

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

Eloxx 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):  
\_\_\_\_\_
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\_\_\_\_\_
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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:  
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\_\_\_\_\_
  - (3) Filing Party:  
\_\_\_\_\_
  - (4) Date Filed:  
\_\_\_\_\_



## NOTICE OF 2021 ANNUAL MEETING OF STOCKHOLDERS

April 1, 2021

### **PARTICULARS:**

#### **DATE AND TIME:**

Wednesday, May 19, 2021 at  
1:00 p.m. Eastern Time

#### **LOCATION:**

[www.virtualshareholdermeeting.com/ELOX2021](http://www.virtualshareholdermeeting.com/ELOX2021)

#### **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, 2021;
- (3) to hold an advisory vote on the compensation of our 2020 named executive officers; and
- (4) to transact such other business as may properly come before the Annual Meeting and at any adjournment or postponement thereof.

#### **RECORD DATE:**

March 25, 2021

### **HOW TO VOTE:**

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



#### **BY INTERNET**

Visit [www.proxyvote.com](http://www.proxyvote.com)  
until May 18, 2021



#### **BY PHONE**

Please call 1-800-690-6903  
by May 18, 2021



#### **BY MAIL**

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



#### **ONLINE AT THE MEETING**

You can vote online at the meeting  
[www.virtualshareholdermeeting.com/ELOX2021](http://www.virtualshareholdermeeting.com/ELOX2021)



#### **BY SMART DEVICE**

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

By order of the Board of Directors,

A handwritten signature in black ink, appearing to read "Neil S. Belloff".

Neil S. Belloff  
Chief Operating Officer, General Counsel and Corporate Secretary

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**ELOXX PHARMACEUTICALS, INC.**  
**950 Winter Street**  
**Waltham, Massachusetts 02451**  
**PROXY STATEMENT**  
**FOR THE 2021 ANNUAL MEETING OF STOCKHOLDERS**  
**To Be Held on May 19, 2021**

**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 2021 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 19, 2021, beginning at 1:00 p.m., Eastern Time, as a completely virtual meeting. You will be able to attend online, vote, and submit questions during the annual meeting by visiting [www.virtualshareholdermeeting.com/ELOX2021](http://www.virtualshareholdermeeting.com/ELOX2021).

We mailed the Notice of Internet Availability of Proxy Materials, or the Notice, on or about April 1, 2021 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**

**1. Why is Eloxx conducting a virtual Annual Meeting?**

We are pleased to adopt a virtual meeting format, which provides expanded access, improved communication, and cost savings for our stockholders and for the Company. While our Board had adopted the virtual meeting format in 2020 prior to the public health crisis relating to the coronavirus (COVID-19), we believe that offering a virtual only meeting format also helps to support the health and well-being of our partners, employees and stockholders. The virtual Annual Meeting is accessible on any internet-connected device and stockholders will be able to submit questions and comments and to vote online during the Meeting. We believe these benefits of a virtual meeting are in the best interests of our stockholders.

**2. What if there are technical difficulties during the Annual Meeting?**

In the event of a technical malfunction or other problem that disrupts the Annual Meeting, the Company may adjourn, recess, or expedite the Annual Meeting, or take such other action that the Company deems appropriate considering the circumstances. Representatives of Broadridge Financial Solutions will have technicians ready to assist you with any technical difficulties you may have accessing the virtual meeting. If you encounter any difficulties accessing the virtual Annual Meeting during the check-in or meeting time, please call the technical support number that will be posted on the virtual shareholder meeting log-in page.

**3. 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 2020.

You are invited to virtually attend the Annual Meeting to vote on the proposals described in this Proxy Statement. However, you do not need to virtually 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.

**4. I want to attend the Virtual Annual Meeting. What procedures must I follow?**

You may virtually attend the Annual Meeting by visiting [www.virtualshareholdermeeting.com/ELOX2021](http://www.virtualshareholdermeeting.com/ELOX2021), where stockholders may vote and submit questions during the Meeting. Please have your 16-Digit Control Number to join the Annual Meeting. Instructions on how to attend and participate via the Internet, including how to demonstrate proof of stock ownership, are posted at [www.proxyvote.com](http://www.proxyvote.com). If you have questions, contact the Company at (781) 577-5300.

