VBI Vaccines Inc., and ArQule, Inc. Our Board believes Mr. Nussbaum's experience as a venture capitalist investor in the biotechnology industry qualifies him to serve on our Board.

Mr. Steven Rubin has served as a member of our Board since December 2017, and previously served as a member of the Sevion Therapeutics, Inc. Board of Directors since May 2014. Mr. Rubin is the Executive Vice President — Administration and a Director of OPKO Health, Inc. Mr. Rubin is currently a Director of VBI Vaccines, Inc., Red Violet, Inc., Kidville, Inc., Non-Invasive Monitoring Systems, Inc., Cocrystal Pharma, Inc., Castle Brands, Inc., Neovasc, Inc. and ChromaDex Corp. Mr. Rubin previously served as a Director of Cogint, Inc. prior to the spinoff of Red Violet from Cogint in March 2018, Dreams, Inc., Safestitch Medical, Inc. prior to its merger with TransEnterix, Inc., SciVac Therapeutics, Inc. prior to its merger with VBI Vaccines, Inc., Tiger X Medical, Inc. prior to its merger with BioCardia, Inc., and PROLOR Biotech, Inc. prior to its acquisition by OPKO Health, Inc. Mr. Rubin received a B.A. in Economics from Tulane University and a J.D. from the University of Florida. Our Board believes Mr. Rubin’s experience in the biopharmaceutical industry, along with his extensive public company board experience qualifies him to serve on our Board.

Dr. Jasbir Seehra has served as a member of our Board since February 2018. Dr. Seehra has served as Chief Executive Officer of Keros Therapeutics since December 2015. Before that, he worked for Third Rock Ventures and helped establish Decibel (where he still serves on their Scientific Advisory Board) and Ember Therapeutics (as Chief Scientific Officer). Before joining Ember, Dr. Seehra was part of a team of scientific advisors for many companies. He has served as an advisor on Ember’s Scientific Advisory Board since the company’s launch. With greater than 25 years of experience developing innovative small molecule and biologic drugs, Dr. Seehra served as Chief Scientific Officer of Acceleron Pharma, Inc., which he co-founded in 2003. He has also served as Vice President of Biological Chemistry at Wyeth and led the small molecule lead discovery effort at Genetics Institute, Inc., where he successfully built the institute’s small molecule drug discovery capabilities, including medicinal chemistry, high throughput screening and structural biology. Dr. Seehra has authored numerous publications and is an inventor on 78 patents. Dr. Seehra received a B.S. and a Ph.D. in Biochemistry from the University of Southampton in England. He completed his postdoctoral work at the Massachusetts Institute of Technology. Our Board believes Dr. Seehra’s drug development and executive leadership experience qualifies him to serve on our Board.

Mr. Gadi Veinrib has served as a member of our Board since 2017. Mr. Veinrib previously served as a member of the Eloxx Limited Board since November 2014. Mr. Veinrib serves as the Chairman of the Board of Aqua Maof Aquaculture Technologies Ltd., a world leader in indoor aquaculture technology, as well as other companies in the Aqua Maof Global Aquaculture Group. Mr. Veinrib serves as a board member in Israeli based Meteo-Logic Ltd. and Minute Ltd. Mr. Veinrib served as Vice President of Elron Electronic Industries Ltd., as well as a director of companies within Discount Investment Corporation Ltd. (a member of the IDB Group), including Netvision Ltd, RDSeed Ltd., Cloudyn Software Ltd. and Nana10 Ltd. Mr. Veinrib holds a B.A. in Economics from Tel Aviv University. Our Board believes Mr. Veinrib’s executive and financial leadership experience qualifies him to serve on our Board.

**THE BOARD OF DIRECTORS UNANIMOUSLY RECOMMENDS
A VOTE “FOR” THE ELECTION OF EACH NOMINEE UNDER PROPOSAL 1.**

INFORMATION REGARDING THE BOARD OF DIRECTORS AND CORPORATE GOVERNANCE

Independence of the Board of Directors

As required under Nasdaq Stock Market (“Nasdaq”) listing rules, a majority of the members of a listed company’s board of directors must qualify as “independent,” as affirmatively determined by the company’s board. The Board consults with the Company’s counsel to ensure that the Board’s determinations are consistent with relevant securities and other laws and regulations regarding the definition of “independent,” including those set forth in pertinent listing standards of Nasdaq, as in effect from time to time.

Consistent with these considerations, after review of all relevant identified transactions or relationships between each director, or any of his or her family members, and the Company, our senior management and our independent registered public accounting firm, the Board has affirmatively determined that the following seven directors are independent directors within the meaning of the applicable Nasdaq listing standards: Messrs. Kariv, Kleijwegt, Nussbaum, Rubin and Veinrib, and Drs. Avnur and Seehra. In making this determination, the Board found that none of these directors or nominees for director had a material or other disqualifying relationship with us. Mr. Ward and Dr. Noiman are not independent by virtue of their current and prior executive officer positions, respectively, with the Company.

Board Leadership Structure

The Board has a Chairman, Mr. Ward, also our Chief Executive Officer, who has authority, among other things, to call and preside over Board meetings, to set meeting agendas and to determine materials to be distributed to the Board. Accordingly, the Chairman has substantial ability to shape the work of the Board. The Board believes that this current structure and combination of responsibilities is optimal for the Company at this time as it will enhance the Board’s oversight by leveraging the knowledge of our Chief Executive Officer without diminishing his accountability to the full Board.

Role of the Board in Risk Oversight

One of the Board’s key functions is informed oversight of our risk management process. The Board does not have a standing risk management committee, but rather administers this oversight function directly through the Board as a whole, as well as through various Board standing committees that address risks inherent in their respective areas of oversight. In particular, our Board is responsible for monitoring and assessing strategic risk exposure, including a determination of the nature and level of risk appropriate for our Company. Our Audit Committee has the responsibility to consider and discuss our major financial risk exposures and the steps our management has taken to monitor and control these exposures, including guidelines and policies to govern the process by which risk assessment and risk management is undertaken. Our Nominating and Corporate Governance Committee monitors the effectiveness of our Corporate Governance Guidelines, including whether they are successful in preventing illegal or improper liability-creating conduct. Our Compensation Committee assesses and monitors whether any of our compensation policies and programs has the potential to encourage excessive risk-taking. The Strategic Finance Committee assists the Board in fulfilling its responsibilities to review, among other things, the Company’s long-term strategy, risks and opportunities relating to such strategy, major financial objectives and potential transactions. It is the responsibility of the chairperson of each committee of the Board to report findings regarding material risk exposures to the full Board as quickly as possible.

Meetings of the Board of Directors

The Board met six times prior to the end of the fiscal year ending December 31, 2018 and had several additional informal meetings. Each Board member attended 75% or more of the aggregate number of meetings of the Board and of the committees on which he or she served, held during the portion of the last fiscal year for which he or she was a director or committee member. The Board also met several times during the year on an informal basis where members received regular operational updates concerning the Company. Additional actions of the Board and the committees of the Board were adopted by written consent, which are not included in the total meetings held for the Board and each committee.

INFORMATION REGARDING COMMITTEES OF THE BOARD OF DIRECTORS

The Board has four committees: Audit Committee, Compensation Committee, Nominating and Corporate Governance Committee and Strategic Finance Committee. Each of the committees has authority to engage legal counsel or other experts or consultants as it deems appropriate to carry out its responsibilities. The Board has determined that each member of each committee meets the applicable Nasdaq rules and regulations regarding “independence” and each member is free of any relationship that would impair his or her individual exercise of independent judgment with regard to the Company.

Each committee acts pursuant to a separate written charter, and each such charter has been adopted and approved by the Board of Directors. A copy of the charter of each of our committees, as well as our Corporate Governance Guidelines, are available on our website at www.eloxxpharma.com by choosing the “Investors” link and clicking on the “Corporate Governance” section.

Committee Memberships

| Name | Nominee Committee Membership ⁽¹⁾ | | | |
|----------------------|---|------------|--------------|-------------------|
| | Audit | Nominating | Compensation | Strategic Finance |
| Robert E. Ward | | | | |
| Zafira Avnur, Ph.D. | | ● | ● | |
| Tomer Kariv | | ● | | |
| Martijn Kleijwegt | ● | | | ● |
| Silvia Noiman, Ph.D. | | | | |
| Ran Nussbaum | | ● | | ● |
| Steven Rubin | ● | | | ● |
| Jasbir Seehra, Ph.D. | ● | | ● | |
| Gadi Veinrib | | | ● | |

(1) As of April 1, 2019.

● = Denotes Chair

Audit Committee

For the fiscal year ended December 31, 2018, the Audit Committee was composed of three directors: Messrs. Kleijwegt and Rubin and Dr. Seehra, with Mr. Kleijwegt serving as the chairman of the committee. The Audit Committee met eight times during the fiscal year ended December 31, 2018. The Audit Committee was established by the Board in accordance with Section 3(a)(58)(A) of the Securities Exchange Act of 1934, as amended (the “Exchange Act”) to oversee our corporate accounting and financial reporting processes and audits of our financial statements. For this purpose, the Audit Committee performs several functions. The Audit Committee evaluates the performance of and assesses the qualifications of the Company’s independent registered public accounting firm; determines and approves the engagement of the independent registered public accounting firm; determines whether to retain or terminate the existing independent registered public accounting firm or to appoint and engage a new independent registered public accounting firm; reviews and approves the retention of the independent registered public accounting firm to perform any proposed permissible non-audit services; monitors the rotation of partners of the

independent registered public accounting firm on the Company's audit engagement team as required by law; reviews and approves or disapproves transactions between the Company and any related persons; confers with management, and the Company's independent registered public accounting firm, as appropriate, regarding the effectiveness of internal control over financial reporting; establishes procedures, as required under applicable law, for the receipt, retention and treatment of complaints received by the Company regarding accounting, internal accounting controls or auditing matters and the confidential and anonymous submission by employees of concerns regarding questionable accounting or auditing matters; and meets to review the Company's annual and quarterly financial statements with management and the independent registered public accounting firm, including a review of the Company's disclosures under "Management's Discussion and Analysis of Financial Condition and Results of Operations" contained in our Exchange Act reports filed with the SEC.

The Board reviews the Nasdaq listing standards definition of independence for Audit Committee members on an annual basis and has determined that all of the current members of the Audit Committee are independent (as independence is currently defined under Rule 5605(a)(2) of the Nasdaq listing rules and under Rule 10A-3 under the Exchange Act). The Board has also determined that Mr. Rubin qualifies as an "audit committee financial expert," as defined in applicable SEC rules. The Board made a qualitative assessment of Mr. Rubin's level of knowledge and experience based on a number of factors, including formal education and experience as an executive officer and director for publicly and privately held companies.

Report of the Audit Committee of the Board of Directors

The Audit Committee has reviewed and discussed the audited financial statements for the fiscal year ended December 31, 2018 with management of the Company. The Audit Committee has discussed with the independent registered public accounting firm the matters required to be discussed by Auditing Standard No. 1301, *Communications with Audit Committees*, as adopted by the Public Company Accounting Oversight Board ("PCAOB"). The Audit Committee has also received the written disclosures and the letter from the independent registered public accounting firm required by applicable requirements of the PCAOB regarding the independent accountants' communications with the Audit Committee concerning independence and has discussed with the independent registered public accounting firm the accounting firm's independence. Based on the foregoing, the Audit Committee of the Board of Directors has recommended to the Board of Directors that the audited financial statements be included in the Company's Annual Report on Form 10-K for the fiscal year ended December 31, 2018.

Respectfully submitted,

Martijn Kleijwegt
Steven D. Rubin
Jasbir Seehra, Ph.D.

The material in this report is not "soliciting material," is not deemed "filed" with the SEC and is not to be incorporated by reference in any filing of the Company under the Securities Act of 1933, as amended, or the Exchange Act, whether made before or after the date hereof and irrespective of any general incorporation language in any such filing.

Compensation Committee

For the fiscal year ended December 31, 2018, the Compensation Committee was composed of three directors: Mr. Veinrib and Drs. Avnur and Seehra, with Dr. Avnur serving as the chairwoman of the committee. All members of our Compensation Committee are independent (as independence is currently defined in Rule 5605(a)(2) of the Nasdaq listing rules). The Compensation Committee met six times during the fiscal year ended December 31, 2018. The Compensation Committee acts on behalf of the Board to review, adopt and approve the Company's compensation strategy, policies, plans and programs, including:

- reviewing and approving corporate performance goals and objectives relevant to the compensation of our executive officers and other senior management, as appropriate;

- reviewing and recommending to the Board the type and amount of compensation to be paid or awarded to Board members;
- evaluating and approving the compensation plans and programs advisable for the Company, as well as evaluating and approving the modification or termination of existing plans and programs;
- establishing policies with respect to equity compensation arrangements with the objective of appropriately balancing the perceived value of equity compensation and the dilutive and other costs of that compensation;
- reviewing and approving the terms of any employment agreements, severance arrangements, change-of-control protections and any other compensatory arrangements (including, without limitation, perquisites and any other form of compensation) for our executive officers and, as appropriate, other senior management; and
- administration of our equity compensation plans, pension and profit-sharing plans, stock purchase plans, bonus plans, deferred compensation plans and other similar plans and programs, if any.

Compensation Committee Processes and Procedures

The Compensation Committee holds regularly scheduled meetings and such special meetings as circumstances dictate. The agenda for each meeting is usually developed by the Chairperson of the Compensation Committee, in consultation with our Chief Executive Officer. The Compensation Committee meets regularly in executive session. However, from time to time, various members of management and other employees as well as outside advisers or consultants may be invited by the Compensation Committee to make presentations, to provide financial or other background information or advice or to otherwise participate in Compensation Committee meetings. The Chief Executive Officer may not participate in, or be present during, any deliberations or determinations of the Compensation Committee regarding his compensation. In addition, under the charter, the Compensation Committee has the authority to obtain, at our expense, advice and assistance from compensation consultants and internal and external legal, accounting or other advisers and other external resources that the Compensation Committee considers necessary or appropriate in the performance of its duties. The Compensation Committee has direct responsibility for the oversight of the work of any consultants or advisers engaged for the purpose of advising the Compensation Committee. In particular, the Compensation Committee has the authority to retain, in its discretion, compensation consultants to assist in its evaluation of executive and director compensation, including the authority to approve the consultant's reasonable fees and other retention terms. Under the charter, the Compensation Committee may select, or receive advice from, a compensation consultant, legal counsel or other adviser to the Compensation Committee, other than in-house legal counsel and certain other types of advisers, only after assessing the independence of such person in accordance with SEC and Nasdaq requirements that bear upon the adviser's independence; however, there is no requirement that any adviser be independent.

The Compensation Committee considers matters related to individual compensation, such as compensation for new executive hires, as well as high-level strategic issues, such as the efficacy of our compensation strategy, potential modifications to that strategy and new trends, plans or approaches to compensation, at various meetings throughout the year. Generally, the Compensation Committee's process comprises two related elements: the determination of compensation levels and the establishment of performance objectives for the current year. The Compensation Committee has the authority to delegate to the Chief Executive Officer and/or the officers of the Company who report directly to the Chief Executive Officer and all officers who are "insiders" subject to Section 16 of the Exchange Act (the "Senior Officers"), the determination of compensation under approved compensation programs, except that compensation action affecting the Chief Executive Officer or the Senior Officers may not be delegated. The Committee has direct responsibility and power to review and approve corporate goals and objectives relevant to the compensation of the Company's Chief Executive Officer, evaluate the performance of the Chief Executive Officer in light of those goals and objectives, and approve the compensation level for the Chief Executive Officer based on this evaluation.

Compensation Committee Consultant

The Compensation Committee has retained Radford, an Aon Hewitt Company, to which we refer as “Radford,” as its independent compensation consultant during fiscal 2018. Based on the six factors for assessing independence and identifying potential conflicts of interest that are set forth in SEC Rule 10C-1(b)(4) under the Exchange Act, the Nasdaq Listing Rules and such other factors as were deemed relevant under the circumstances, our Compensation Committee has determined that Radford is independent and the work Radford performed on behalf of the Compensation Committee did not raise any conflict of interest. Radford regularly meets with the Compensation Committee and provides advice regarding the design and implementation of our executive compensation programs, as well as our director compensation programs. In particular, Radford:

- reviews and makes recommendations regarding executive and non-employee director compensation;
- provides market data and performs competitive market analyses, including peer group analyses; and
- assists in the preparation of certain of our compensation-related disclosures included in this Proxy Statement.

In providing its services to the Compensation Committee, with the Compensation Committee’s knowledge, Radford may contact our management from time to time to obtain data and other information from us and to work together in the development of proposals and alternatives for the Compensation Committee to review and consider. In fiscal 2018, the cost of Radford’s executive compensation and director compensation consulting services was \$151,501 (exclusive of the purchase of certain Radford surveys at a cost of \$8,150).

In order to ensure that Radford is independent, Radford is engaged by, takes direction from, and reports to, only the Compensation Committee and, accordingly, only the Compensation Committee has the right to terminate or replace Radford at any time.

Compensation Committee Interlocks and Insider Participation

Each member of the Compensation Committee is an independent director within the meaning of the Nasdaq Listing Rules. There were no interlocks among any of the members of the Compensation Committee and any of our executive officers.

Nominating and Corporate Governance Committee

For the fiscal year ended December 31, 2018, the Nominating and Corporate Governance Committee, or Nominating Committee, was composed of three directors: Messrs. Nussbaum and Kariv and Dr. Avnur, with Mr. Nussbaum serving as the Chairman of the Nominating Committee. All members of the Nominating Committee are independent (as independence is currently defined in Rule 5605(a)(2) of the Nasdaq listing rules). The Nominating Committee met two times in 2018 (including taking action by written consent on one occasion).

The Nominating Committee of the Board is responsible for identifying and evaluating candidates to serve as directors of the Company (consistent with criteria approved by the Board), reviewing and evaluating incumbent directors, recommending to the Board for selection candidates for election to the Board, making recommendations to the Board regarding the membership of the committees of the Board, assessing the performance of management and the Board and developing a set of corporate governance principles for the Company.

The Nominating Committee believes that candidates for director should have certain minimum qualifications and have the highest personal integrity and ethics. The Nominating Committee believes that each director should possess the requisite ability, judgment and experience to oversee the Company’s business, and should contribute to the overall diversity of the Board. Accordingly, the Nominating Committee considers the qualifications of directors and director candidates individually and in the broader context of its overall composition and the Company’s current and future needs. Candidates for director

nominees are reviewed in the context of the current composition of the Board, our operating requirements and the long-term interests of our stockholders. In conducting this assessment, the Nominating Committee typically considers diversity, age, skills and such other factors as it deems appropriate given the current needs of the Board and the Company, to maintain a balance of knowledge, experience and capability.

In the case of new director candidates, the Nominating Committee also determines whether the nominee is independent for Nasdaq purposes, which determination is based upon applicable Nasdaq listing standards, applicable SEC rules and regulations and the advice of counsel, if necessary. The Nominating Committee then uses its network of contacts to compile a list of potential candidates, but may also engage, if it deems appropriate, a professional search firm. The Nominating Committee conducts any appropriate and necessary inquiries into the backgrounds and qualifications of possible candidates after considering the function and needs of the Board and the Company. The Nominating Committee meets to discuss and consider the candidates' qualifications and then selects a nominee for recommendation to the Board by majority vote.

The Nominating Committee will consider director candidates recommended by stockholders. The Nominating Committee does not intend to alter the manner in which it evaluates candidates, including the minimum criteria set forth above, based on whether or not the candidate was recommended by a stockholder. Any such stockholder recommendations must be delivered to our Corporate Secretary, together with the information required to be filed in a proxy statement with the SEC regarding director nominees, and each such nominee must consent to serve as a director if elected, no later than the deadline for submission of stockholder nominations as set forth in our By-laws and under the section of this Proxy Statement entitled "Stockholder Nominations — Advance Notice."

Stockholder Communications with the Board of Directors

Historically, the Company has not provided a formal process related to stockholder communications with the Board. Nevertheless, every effort has been made to ensure that the views of stockholders are heard by the Board or individual directors, as applicable, and that appropriate responses are provided to shareholders in a timely manner. The Company believes its responsiveness to stockholder communications to the Board has been excellent. The Nominating Committee will consider adoption of a formal process for stockholder communications with the Board as appropriate and, if adopted, publish it promptly and post it to the Company's website. Currently, communications with the Board should be made in writing and directed to the Company's Corporate Secretary at our principal executive offices.

Code of Ethics

We have adopted the Eloxx Pharmaceuticals, Inc. Code of Business Conduct and Ethics that applies to all of our officers, directors and employees. The Code of Business Conduct and Ethics is available on our website at <http://www.eloxxpharma.com/investors/corporate-governance/>. If we make any substantive amendments to the Code of Business Conduct and Ethics or we grant any waiver from a provision of the Code of Business Conduct and Ethics to any executive officer or director, we will promptly disclose the nature of the amendment or waiver on our website.

Corporate Governance Guidelines

In December 2017, the Board adopted our Corporate Governance Guidelines to assure that the Board will have the necessary authority and practices in place to review and evaluate our business operations as needed and to make decisions that are independent of our management. The guidelines are also intended to align the interests of directors and management with those of our stockholders. The Corporate Governance Guidelines set forth the practices the Board intends to follow with respect to Board composition and selection, Board meetings and involvement of senior management, Chief Executive Officer performance evaluation and succession planning, and Board committees and compensation. The Corporate Governance Guidelines, as well as the charters for each committee of the Board, may be viewed on our website at <http://www.eloxxpharma.com/investors/corporate-governance/>.

Stockholder Nominations — Advance Notice

Our By-laws provide that nominations for the election of directors and proposals for other business to be transacted by the stockholders may be made at an annual meeting: (a) pursuant to the Company's notice with respect to such meeting (or any supplement thereto), (b) by or at the direction of the Board of Directors (or any duly authorized committee thereof), or (c) by any stockholder who (i) is a stockholder of record on the date of the giving of the notice and on the record date for the determination of stockholders entitled to vote at such annual meeting and (ii) complies with the notice procedures set forth in the By-laws and summarized below. The following summary is qualified in its entirety by reference to Section 1.2 of our By-laws, which contains additional information and requirements that must be adhered to.

In addition to any other applicable requirement for a nomination or proposal to be made by a stockholder, such stockholder must have given timely notice thereof in proper written form to our Corporate Secretary. To be timely, a stockholder's notice to the Corporate Secretary must be delivered to or mailed and received at our principal executive offices not less than 90 days nor more than 120 days prior to the anniversary date of the annual meeting of the preceding year; provided that in the event that the date of the annual meeting for the current year is more than 30 days before or after the anniversary date of the prior year's annual meeting, then on or before 10 days after the day on which the date of the current year's annual meeting is first disclosed in a public announcement.

To be in proper written form, a stockholder's notice to the Corporate Secretary must set forth (a) as to each person whom the stockholder proposes to nominate for election as a director: (i) all information relating to such nominee that would be required to be disclosed in solicitations of proxies for the election of such nominee as a director pursuant to Regulation 14A under the Exchange Act and such nominee's written consent to serve as a director if elected; (ii) a description of all direct and indirect compensation and other material monetary arrangements, agreements or understandings during the past three years, and any other material relationship, if any, between or concerning such stockholder, any Stockholder Associated Person (as defined below) or any of their respective affiliates or associates, on the one hand, and the proposed nominee or any of his or her affiliates or associates, on the other hand; (iii) the class or series and number of shares of our capital stock which are owned beneficially or of record by the person; and (iv) any other information relating to the person that would be required to be disclosed in a proxy statement or other filing required to be made in connection with solicitations of proxies for election of directors pursuant to Regulation 14A of the Exchange Act; (b) as to each proposal that the stockholder seeks to bring before the meeting, a brief description of such proposal, the reasons for making the proposal at the meeting, the text of the proposal (including the text of any resolutions proposed for consideration and in the event that it includes a proposal to amend the By-laws of the Company, the language of the proposed amendment) and any material interest that the stockholder has in the proposal; and (c) as to the stockholder giving the notice: (i) the name and record address of such stockholder and any associated persons on whose behalf the nomination or proposal is made; (ii) the class or series and number of shares of our capital stock which are owned beneficially or of record by such stockholder or any associated person; (iii) a description of all arrangements or understandings between such stockholder and each proposed nominee and any other person or persons (including their names) pursuant to which the nomination(s) are to be made by such stockholder; and (iv) a representation that such stockholder is a holder of record of the Company entitled to vote at such meeting and intends to appear in person or by proxy at the annual meeting to nominate the persons named in his or her notice.

PROPOSAL 2**RATIFICATION OF SELECTION OF
INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

The Audit Committee has selected Deloitte & Touche LLP as our independent registered public accounting firm for the fiscal year ending December 31, 2019 and has further directed that management submit the selection of our independent registered public accounting firm for ratification by the stockholders at the Annual Meeting. Deloitte & Touche LLP has audited our financial statements since June 2018. Representatives of Deloitte & Touche LLP are expected to be present at the Annual Meeting. They will have an opportunity to make a statement if they so desire and will be available to respond to appropriate questions.

Neither our By-laws, as amended, nor other governing documents or law require stockholder ratification of the selection of Deloitte & Touche LLP as our independent registered public accounting firm. However, the Audit Committee is submitting the selection of Deloitte & Touche LLP to the stockholders for ratification as a matter of good corporate governance. If the stockholders fail to ratify the selection, the Audit Committee will reconsider whether or not to retain that firm. Even if the selection is ratified, the Audit Committee in its discretion may direct the appointment of a different independent registered public accounting firm at any time during the year if they determine that such a change would be in the best interests of the Company and our stockholders.

The votes cast “for” must exceed the votes cast “against” to approve the ratification of Deloitte & Touche LLP as our independent registered public accounting firm. Abstentions are not counted as votes “for” or “against” this proposal.

Principal Accountant Fees and Services

The following table represents aggregate fees billed to us for the fiscal year ended December 31, 2018 by Deloitte & Touche LLP.

| | Fiscal Year Ended December 31, 2018⁽¹⁾ |
|-----------------------------------|--|
| Audit Fees ⁽²⁾ | \$ 467,358 |
| Audit-Related Fees ⁽³⁾ | 45,320 |
| All Other Fees ⁽⁴⁾ | 3,790 |
| Total Fees | <u>\$ 516,498</u> |

(1) Includes fees billed by Deloitte & Touche LLP since their engagement on June 18, 2018.

(2) Represents fees billed for professional services provided to us in connection with the integrated annual audit of our consolidated financial statements and the effectiveness of our internal control over financial reporting, the review of our quarterly condensed consolidated financial statements, as well as audit services that are normally provided by an independent registered public accounting firm in connection with statutory and regulatory filings.

(3) Represents fees billed for professional services provided to us in connection with registration statement filings.

(4) Represents fees billed for professional services related to annual software subscription.

All such services and fees were pre-approved by our Audit Committee in accordance with the “Pre-Approval Policy and Procedures” described below.

Pre-Approval Policy and Procedures

The Audit Committee has adopted a policy and procedures for the pre-approval of audit and non-audit services rendered by our independent registered public accounting firm. The policy generally pre-approves specified services in the defined categories of audit services, audit-related services and tax services up to specified amounts. Pre-approval may also be given as part of the Audit Committee’s approval of the scope of the engagement of the independent registered public accounting firm or on an individual, explicit, case-by-case basis before the independent registered public accounting firm is engaged to provide each service. The pre-approval of services may be delegated to one or more of the Audit Committee’s members, but the decision must be reported to the full Audit Committee at its next scheduled meeting.

Change in Independent Registered Public Accounting Firm

On June 18, 2018, the Audit Committee approved the dismissal of Kost Forer Gabbay & Kaiserer, a Member of Ernst & Young Global (“EY”), as the Company’s independent registered public accounting firm, and approved the appointment of Deloitte & Touche LLP (“Deloitte & Touche”) as the Company’s independent registered public accounting firm to audit the Company’s financial statements for the fiscal year ending December 31, 2018.

The reports of EY on the Company’s consolidated financial statements for the fiscal years ended December 31, 2017 and 2016 did not contain an adverse opinion or a disclaimer of opinion, and were not qualified or modified as to uncertainty, audit scope, or accounting principle.

During the fiscal years ended December 31, 2017 and 2016 and the subsequent interim period through June 18, 2018, there were (i) no disagreements (as defined in Item 304(a)(1)(iv) of Regulation S-K) with EY on any matter of accounting principles or practices, financial statement disclosure, or auditing scope or procedure, which disagreements, if not resolved to the satisfaction of EY, would have caused EY to make reference thereto in their reports on the Company’s financial statements, and (ii) no “reportable events” (as defined in Item 304(a)(1)(v) of Regulation S-K).

During the fiscal years ended December 31, 2017 and 2016 and the subsequent interim periods preceding the dismissal of EY, the Company did not consult with Deloitte & Touche regarding either (i) the application of accounting principles to a specified transaction, either completed or proposed; or the type of audit opinion that might be rendered on the Company’s financial statements, and neither a written report or oral advice was provided to the Company that Deloitte & Touche concluded was an important factor considered by the Company in reaching a decision as to the accounting, auditing or financial reporting issue; or (ii) any matter that was the subject of a “disagreement” (as described in Item 304(a)(1)(iv) of Regulation S-K) or a “reportable event” (as described in Item 304(a)(1)(v) of Regulation S-K).

THE BOARD OF DIRECTORS UNANIMOUSLY RECOMMENDS A VOTE “FOR” PROPOSAL 2.

PROPOSAL 3**ADVISORY VOTE ON EXECUTIVE COMPENSATION**

The Board recognizes the interests our investors have in the compensation of our named executive officers. In recognition of that interest and as required by the Dodd-Frank Wall Street Reform and Consumer Protection Act (the “Dodd-Frank Act”) and Regulation 14A of the Exchange Act, we are providing our stockholders with the opportunity to vote to approve, on an advisory basis, the compensation of our named executive officers as disclosed in this Proxy Statement in accordance with SEC rules. In accordance with that policy, the Company is asking the shareholders to approve, on an advisory basis, the compensation of the Company’s named executive officers as disclosed in this Proxy Statement.

This vote is not intended to address any specific item of compensation, but rather the overall compensation of the Company’s named executive officers and the philosophy, policies and practices described in this Proxy Statement. The compensation of the Company’s named executive officers subject to the vote is disclosed in the compensation tables and the related narrative disclosure contained in this Proxy Statement. The Company believes that its compensation policies and decisions are focused on pay-for-performance principles and strongly aligned with our stockholders’ interests. Our equity compensation (which is awarded in the form of stock options, restricted stock units and performance stock units) is designed to build executive ownership and align financial incentives focused on the achievement of our long-term strategic goals (both financial and non-financial). Compensation of the Company’s named executive officers is also designed to enable the Company to attract and retain talented and experienced executives to lead the Company successfully in a competitive environment and promote the creation of long-term stockholder value.

Accordingly, the Board is asking our stockholders to indicate their support for the compensation of our named executive officers as described in this Proxy Statement by casting a non-binding advisory vote “FOR” Proposal 3.

If a quorum is present, the votes cast “for” must exceed the votes cast “against” to approve, on an advisory basis, the compensation of our named executive officers. Abstentions and broker non-votes are not counted as votes “for” or “against” this proposal.

Because the vote is advisory, the result will not be binding on the Board or Compensation Committee. Nevertheless, the views expressed by our stockholders, whether through this say-on-pay vote or otherwise, are important to management and the Board and, accordingly, the Board and the Compensation Committee intend to consider the results of this vote in making determinations in the future regarding executive compensation arrangements.

**THE BOARD OF DIRECTORS UNANIMOUSLY RECOMMENDS
A VOTE “FOR” PROPOSAL 3.**

PROPOSAL 4

**ADVISORY VOTE ON THE FREQUENCY OF SOLICITATION OF
ADVISORY STOCKHOLDER APPROVAL OF EXECUTIVE COMPENSATION**

As described in Proposal 3 above, the Company's stockholders are being provided the opportunity to cast an advisory vote on the compensation of the Company's named executive officers. The advisory vote on executive compensation described in Proposal 3 above is referred to as a "say-on-pay vote."

The Dodd-Frank Act and Regulation 14A of the Exchange Act also enable our stockholders, at least once every six years, to indicate their preference regarding how frequently we should solicit a non-binding advisory say-on-pay vote in our proxy materials for future annual meetings.

Under this Proposal 4, stockholders may vote to have the say-on-pay vote every year, every two years or every three years, or may abstain from voting on this matter. In voting on this proposal, you should mark your proxy for one year, two years or three years based on your preference as to the frequency with which an advisory vote on executive compensation should be held. If you have no preference you should abstain.

After careful consideration, the Board of Directors believes that the frequency of the stockholder vote on the compensation of the Company's named executive officers should be once every year as the Board of Directors believes that stockholders should have the opportunity to determine whether executive compensation has been properly designed and measured against performance each and every year. This is consistent with our overall executive compensation philosophy which links pay primarily to the achievement of financial and strategic corporate performance objectives that are directly related to the achievement of both short-term and long-term strategic business objectives.

While the Board of Directors recommends an annual vote, stockholders are not voting to approve or disapprove of the Board of Directors' recommendation. Rather, stockholders may cast a vote on the preferred voting frequency by selecting the option of one year, two years, three years or abstain, when voting. The option that receives the majority of votes cast by stockholders will be considered the advisory vote of the stockholders. To the extent there is any significant vote in favor of one frequency over the other options, even if less than a majority of the votes cast, our Board will consider the stockholders' concerns and evaluate any appropriate next steps.

Although as an advisory vote this proposal is not binding on the Company or the Board, the Board values the opinions that our stockholders express through their votes and will carefully consider the stockholder vote, even if none of the options obtains a majority vote, along with all other views expressed by our stockholders, when considering how frequently we should hold the say-on-pay vote. The Board may decide that it is in the best interests of the stockholders and the Company to hold an advisory vote on executive compensation more or less frequently than the option that receives the highest number of votes by our stockholders.

**THE BOARD OF DIRECTORS UNANIMOUSLY RECOMMENDS
A VOTE IN FAVOR OF "ONE YEAR" FOR PROPOSAL 4.**

EXECUTIVE OFFICERS

The following table sets forth information concerning our executive officers as of the date of this Proxy Statement.

| Name | Age⁽¹⁾ | Title |
|-------------------------|--------------------------|---|
| Robert E. Ward | 61 | Chief Executive Officer and Chairman of the Board of Directors |
| Gregory Weaver | 63 | Chief Financial Officer |
| Gregory Williams, Ph.D. | 60 | Chief Operating Officer |
| David P. Snow | 57 | Chief Business Officer |
| Neil S. Belloff | 59 | Executive Vice President, General Counsel and Corporate Secretary |

(1) As of May 29, 2019

Mr. Robert E. Ward is our Chief Executive Officer and Chairman of the Board of Directors. See “Proposal 1 — Election of Directors” for a discussion of Mr. Ward’s business experience.

Mr. Gregory Weaver has served as our Chief Financial Officer since December 2017, and was previously the Chief Financial Officer of Eloxx Limited beginning in October 2017. Prior to that, Mr. Weaver served as Chief Financial Officer of Prometic Life Sciences from October 2015 until August 2017, where he led the Company’s global financial team. Mr. Weaver served as Chief Financial Officer of Oryzon Genomics from September 2014 until October 2015, where he managed the company’s IPO financing. Earlier in his career, Mr. Weaver served as Chief Financial Officer of several other Nasdaq-listed life sciences companies, including Fibrocell Science, Celsion Corp., Poniard Pharmaceuticals, Sima Therapeutics and ILEX Oncology. In addition, Mr. Weaver currently serves as a Director of Atossa Genetics, Inc. Mr. Weaver received an M.B.A. from Boston College, a B.S. in accounting from Trinity University, and a U.S. CPA certification.

Dr. Gregory Williams has served as our Chief Operating Officer since June 2018. Dr. Williams has over 30 years of pharmaceutical and biotechnology experience leading regulatory affairs, compliance, quality, manufacturing, commercial and product development programs. Dr. Williams is an accomplished scientist and seasoned pharmaceutical executive with a solid track record of successful achievement of business, medical, scientific and regulatory goals. His focus is on driving innovation to improve patient care by developing and commercializing new products to address unmet patient and health system needs. While at The Medicines Company, Dr. Williams led development and successful approval of the antihypertensive drug, Cleviprex[®]. Dr. Williams also worked on the orphan drug programs at NPS Pharmaceuticals, Inc. Most recently, while at Radius Health, Inc., Dr. Williams led the successful first cycle approval by the FDA of TYMLOS[™]. Dr. Williams brings established relationships with global health authority reviewers, having led the development and/or initial and expanded approvals of several global brands, as well as expertise across a wide range of therapeutic categories, molecule types, dosage forms and technologies. Dr. Williams holds a Ph.D. in Biopharmaceutics from Rutgers University and a M.B.A. from Cornell University.

Mr. David Snow has served as our Chief Business Officer since June 2018. Mr. Snow has over 25 years of experience in the global pharmaceutical industry developing global brands, leading large commercial organizations across major markets, driving transformation and growth, and delivering a successful track record of business development. In his career, Mr. Snow was President of AstraZeneca’s China business and during his tenure, AZ China experienced rapid growth becoming the company’s second largest market with 2014 sales of \$2.2 billion. In his fifteen years with AstraZeneca, he also held key U.S. leadership roles including running a \$10 billion U.S. business unit across several therapeutic areas, including oncology. From 2015 until 2017, Mr. Snow was the Chief Commercial Officer of Radius Health, Inc. and was responsible for building Radius’ commercial organization and subsequently, the successful launch of TYMLOS[™]. Prior to joining AZ, Mr. Snow held global and U.S. commercial leadership roles at several other companies including Bristol-Myers Squibb. He served on the RDPAC industry association board in China for several years and was a director of Advanced Health Media, a privately held healthcare services firm in 2017 until its sale to IQVIA later that same year. Mr. Snow received his B.S. in Business Administration from Auburn University, and a M.B.A. from New York University — Leonard N. Stern School of Business.

Mr. Neil S. Belloff has served as our Executive Vice President, General Counsel and Corporate Secretary since June 2018. Prior to joining Eloxx, Mr. Belloff was Senior Corporate Counsel at Celgene Corporation, a global biopharmaceutical company, since 2011. Mr. Belloff also served for seven years as Executive Vice President and U.S. Corporate and Securities Counsel at Deutsche Telekom, one of the largest telecommunications companies in the world. Mr. Belloff has more than 30 years of legal and business experience, with significant management and project development responsibilities in business critical areas including risk assessment, strategic planning, regulatory compliance, mergers and acquisitions, capital formation, privacy, pharmaceutical development, and securities matters. In addition to his corporate governance and compliance expertise, Mr. Belloff served as a Senior Attorney-Advisor in the Division of Corporation Finance at the U.S. Securities and Exchange Commission in Washington, D.C. Mr. Belloff holds a J.D. from Quinnipiac University School of Law, a M.A. from New York University, a B.A. from Queens College of the City University of New York, and completed post-graduate studies in the LL.M. Program in Securities Regulation at Georgetown University Law Center.

**SECURITY OWNERSHIP OF
CERTAIN BENEFICIAL OWNERS AND MANAGEMENT**

The following table sets forth certain information relating to the beneficial ownership of our common stock as of April 1, 2019, by (a) each person, or group of affiliated persons, known by us to beneficially own more than five percent (5%) of the outstanding shares of our common stock, (b) each of our directors, (c) each of our named executive officers, and (d) all directors and executive officers as a group.

The number of shares beneficially owned by each entity, person, director or executive officer is determined in accordance with the rules of the SEC, and the information is not necessarily indicative of beneficial ownership for any other purpose. Under such rules, beneficial ownership includes any shares over which the individual has sole or shared voting power or dispositive power as well as any shares that the individual has the right to acquire within 60 days of April 1, 2019 through the exercise of any stock option, warrants or other rights. Restricted stock units (RSUs) that will vest within 60 days of April 1, 2019 are deemed outstanding and reflected in the Shares of Common Stock Beneficially Owned column and for computing the ownership percentage of the stockholder holding such securities, but are not deemed outstanding for computing the ownership percentage of any other stockholder. Vested RSUs are included as common stock. Shares underlying Performance Stock Units (PSUs) are not deemed outstanding until earned and are not included in the table. Except as otherwise indicated, and subject to applicable community property laws, the persons named in the table have sole voting and dispositive power with respect to all shares of common stock held by that person.

The percentage of shares beneficially owned is computed on the basis of 35,945,608 shares of our common stock outstanding as of April 1, 2019. Shares of common stock that a person has the right to acquire within 60 days of April 1, 2019, are deemed outstanding for purposes of computing the percentage ownership of the person holding such rights, but are not deemed outstanding for purposes of computing the percentage ownership of any other person, except with respect to the percentage ownership of all directors and executive officers as a group. Unless otherwise noted below, the address of the persons listed on the table is c/o Eloxx Pharmaceuticals, Inc., 950 Winter Street, Waltham, MA 02451.

| Greater than 5% Stockholders | Shares of Common Stock Beneficially Owned | Percentage of Common Stock Beneficially Owned |
|---|--|--|
| Pontifax Funds ⁽¹⁾ | 9,139,671 | 25.4% |
| Technion Funds ⁽²⁾ | 1,973,140 | 5.5% |
| Catalyst Funds ⁽³⁾ | 1,836,441 | 5.1% |
| Menora Mivtachim Holdings Ltd. ⁽⁴⁾ | 1,882,726 | 5.2% |
| LSP V Coöperatieve U.A. ⁽⁵⁾ | 2,953,673 | 8.2% |
| Global Health Science Fund I, L.P. ⁽⁶⁾ | 1,658,543 | 4.6% |
| Directors and Named Executive Officers | | |
| Robert Ward ⁽⁷⁾ | 419,883 | 1.2% |
| Zafira Avnur, Ph.D. ⁽⁸⁾ | 2,263 | * |
| Tomer Kariv ⁽⁹⁾ | 9,139,671 | 25.4% |
| Martijn Kleijwegt ⁽¹⁰⁾ | 2,953,673 | 8.2% |
| Dr. Silvia Noiman, Ph.D., MBA ⁽¹¹⁾ | 796,860 | 2.2% |
| Ran Nussbaum ⁽¹²⁾ | 9,139,671 | 25.4% |
| Steven D. Rubin ⁽¹³⁾ | 59,120 | * |
| Jasbir Seehra, Ph.D. | 0 | * |
| Gadi Veinrib | 0 | * |
| Gregory Weaver ⁽¹⁴⁾ | 129,270 | * |
| Gregory Williams | 0 | * |
| David Snow | 0 | * |
| All directors and executive officers as a group (12 persons) (1) – (15) | 13,500,740 | 36.8% |

* Represents beneficial ownership of less than 1%.

- (1) Based on a Schedule 13D filed with the SEC on January 2, 2018 and subsequent Form 4 filings, Pontifax Management III G.P. (2011) Ltd. (“Management III”) has shared voting and dispositive power with respect to 7,188,186 shares of common stock; Pontifax Management Fund III L.P. has shared voting and dispositive power with respect to 7,188,186 shares of common stock; Pontifax (Cayman) III, L.P. has shared voting and dispositive power with respect to 2,287,937 shares of common stock; Pontifax (Israel) III, L.P. has shared voting and dispositive power with respect to 4,900,249 shares of common stock; Pontifax Management 4 G.P. (2015) Ltd. (“Management 4”) has shared voting and dispositive power with respect to 1,951,485 shares of common stock; Pontifax IV GP L.P. has shared voting and dispositive power with respect to 1,951,485 shares of common stock; Pontifax (Cayman) IV L.P. has shared voting and dispositive power with respect to 468,585 shares of common stock; Pontifax (Israel) IV, L.P. has shared voting and dispositive power with respect to 962,504 shares of common stock; and Pontifax (China) IV L.P. has shared voting and dispositive power with respect to 520,396 shares of common stock. The managing partners of Management III and Management 4 are Tomer Kariv and Ran Nussbaum. The address of the entities affiliated with Pontifax Funds is 14 Shenkar St., Herzeliya, Israel.
- (2) Based on a Schedule 13G filed with the SEC on December 29, 2017, Technion Investment Opportunities Fund L.P. has shared voting and dispositive control with respect to 694,423 shares of common stock and Technion Research and Development Foundation Ltd. has sole voting and dispositive power with respect to 1,278,717 shares of common stock and shared voting and dispositive power with respect to 694,423 shares of common stock. Technion Research and Development Foundation Ltd. is the general partner of Technion Investment Opportunities Fund L.P. The address of the entities affiliated with Technion Funds is Israel Institute of Technology, Technion City, Haifa, 320003 Israel.
- (3) Based on a Schedule 13G/A filed with the SEC on February 6, 2019, Catalyst CEL Management Ltd. has shared voting and dispositive power with respect to 1,836,441 shares of common stock; CEL Catalyst China Israel General Partner Limited has shared voting and dispositive power with respect to 1,836,441 shares of common stock; Catalyst CEL Fund L.P. has shared voting and dispositive power with respect to 229,920 shares of common stock; and CEL CATALYST China Israel Fund L.P. has shared voting and dispositive power with respect to 1,606,521 shares of common stock. The address of the entities affiliated with Catalyst Funds is 28 HaArbaa St., Tel-Aviv 64731 Israel.
- (4) Based on a Schedule 13G filed with the SEC on February 11, 2019, Menora Mivtachim Holdings Ltd. has shared voting and dispositive power with respect to 1,882,726 shares of common stock. The address of Menora Mivtachim Holdings Ltd. is Menora House, 23 Jabotinsky St., Ramat Gan 5251102, Israel.
- (5) Based on a Schedule 13D filed with the SEC on December 29, 2017 and subsequent Form 4 filing. Consists of 2,953,673 shares of common stock held by LSP V Coöperatieve U.A. LSP V Management B.V. is the director and manager of LSP V Coöperatieve U.A. and shares voting power and investment control over shares held by LSP V Coöperatieve U.A. The managing directors of LSP V Management B.V. are Martijn Kleijwegt, Rene Kuijten and Joachim Rothe. The address of LSP V is Johannes Vermeerplein 9, 1071 DV Amsterdam, the Netherlands.
- (6) Based on a Schedule 13G filed with the SEC on December 29, 2017. Consists of 1,658,543 shares of common stock held by Global Health Science Fund I, L.P. GHS Partnership L.P. is the general partner of Global Health Science Fund I, L.P. and shares voting power and investment control over such shares. GHS Partners Limited is the general partner of GHS Partnership L.P. and shares voting power and investment control over such shares.
- (7) Consists of 120,689 shares of common stock, 249,194 shares of common stock underlying stock options, and 50,000 shares of common stock held by a family foundation of which Mr. Ward is a trustee.
- (8) Consists of 2,263 shares of common stock held in an IRA indirectly by spouse.

- (9) Consists of 9,139,671 shares of common stock of the Pontifax Funds as to which Mr. Kariv may be deemed to share voting power and investment control in his capacity as a managing partner of Management III and Management 4. Mr. Kariv disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein.
- (10) Consists of 2,953,673 shares of common stock held by LSP V Coöperatieve U.A. as to which Mr. Kleijwegt may be deemed to share voting power and investment control in his capacity as a managing director of LSP V Management B.V. Mr. Kleijwegt disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein.
- (11) Consists of 490,789 shares of common stock, 303,223 shares of common stock underlying stock options, and 2,848 shares of common stock underlying stock options vesting within 60 days (subject to share withholding for taxes on the vesting date).
- (12) Consists of 9,139,671 shares of common stock held by the Pontifax Funds as to which Mr. Nussbaum may be deemed to share voting power and investment control in his capacity as a managing partner of Management III and Management 4. Mr. Nussbaum disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein.
- (13) Consists of vested options to purchase 59,120 shares of common stock.
- (14) Consists of 4,500 shares of common stock and vested options to purchase 124,770 shares of common stock.
- (15) Each of Mr. Kariv and Mr. Nussbaum's report the shares held by the Pontifax Funds due to their potential deemed shared voting and dispositive power over those shares. The shares held by the Pontifax Funds are only included once in the number reported in this row.

SECTION 16(A) BENEFICIAL OWNERSHIP REPORTING COMPLIANCE

Section 16(a) of the Exchange Act requires our executive officers, directors and persons who own more than ten percent of a registered class of our equity securities, to file with the SEC initial reports of ownership and reports of changes in ownership of our common stock and other equity securities. Officers, directors and greater than ten percent stockholders are required by SEC regulation to furnish us with copies of all Section 16(a) forms they file.

To our knowledge, based solely on a review of the copies of such reports furnished to us and written representations that no other reports were required, during the fiscal year ended December 31, 2018, all Section 16(a) filing requirements applicable to our officers, directors and greater than ten percent beneficial owners were complied with, except for the inadvertent late filing of a Form 4 report of Dr. Silvia Noiman with respect to the exercise of stock options on June 6, 2018.

EXECUTIVE COMPENSATION

Summary Compensation Table

The following table sets forth information regarding compensation awarded to, earned by or paid to our principal executive officer, principal financial officer, and the next two most highly compensated executive officers during the years ended December 31, 2018 and 2017 (our “named executive officers”).

Summary Compensation Table

| Name and Principal Position ⁽¹⁾ | Year | Salary (\$) | Bonus (\$) | Stock Awards (\$) ⁽²⁾ | Option Awards (\$) ⁽³⁾ | Non-Equity Incentive Plan Compensation (\$) ⁽⁴⁾ | All Other Compensation (\$) ⁽⁵⁾ | Total (\$) |
|--|------|-------------|-----------------------|----------------------------------|-----------------------------------|--|--|------------|
| Robert E. Ward | 2018 | 452,885 | — | — | — | 425,000 ⁽⁶⁾ | 25,759 | 903,644 |
| Chief Executive Officer | 2017 | 6,923 | — | 5,305,696 | 3,428,806 | — | — | 8,741,425 |
| Gregory Weaver | 2018 | 347,212 | — | — | — | 138,000 | 37,009 | 522,221 |
| Chief Financial Officer | 2017 | 2,836 | — | — | 1,569,084 | — | 19 | 1,571,939 |
| Gregory Williams ⁽⁷⁾ | 2018 | 244,712 | 50,000 ⁽⁸⁾ | — | 5,655,000 ⁽⁹⁾ | 78,082 | 10,487 | 6,038,281 |
| Chief Operating Officer | | | | | | | | |
| David P. Snow ⁽¹⁰⁾ | 2018 | 197,460 | — | — | 3,770,000 ⁽⁹⁾ | 78,082 | 83,037 ⁽¹¹⁾ | 4,128,579 |
| Chief Business Officer | | | | | | | | |

- (1) Reflects the position held by the named executive officer at the end of 2018.
- (2) Amounts reflect the aggregate grant date fair value of restricted stock unit granted during the relevant fiscal year calculated in accordance with FASB ASC Topic 718. Assumptions used in the calculation of these amounts are included in Note 11 to our audited financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2018. These amounts do not reflect the actual economic value that may be realized by the named executive officer upon the vesting of the restricted stock unit or the sale of the common stock such restricted stock unit. The grant date fair value was not adjusted to take into account any estimated forfeitures.
- (3) Amounts reflect the aggregate grant date fair value of option awards granted during the relevant fiscal year calculated in accordance with FASB ASC Topic 718. Assumptions used in the calculation of these amounts are included in Note 11 to our audited financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2018. These amounts do not reflect the actual economic value that may be realized by the named executive officer upon the vesting of the stock options, the exercise of the stock options, or the sale of the common stock underlying such stock options. The grant date fair value was not adjusted to take into account any estimated forfeitures.
- (4) Amounts represent amounts payable upon the achievement of pre-established annual corporate goals. The Company’s Compensation Committee determined to pay Mr. Ward, Mr. Weaver, Dr. Williams, and Mr. Snow annual cash incentive plan awards equal to 100% of such named executive officer’s target award for performance in 2018.
- (5) Amounts shown in the “All Other Compensation” column include the Company’s contributions to a tax qualified 401(k) plan and insurance premiums for life insurance and medical payments that were paid consistent with the Company’s policies and available to all employees.
- (6) Amount includes a transaction bonus totaling \$200,000 made pursuant to the terms of Mr. Ward’s employment agreement.
- (7) Dr. Williams was appointed Chief Operating Officer, effective June 25, 2018, and received a pro-rated amount of his annual salary of \$375,000 and his annual cash incentive plan award for his service in 2018.
- (8) Amounts represent sign-on bonus payments paid in 2018 pursuant to the terms of Mr. Williams’ employment agreement.

- (9) Amount includes an equity award received pursuant to the terms of their respective employment agreement.
- (10) Mr. Snow was appointed Chief Business Officer, effective June 25, 2018, and received a pro-rated amount of his annual salary of \$375,000 and his annual cash incentive plan award for his service in 2018.
- (11) Amount includes consulting fees of \$61,355 paid prior to Mr. Snow's appointment as Chief Business Officer on June 25, 2018.

Outstanding Equity Awards at Fiscal Year-End

The following table shows the equity awards held by our named executive officers, as of December 31, 2018.

| Name | Grant Date | Option Awards | | | | Stock Awards | | | Equity Incentive Plan Awards: Number of Unearned Shares, Units or Other Rights That Have Not Vested (#) | Equity Incentive Plan Awards: Market or Value of Unearned Shares, Units or Other Rights That Have Not Vested (\$) ⁽¹⁾ |
|-------------------------|------------|---|---|---|----------------------------|------------------------|---|---|---|--|
| | | Number of Securities Underlying Unexercised Options (#) Exercisable | Number of Securities Underlying Unexercised Options (#) Unexercisable | Equity Incentive Plan Awards: Number of Securities Underlying Unexercised Options (#) | Option Exercise Price (\$) | Option Expiration Date | Number of Shares or Units of Stock that Have Not Vested (#) | Market Value of Units of Stock That Have Not Vested (\$) ⁽¹⁾ | | |
| Robert E. Ward | 12/26/2017 | 213,595 | 427,190 | 22,427 | 8.00 | 12/26/2027 | 427,190 | 5,130,552 | 22,427 | 269,348 |
| Gregory Weaver | 12/19/2017 | 99,816 | 299,450 | — | 6.00 | 12/19/2027 | — | — | — | — |
| Gregory Williams, Ph.D. | 6/25/2018 | — | 300,000 | — | 18.85 | 6/25/2028 | — | — | — | — |
| David P. Snow | 6/25/2018 | — | 200,000 | — | 18.85 | 6/25/2028 | — | — | — | — |

- (1) The market value of the stock awards is determined by multiplying the number of shares subject to such award times \$12.01, which is the closing price of the Company's common stock on December 31, 2018, the last business day of 2018.

Employment Arrangements

The initial terms and conditions of employment for each of our named executive officers are set forth in either employee offer letters or employment agreements. Each of our named executive officers is an at-will employee, subject to the terms of applicable offer letters or employment agreements. We have entered into agreements with each of our named executive officers setting forth the terms of their employment with us. Below is a description of the material terms of each of the agreements.

Employment Agreement with Robert E. Ward

Pursuant to his employment agreement with us effective as of December 26, 2017, Mr. Ward's annual base salary of \$450,000 was increased to \$500,000 effective January 1, 2019 following the successful consummation of the Company's capital raise in April 2018. Mr. Ward is also eligible to earn an annual cash bonus, with a target of 50% of his annual base salary, subject to the achievement of performance milestones determined by our Board. Mr. Ward is also eligible to earn transaction bonuses as follows: (i) a bonus of \$200,000 following the consummation of a first transaction between the Company and a strategic pharmaceutical company, and (ii) a bonus of \$200,000 following the successful consummation of a fundraising by the Company which exceeds \$10 million, in each case, as determined by our Board in its reasonable discretion. Mr. Ward is also eligible to participate in the Company's benefit programs as made generally available to other senior executives and is eligible to receive annual equity grants, in the discretion of our Board or any committee thereof.

In connection with his hire, Mr. Ward's employment agreement also provides for him to be granted certain inducement awards, subject to performance- and/or time-based vesting conditions, as applicable. These awards are described further below under "Inducement Grants Made to Mr. Ward."

Upon termination of Mr. Ward's employment by the Company without Cause or by Mr. Ward for Good Reason (each such term as defined in the employment agreement), Mr. Ward will be entitled to (1) continued payments of his base salary for 12 months, (2) payments for COBRA coverage at applicable rates for 12 months, (3) any annual bonus earned but unpaid for the year immediately prior to his termination date, (4) a pro-rata portion of the annual bonus to which he would otherwise have been entitled for the year of termination, based on achievement of performance goals as determined by our Board in good faith, (5) accelerated vesting of 25% his unvested shares subject to all stock options, restricted stock units and other equity awards, and (6) an additional nine months in which to exercise any vested stock options (but not to exceed the original term of the award). If Mr. Ward's employment is terminated by the Company without Cause or by Mr. Ward for Good Reason within 24 months following (a) any consolidation or merger of the Company in which the Company is not the continuing or surviving corporation, other than a transaction in which the holders of common stock (on an as converted basis) immediately prior thereto have the same, or substantially similar, proportionate ownership of common stock (on an as converted basis) of the surviving corporation immediately after the transaction and a transaction in which the holders of common stock (on an as converted basis) immediately prior thereto own a majority of the voting power of the surviving corporation; or (b) any sale, exchange or other transfer (in one transaction or a series of related transactions) of all or substantially all the assets or all or substantially all of the outstanding and issued shares of the Company (a "Significant Event"), he will be entitled to (1) continued payments of his base salary for 18 months, (2) payments for COBRA coverage at applicable rates for 18 months, (3) any annual bonus earned but unpaid for the year immediately prior to his termination date, (4) payment of his full annual bonus to which he would otherwise have been entitled for the year of termination, (5) accelerated vesting of all of his unvested shares subject to all stock options, restricted stock units and other equity awards, and (6) an additional 12 months in which to exercise any vested stock options (not to exceed the original term of the award). Mr. Ward is also eligible for certain tax gross up benefits in the event that payments to him under the employment agreement are subject to Section 280G and 4999 of the Internal Revenue Code.

If Mr. Ward's employment is terminated by the Company for Cause or by Mr. Ward without good reason, the Company shall pay Mr. Ward (1) any unpaid base salary through the date of termination and any accrued vacation; (2) reimbursement for any unreimbursed expenses owed to Mr. Ward; and (iii) all other payments and benefits to which Mr. Ward is entitled under the terms of any applicable compensation arrangement or benefit, equity or other plan or program, including but not limited to any applicable insurance benefits, payable on the next regularly scheduled Company payroll date following the date of termination or earlier if required by applicable law only, and shall not be obligated to make any additional payments to Mr. Ward.

Inducement Grants Made to Mr. Ward

Pursuant to his employment agreement, on December 26, 2017, Mr. Ward received the following inducement awards pursuant to an inducement plan approved by our Board: 22,427 stock options and 22,427 restricted stock units awards, both of which will become earned and will vest upon the date that marks the first successful completion of a Phase-2b study with respect to any indication, subject to Mr. Ward's continued service with us through such date; and 640,785 stock options and 640,785 restricted stock units awards, both of which will vest one-third on the first anniversary of the date of grant, and one-twelfth at the end of each quarter thereafter, subject to Mr. Ward's continued service through the applicable vesting dates. Mr. Ward's time-based awards may also be accelerated upon the achievement of certain Company performance milestones. The stock options granted to Mr. Ward have an exercise price equal to \$8.00, which was the closing price of our common stock on the date of grant.

Employment Agreement with Gregory Weaver

On March 12, 2018, we entered an employment agreement with Mr. Weaver, pursuant to which he is entitled to receive a base salary at an annual rate of \$345,000 and is eligible to earn an annual performance-based bonus of up to 40% of his base salary at the discretion of the Board or any committee thereof.

Upon the termination of Mr. Weaver's employment agreement by the Company without Cause or a resignation by Mr. Weaver for Good Reason (each such term as defined in the employment agreement), Mr. Weaver will be entitled to (1) continued payments of his base salary for 12 months, (2) payments for COBRA coverage at applicable rates for 12 months, (3) any Annual Bonus (as defined in the employment agreement) earned but unpaid for the year immediately prior to the date his employment terminated, (4) a pro-rata portion of the Target Bonus (as defined in the employment agreement) based the number of days that Mr. Weaver was employed during such performance year or achievement of performance goals as determined by the Board in good faith, depending on whether performance goals were established as of the date of termination, (5) accelerated vesting of an additional 25% of the total shares subject to all of his stock options, restricted stock units and other equity awards, and (6) a post-termination stock option exercise period for the shorter of 9 months or for the remaining term of the award.

If Mr. Weaver's employment is terminated by the Company without Cause or Mr. Weaver resigns for Good Reason within 24 months following a Significant Event, he will be entitled to (1) continued payments of his base salary for 18 months, (2) payments for COBRA coverage at applicable rates for 18 months, (3) any Annual Bonus (as defined in the employment agreement) earned but unpaid for the year immediately prior to the date his employment terminated, (4) the full Target Bonus (as defined in the Weaver Agreement) for the performance year in which his employment terminated, (5) accelerated vesting of all of the unvested shares subject to all of his stock options, restricted stock units and other equity awards, and (6) a post-termination stock option exercise period for the shorter of 12 months or for the remaining term of the award.

If Mr. Weaver's employment is terminated by the Company for Cause or by Mr. Weaver without good reason, the Company shall pay Mr. Weaver (1) any unpaid base salary through the date of termination and any accrued vacation; (2) reimbursement for any unreimbursed expenses owed to Mr. Weaver; and (iii) all other payments and benefits to which Mr. Weaver is entitled under the terms of any applicable compensation arrangement or benefit, equity or other plan or program, including but not limited to any applicable insurance benefits, payable on the next regularly scheduled Company payroll date following the date of termination or earlier if required by applicable law only, and shall not be obligated to make any additional payments.

Employment Agreement with Gregory Williams

The Company entered into an employment agreement with Mr. Williams effective as of June 25, 2018 wherein he agreed to serve as the Company's Chief Operating Officer reporting to the Chief Executive Officer of the Company. Pursuant to the agreement, Mr. Williams is entitled to an annual base salary of \$375,000 and is also eligible to earn an annual cash bonus, with a target of 40% of his annual base salary, based upon the achievement of performance milestones determined by our Board. Mr. Williams' agreement also provided for a signing bonus of \$50,000 and the grant of stock options to purchase 300,000 shares of common stock at an exercise price of \$18.85 (the closing market price on the date of grant). The stock options were issued under the 2018 Plan and will vest and become exercisable with respect to 1/3 of the shares on the first anniversary of the effective date of the Agreement and with respect to an additional 1/12 of the shares on each quarterly anniversary of the grant date thereafter, subject to continued employment with the Company through each such date. In addition, the vesting of the stock options granted, and any future stock options, restricted stock units or other equity compensation awards will be accelerated and become fully vested and exercisable or payable, as the case may be, upon the occurrence of a Significant Event (as defined in the 2018 Plan). Mr. Williams will be entitled to participate in all employee benefit plans that the Company generally makes available to its senior executives (other than severance plans) from time to time.

Upon the termination of Mr. Williams' employment agreement by the Company without Cause or a resignation by Mr. Williams for Good Reason (each such term as defined in the employment agreement), Mr. Williams will be entitled to (1) continued payments of his base salary for 12 months, (2) payments for COBRA coverage at applicable rates for 12 months, (3) any Annual Bonus (as defined in the employment agreement) earned but unpaid for the year immediately prior to the date his employment terminated, (4) a pro-rata portion of the Target Bonus (as defined in the employment agreement) based the number of days that Mr. Williams was employed during such performance year or achievement of performance goals as determined by the Board in good faith, depending on whether performance goals were established as of the date of termination, and (5) pursuant to the 2018 Plan accelerated vesting of an additional 25% of the total shares subject to stock options, restricted stock units and other equity awards, and a post-termination stock option exercise period for the shorter of 9 months or for the remaining term of the award.

If Mr. Williams' employment is terminated by the Company without Cause or Mr. Williams resigns for Good Reason within 24 months following a Significant Event, he will be entitled to (1) continued payments of his base salary for 18 months, (2) payments for COBRA coverage at applicable rates for 18 months, (3) any Annual Bonus (as defined in the employment agreement) earned but unpaid for the year immediately prior to the date his employment terminated, (4) the full Target Bonus (as defined in the agreement) for the performance year in which his employment terminated, and (5) pursuant to the 2018 Plan, accelerated vesting of all of the unvested shares subject to stock options, restricted stock units and other equity awards, and a post-termination stock option exercise period for the shorter of 12 months or for the remaining term of the award.

If Mr. Williams' employment is terminated by the Company for Cause or by Mr. Williams without good reason, the Company shall pay Mr. Williams (1) any unpaid base salary through the date of termination and any accrued vacation; (2) reimbursement for any unreimbursed expenses owed to Mr. Williams; and (iii) all other payments and benefits to which Mr. Williams is entitled under the terms of any applicable compensation arrangement or benefit, equity or other plan or program, including but not limited to any applicable insurance benefits, payable on the next regularly scheduled Company payroll date following the date of termination or earlier if required by applicable law only, and shall not be obligated to make any additional payments.

Employment Agreement with David P. Snow

The Company entered into an employment agreement with Mr. Snow effective as of June 25, 2018 wherein he agreed to serve as the Company's Chief Business Officer reporting to the Chief Executive Officer of the Company. Pursuant to the agreement, Mr. Snow is entitled to an annual base salary of \$375,000 and is also eligible to earn an annual cash bonus, with a target of 40% of his annual base salary, based upon the achievement of performance milestones determined by our Board. Mr. Snow's agreement also provided for the grant of stock options to purchase 200,000 shares of common stock at an exercise price of \$18.85 (the closing market price on the date of grant). The stock options were issued under the 2018 Plan and will vest and become exercisable with respect to 1/3 of the shares on the first anniversary of the effective date of the Agreement and with respect to an additional 1/12 of the shares on each quarterly anniversary of the grant date thereafter, subject to continued employment with the Company through each such date. In addition, the vesting of the stock options granted, and any future stock options, restricted stock units or other equity compensation awards will be accelerated and become fully vested and exercisable or payable, as the case may be, upon the occurrence of a Significant Event (as defined in the 2018 Plan). Mr. Snow will be entitled to participate in all employee benefit plans that the Company generally makes available to its senior executives (other than severance plans) from time to time.

Upon the termination of Mr. Snow's employment agreement by the Company without Cause or a resignation by Mr. Snow for Good Reason (each such term as defined in the employment agreement), Mr. Snow will be entitled to (1) continued payments of his base salary for 12 months, (2) payments for COBRA coverage at applicable rates for 12 months, (3) any Annual Bonus (as defined in the employment agreement) earned but unpaid for the year immediately prior to the date his employment terminated, (4) a pro-rata portion of the Target Bonus (as defined in the employment agreement) based the number of days that Mr. Snow was employed during such performance year or achievement of performance goals as determined by the Board in good faith, depending on whether performance goals were established as of the

date of termination, and (5) pursuant to the 2018 Plan accelerated vesting of an additional 25% of the total shares subject to stock options, restricted stock units and other equity awards, and a post-termination stock option exercise period for the shorter of 9 months or for the remaining term of the award.

If Mr. Snow's employment is terminated by the Company without Cause or Mr. Snow resigns for Good Reason within 24 months following a Significant Event, he will be entitled to (1) continued payments of his base salary for 18 months, (2) payments for COBRA coverage at applicable rates for 18 months, (3) any Annual Bonus (as defined in the employment agreement) earned but unpaid for the year immediately prior to the date his employment terminated, (4) the full Target Bonus (as defined in the agreement) for the performance year in which his employment terminated, and (5) pursuant to the 2018 Plan, accelerated vesting of all of the unvested shares subject to stock options, restricted stock units and other equity awards, and a post-termination stock option exercise period for the shorter of 12 months or for the remaining term of the award.

If Mr. Snow's employment is terminated by the Company for Cause or by Mr. Snow without good reason, the Company shall pay Mr. Snow (1) any unpaid base salary through the date of termination and any accrued vacation; (2) reimbursement for any unreimbursed expenses owed to Mr. Snow; and (iii) all other payments and benefits to which Mr. Snow is entitled under the terms of any applicable compensation arrangement or benefit, equity or other plan or program, including but not limited to any applicable insurance benefits, payable on the next regularly scheduled Company payroll date following the date of termination or earlier if required by applicable law only, and shall not be obligated to make any additional payments.

Executive Benefits and Perquisites

All of our full-time employees, including our named executive officers, are eligible to participate in our health and welfare plans, including medical, dental and vision benefits. Our named executive officers participate in these plans on the same basis as other eligible employees. The value of these benefits is included above in the "All Other Compensation" column of the summary compensation table.

Retirement Plans

We maintain a 401(k) plan in which U.S. employees of the Company who meet certain eligibility requirements, including our named executive officers, are eligible to participate. The 401(k) plan is a U.S. tax-qualified defined contribution retirement plan under which eligible employees may defer their eligible compensation, subject to the limits imposed by the U.S. Internal Revenue Code, and the Company may, in its discretion, make a matching contribution of 100% on the first 3% of employee contributions and 50% on the employee contributions from 3% to 5%.

Elements of Our Compensation Programs for Named Executive Officers

The goal of our compensation plans and programs is to deliver appropriate, fiscally responsible compensation to named executive officers that focuses their efforts on delivering results against short- and long-term objectives, provides sustained value to stockholders and encourages the taking of responsible, appropriate and balanced risks. Accordingly, we have designed our compensation programs to include the following components:

Pay Mix

The Compensation Committee believes that compensation for our named executive officers must be a mix of variable compensation (both short- and long-term) and fixed compensation (base salary) in order to reinforce our executives' responsibility to balance short- and long-term performance while maintaining focus on delivering value for our stockholders. As such, our programs offer opportunity for higher compensation for successful performance and lower compensation in the absence of success.

Base Salary

Base salaries for our named executive officers provide a fixed rate of pay and serve as the basis for calculating targets in certain variable pay programs. Starting salaries and subsequent increases are determined based on the following factors:

- performance, experience, expected future contribution and ability to deliver value to stockholders;
- analysis of internal pay relationships; and
- market conditions and competitive positioning.

Annual Bonus

Our variable pay plan is designed to focus our named executive officers on annual goals and objectives that are established in order to contribute to the short- and long-term success of our business. The Compensation Committee reviews and approves each plan year's targets and performance metrics to ensure that they are challenging and commensurate with our short- and long-term business plan. Actual payments made are calculated based on performance in relation to the Compensation Committee approved goals.

Equity Grants

The Compensation Committee maintains that equity awards must align the interests of our named executive officers with those of our stockholders through rewarding exceptional corporate performance, stockholder returns and ensuring that decisions made in the short-term solidify a strong future for us. As such, awards granted pursuant to the 2018 Equity Incentive Plan are an essential component of our total compensation strategy. The equity pool of awards available to grant to all employees (including our named executive officers) in any given year is approved at the end of the prior year by the Compensation Committee, subject to the overall maximum amount of shares of our stock available under the 2018 Equity Incentive Plan. Equity awards may take the form of, among others, stock options, restricted stock units or performance stock units.

DIRECTOR COMPENSATION

The following table sets forth information concerning the compensation awarded to, earned by or paid our non-employee directors during fiscal year 2018.

| Name | Fees Earned or Paid in Cash (\$) | Stock Awards (\$) | Option Awards (\$)⁽¹⁾⁽²⁾ | All Other Compensation (\$) | Total (\$) |
|----------------------|---|--------------------------|--|------------------------------------|-------------------|
| Tomer Kariv | 47,500 ⁽³⁾ | | 930,800 | | 978,300 |
| Ran Nussbaum | 57,500 ⁽³⁾ | | 930,800 | | 988,300 |
| Gadi Veinrib | 47,500 | | 930,800 | | 978,300 |
| Zafira Avnur, Ph.D. | 57,500 ⁽⁴⁾ | | 930,800 | | 988,300 |
| Martijn Kleijwegt | 62,500 ⁽⁵⁾ | | 930,800 | | 993,300 |
| Steven D. Rubin | 57,500 | | 930,800 | | 988,300 |
| Sylvia Noiman, Ph.D. | 40,000 | 3,290,122 ⁽⁶⁾ | 4,220,922 ⁽⁶⁾ | | 7,551,044 |
| Jasbir Seehra Ph.D. | 55,000 | | 930,800 | | 985,800 |

- (1) Amounts reflect the aggregate grant date fair value of option awards granted during the relevant fiscal year calculated in accordance with FASB ASC Topic 718. Assumptions used in the calculation of these amounts are included in Note 11 to our audited financial statements included in our Annual Report on Form 10-K for the year ended December 31, 2018. These amounts do not reflect the actual economic value that may be realized by the named executive officer upon the vesting of the restricted stock unit or the sale of the common stock such restricted stock unit. The grant date fair value was not adjusted to take into account any estimated forfeitures. These awards had a grant date fair value of \$23.27 per share.
- (2) In June 2018, each non-employee director received an option award grant of 40,000 shares upon shareholder approval of the 2018 Incentive Equity Plan. The option awards vest over a two-year period from the date of grant.
- (3) Payments were directed to the Pontifax Funds as to which Mr. Kariv and Mr. Nussbaum may be deemed to share voting power and investment control in their capacity as managing partners of the general partners of the Pontifax Funds.
- (4) Payment was made to Global Health Science Fund which is a portfolio company of Quark Venture Inc. where Dr. Avnur serves as Chief Scientific Officer.
- (5) Payments were directed to Life Science Partners V as to which Mr. Kleijwegt may be deemed to share voting power and investment control in his capacity as managing partner of LSP V Management B.V.
- (6) Dr. Noiman resigned as the Company's Chief Executive Officer on December 26, 2017. In June 2018, upon stockholder approval of the 2018 Incentive Equity Plan, and in accordance with an agreement with the Company, Dr. Noiman received a grant of 141,389 restricted stock units, which vested immediately, and options to purchase 141,389 shares of common stock of the Company, in conjunction with her service as Chief Executive Officer. In addition, Dr. Noiman received options to purchase 40,000 shares of common stock of the Company for services as a director. The option awards vest over a two-year period from the date of grant. These awards had a grant date fair value of \$23.27 per share.

The following sets forth the cash and equity compensation to be paid to our non-employee directors, in the year beginning immediately following the 2019 Annual Meeting, for service on our Board or Committees thereof.

Cash Compensation

| Description | Annual Fee (S) | |
|---|---------------------------|---------------|
| | Chair | Member |
| Board of Directors | | 40,000 |
| Audit Committee | 15,000 | 7,500 |
| Compensation Committee | 10,000 | 7,500 |
| Nominating and Corporate Governance Committee | 10,000 | 7,500 |
| Strategic Finance Committee | 10,000 | 7,500 |

Equity Compensation

Each non-employee director will receive an equity grant of 40,000 stock options upon initial election to the Board and annual equity grants of 20,000 stock options upon each re-election to the Board. The equity will be granted upon election or re-election at each annual meeting, with an exercise price equal to the closing stock price on the grant date. The equity will vest as to 50% of the stock options on the first anniversary of the grant date and the remainder in twelve (12) monthly installments thereafter (an aggregate of two-year vesting).

EQUITY COMPENSATION PLAN INFORMATION

The following table provides certain information with respect to all of our equity compensation plans in effect as of December 31, 2018.

| Plan Category | Number of Securities to be Issued Upon Exercise of Outstanding Options, Warrants and Rights (a) | Weighted-average Exercise Price of Outstanding Options, Warrants and Rights (b) | Number of Securities Remaining Available for Issuance under Equity Compensation Plans (Excluding Securities Reflected in Column (a)) (c) |
|--|---|---|--|
| Equity compensation plans approved by security holders | 2,634,038 | 14.62 | 3,519,438 ⁽¹⁾ |
| Equity compensation plans not approved by security holders | 1,529,070 ⁽²⁾ | | — |
| Total | 4,163,108 | | 3,519,438 |

(1) On January 1 of each calendar year the share reserve will automatically increase by 5% of the fully-diluted equity outstanding on the immediately preceding December 31, up to an annual maximum of 10,000,000 shares of common stock available for future issuance. An additional 1,793,006 shares were added on January 1, 2019.

(2) Represents warrants to purchase 347,241 shares of common stock with a weighted-average exercise price of \$3.77 per share, along with time-based restricted stock units for 427,190 shares of common stock, 22,427 performance-based restricted stock units, 709,785 time-vesting options to purchase our common stock with an exercise price equal to \$7.87 per share and 22,427 performance-based options to purchase our common stock with an exercise price equal to \$8.00 per share.

TRANSACTIONS WITH RELATED PERSONS

Related Person Transactions Policy and Procedures

We adopted a related person transaction policy that sets forth our procedures for the identification, review, consideration and approval or ratification 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, were or will have a material interest in which the amount involves exceeds the lesser of \$120,000 or one percent of the average of our assets for the last two completed fiscal years. Transactions involving compensation for services provided to us as an employee or director are not covered by this policy. A related person is any executive officer, director or beneficial owner of more than 5% of any class of our voting securities, including any of their immediate family members and any entity owned or controlled by such persons.

Under the policy, if a transaction has been identified as a related person transaction, including any transaction that was not a related person transaction when originally consummated or any transaction that was not initially identified as a related person transaction prior to consummation, our management must present information regarding the related person transaction to our Audit Committee, or, if Audit Committee approval would be inappropriate, to another independent body of our Board, for review, consideration and approval or ratification. The presentation must include a description of, among other things, the material facts, the interests, direct and indirect, of the related persons, the benefits to us of the transaction and whether the transaction is on terms that are comparable to the terms available to or from, as the case may be, an unrelated third party or to or from employees generally. Under the policy, we collect information that we deem reasonably necessary from each director, executive officer and, to the extent feasible, significant stockholder to enable us to identify any existing or potential related person transactions and to effectuate the terms of the policy.

In considering related person transactions, the Audit Committee, or other independent body of our Board, takes into account the relevant available facts and circumstances including, but not limited to (a) the risks, costs and benefits to us, (b) 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, (c) the availability of other sources for comparable services or products and (d) the terms available to or from, as the case may be, unrelated third parties or to or from employees generally.

The policy requires that, in determining whether to approve, ratify or reject a related person transaction, our Audit Committee, or other independent body of our Board, must consider, in light of known circumstances, whether the transaction is in, or is not inconsistent with, our best interests and those of our stockholders, as our Audit Committee, or other independent body of our Board, determines in the good faith exercise of its discretion.

Certain Related Person Transactions

Except as described below, there have been no transactions since January 1, 2018 in which we are a participant and the amount involved exceeds the lesser of \$120,000 or one percent of the average of our assets for the last two completed fiscal years, and in which any of our directors, executive officers or holders of more than 5% of our common stock, or any members of their immediate family, had or will have a direct or indirect material interest, other than compensation arrangements which are described under "Executive Compensation" and "Director Compensation."

Policy for Approval of Related Person Transactions

Pursuant its charter, our Audit Committee is responsible for reviewing on an ongoing basis and approving all "related party transactions" in accordance with the policy described herein. Under the Company policy, our Audit Committee is responsible for reviewing and approving related person transactions. In the course of its review and approval of related person transactions, our Audit Committee will consider the relevant facts and circumstances to decide whether to approve such transactions, including whether the transaction is on terms no less favorable than terms generally available to an unaffiliated third

party under the same or similar circumstances and the extent of the related person's interest in the transaction. Related person transactions must be approved or ratified by the Audit Committee based on full information about the proposed transaction and the related person's interest.

Director and Officer Indemnification

We entered into indemnification agreements with each of our directors and executive officers. These agreements require us to indemnify these individuals and, in certain cases, affiliates of such individuals, to the fullest extent permissible under Delaware law against liabilities that may arise by reason of their service to us or at our direction, and to advance expenses incurred as a result of any proceeding against them as to which they could be indemnified. Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, we have been informed that in the opinion of the SEC such indemnification is against public policy and is therefore unenforceable.

When are stockholder proposals and director nominations due for next year's Annual Meeting?

To be considered for inclusion in next year's proxy materials, you must submit your proposal, in writing, by December 7, 2019 to our Corporate Secretary c/o Eloxx Pharmaceuticals, Inc. at 950 Winter Street, Waltham, Massachusetts 02451, and you must comply with all applicable requirements of Rule 14a-8 promulgated under the Exchange Act.

Pursuant to our By-laws, if you wish to bring a proposal before the stockholders or nominate a director at the 2020 Annual Meeting of Stockholders, but you are not requesting that your proposal or nomination be included in next year's proxy materials, you must notify our Corporate Secretary, in writing, not later than the close of business on February 15, 2020 nor earlier than the close of business on January 16, 2020. You are also advised to review our By-laws, which contain additional requirements about advance notice of stockholder proposals and director nominations.

DELIVERY OF DOCUMENTS TO STOCKHOLDERS SHARING AN ADDRESS

To the extent we deliver a paper copy of the proxy materials to stockholders, the SEC rules allow us to deliver a single copy of proxy materials to any household at which two or more stockholders reside, if we believe the stockholders are members of the same family.

We will promptly deliver, upon oral or written request, a separate copy of the proxy materials to any stockholder residing at the same address as another stockholder and currently receiving only one copy of the proxy materials who wishes to receive his or her own copy. Requests should be directed to our Corporate Secretary by phone at (781) 577-5300 or by mail to Eloxx Pharmaceuticals, Inc. at 950 Winter Street, Waltham, Massachusetts 02451. Any stockholders residing at the same address and currently receiving separate copies of the proxy materials who wish to receive only one copy of the proxy materials for the household may request that only a single copy be sent to the household. Requests should be directed to our Corporate Secretary by phone at (781) 577-5300 or by mail to Eloxx Pharmaceuticals, Inc. at 950 Winter Street, Waltham, Massachusetts 02451.

OTHER MATTERS

Upon written request addressed to our Corporate Secretary at Eloxx Pharmaceuticals, Inc. at 950 Winter Street Waltham, Massachusetts 02451 from any person solicited herein, we will provide, at no cost, a paper copy of our fiscal 2018 Annual Report on Form 10-K filed with the SEC.

Our Board of Directors does not know of any matter to be brought before the Annual Meeting other than the matters set forth in the Notice of Annual Meeting of Stockholders and matters incident to the conduct of the Annual Meeting. If any other matter should properly come before the Annual Meeting, the persons named in the proxy card will have discretionary authority to vote all proxies with respect thereto in accordance with their best judgment.

By Order of the Board of Directors,



Neil S. Belloff
Corporate Secretary

April 5, 2019



Eloxx Pharmaceuticals

ELOXX PHARMACEUTICALS, INC.
950 WINTER STREET
WALTHAM, MA 02451



SCAN TO
VIEW MATERIALS & VOTE



VOTE BY INTERNET - www.proxyvote.com or scan the QR Barcode above
 Use the Internet to transmit your voting instructions and for electronic delivery of information up until 11:59 p.m. Eastern Time on May 28, 2019. Have your proxy card in hand when you access the web site and follow the instructions to obtain your records and to create an electronic voting instruction form.

ELECTRONIC DELIVERY OF FUTURE PROXY MATERIALS
 If you would like to reduce the costs incurred by our company in mailing proxy materials, you can consent to receiving all future proxy statements, proxy cards and annual reports electronically via e-mail or the Internet. To sign up for electronic delivery, please follow the instructions above to vote using the Internet and, when prompted, indicate that you agree to receive or access proxy materials electronically in future years.

VOTE BY PHONE - 1-800-690-6903
 Use any touch-tone telephone to transmit your voting instructions up until 11:59 p.m. Eastern Time on May 28, 2019. Have your proxy card in hand when you call and then follow the instructions.

VOTE BY MAIL
 Mark, sign and date your proxy card and return it in the postage-paid envelope we have provided or return it to Vote Processing, c/o Broadridge, 51 Mercedes Way, Edgewood, NY 11717.

TO VOTE, MARK BLOCKS BELOW IN BLUE OR BLACK INK AS FOLLOWS:

E63681-P20204

KEEP THIS PORTION FOR YOUR RECORDS
 DETACH AND RETURN THIS PORTION ONLY

THIS PROXY CARD IS VALID ONLY WHEN SIGNED AND DATED.

| | | | | | | | |
|---|-------------------|--------------------------|--------------------------|--------------------------|---|---------------------------------------|--|
| ELOXX PHARMACEUTICALS, INC. | | For All | Withhold All | For All Except | To withhold authority to vote for any individual nominee(s), mark "For All Except" and write the number(s) of the nominee(s) on the line below. | | |
| The Board of Directors recommends you vote FOR the following proposals: | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | _____ | | |
| 1. Election of Directors | | | | | | | |
| Nominees: | | | | | | | |
| 01) Robert E. Ward | 06) Ran Nussbaum | | | | | | |
| 02) Zafira Amur | 07) Steven Rubin | | | | | | |
| 03) Tomer Kariv | 08) Jasbir Seehra | | | | | | |
| 04) Martijn Kleijwegt | 09) Gadi Vennib | | | | | | |
| 05) Silvia Noiman | | | | | | | |
| 2. Ratification of the selection of Deloitte & Touche LLP as our independent registered public accounting firm for the fiscal year ending December 31, 2019. | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | For Against Abstain | |
| 3. Advisory approval of the compensation of our named executive officers, as disclosed in the Proxy Statement. | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| The Board of Directors recommends you vote 1 Year on the following proposal: | | | | | | 1 Year 2 Years 3 Years Abstain | |
| 4. Advisory indication of the preferred frequency of advisory votes on the compensation of our named executive officers. | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | |
| NOTE: The shares represented by this proxy, when properly executed, will be voted in the manner directed herein by the undersigned stockholder(s) and, in the discretion of the proxies, upon such other business as may properly come before the meeting. If no direction is made, this proxy will be voted FOR the nominees for the Board of Directors listed in Proposal 1, FOR Proposals 2 and 3, and 1 Year with respect to Proposal 4. | | | | | | | |
| Please indicate if you plan to attend this meeting. | | <input type="checkbox"/> | <input type="checkbox"/> | | | | |
| | | Yes | No | | | | |
| Please sign exactly as your name(s) appear(s) hereon. When signing as attorney, executor, administrator, or other fiduciary, please give full title as such. Joint owners should each sign personally. All holders must sign. If a corporation or partnership, please sign in full corporate or partnership name by authorized officer. | | | | | | | |
| <input type="text"/> | | <input type="text"/> | | <input type="text"/> | | <input type="text"/> | |
| Signature (PLEASE SIGN WITHIN BOX) | | Date | | Signature (Joint Owners) | | Date | |

Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting:
The Notice of Annual Meeting and Proxy Statement and Annual Report on Form 10-K are available at
www.proxyvote.com.

E63682-P20204

ELOXX PHARMACEUTICALS, INC.
Annual Meeting of Stockholders
May 29, 2019 1:00 PM
This proxy is solicited by the Board of Directors

The undersigned hereby appoints Robert E. Ward and Gregory Weaver, and each or either of them, as the true and lawful attorneys of the undersigned, with full power of substitution and revocation, and authorizes them, and each of them, to vote all the shares of common stock of Eloxx Pharmaceuticals, Inc. which the undersigned is entitled to vote at said meeting and any adjournments thereof upon the matters specified and upon such other matters as may be properly brought before the meeting or any adjournments thereof, conferring authority upon such true and lawful attorneys to vote in their discretion on such other matters as may properly come before the meeting and revoking any proxy heretofore given.

This proxy, when properly executed, will be voted in the manner directed herein. If no such direction is made, this proxy will be voted in accordance with the Board of Directors' recommendations.

Please mark, sign and return this proxy card promptly using the enclosed reply envelope.

Continued and to be signed on reverse side