**5. How can I submit a question at the Annual Meeting?**

Only holders of our common stock at the close of business on March 25, 2021 will be permitted to ask questions during the Annual Meeting. If you wish to submit a question, on the day of the Annual Meeting, you may log into the virtual meeting platform at [www.virtualshareholdermeeting.com/ELOX2021](http://www.virtualshareholdermeeting.com/ELOX2021), and type your question for consideration into the field provided in the web portal.

To allow us to answer questions from as many stockholders as possible, we may limit each stockholder to two (2) questions. Questions from multiple stockholders on the same topic or that are otherwise related may be grouped, summarized and answered together.

More information on submitting questions at the Annual Meeting will be posted on the internet website [www.virtualshareholdermeeting.com/ELOX2021](http://www.virtualshareholdermeeting.com/ELOX2021) in advance of the Meeting.

**6. Who can vote at the Annual Meeting?**

Only holders of our common stock at the close of business on March 25, 2021 will be entitled to vote at the Annual Meeting. On the record date, there were 40,214,873 shares of common stock outstanding and entitled to vote. Stockholders may vote until the polls close, which will be announced during the conduct of the Meeting.

***Stockholder of Record: Shares Registered in Your Name***

If on March 25, 2021, 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 online at the Annual Meeting or vote by proxy. Whether or not you plan to virtually 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.

In accordance with Delaware law, for the 10 days prior to our Annual Meeting, a list of registered holders entitled to vote at our Annual Meeting will be available for inspection in our offices at 950 Winter Street, Waltham, MA 02451. Stockholders will also be able to access the list of registered holders electronically during the Annual Meeting through the virtual meeting website at [www.virtualshareholdermeeting.com/ELOX2021](http://www.virtualshareholdermeeting.com/ELOX2021).

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

If on March 25, 2021, 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 online at the Annual Meeting unless you request and obtain a valid proxy from your broker, bank or other agent.

**7. What am I being asked to vote on?**

There are three matters scheduled for a vote:

- Election of nine (9) directors (the “Nominees”, each individually a “Nominee”) to hold office until the 2022 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, 2021 (“Proposal 2”); and
- Advisory approval of the compensation of our named executive officers, as disclosed in this Proxy Statement (“Proposal 3”).

**8. 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.

**9. 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.

***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 18, 2021.

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](http://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.

***Online at the virtual Annual Meeting***

Stockholders who virtually attend the Annual Meeting may vote online at the Meeting. Any stockholder may attend the Annual Meeting by visiting [www.virtualshareholdermeeting.com/ELOX2021](http://www.virtualshareholdermeeting.com/ELOX2021). We encourage you to access the Annual Meeting online prior to its start time. Stockholders may vote electronically and submit questions online while attending the Annual Meeting. Please have the Control Number we have provided to you to join the Annual Meeting. Instructions on how to attend and participate in the Annual Meeting, including how to demonstrate proof of stock ownership, are available at [www.virtualshareholdermeeting.com/ELOX2021](http://www.virtualshareholdermeeting.com/ELOX2021).

**Your vote is important.**

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

**10. 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 virtually and vote online 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.

**11. 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 U.S. 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 1, 2021, 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.

**12. Can I access the proxy materials and the fiscal year 2020 Annual Report on the Internet?**

The Notice of Annual Meeting and Proxy Statement and the fiscal year 2020 Annual Report are available on our website at [www.eloxxpharma.com](http://www.eloxxpharma.com) and at [www.proxyvote.com](http://www.proxyvote.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](http://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.

**13. 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 2021, 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, or the advisory vote on 2020 executive compensation, in which case a broker non-vote will occur and your shares will not be voted on these matters.

#### 14. 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, online 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 March 25, 2021, the record date, there were 40,214,873 shares outstanding and entitled to be cast. Thus, the holders of 20,107,437 shares must be present online 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 online at the Annual Meeting. If there is no quorum, the holders of a majority of shares present at the meeting online or represented by proxy may adjourn the meeting to another date.

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

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.

Proposal	Vote Required	Broker Discretionary Voting Allowed
<b>Election of Directors</b>	Majority of Votes Cast	No
<b>Ratification of Deloitte &amp; Touche LLP</b>	Majority of Votes Cast	Yes
<b>Advisory Approval of Executive Compensation</b>	Majority of Votes Cast	No

##### *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 2020 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.

#### 16. 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 year 2021; and
- **FOR** the approval, on an advisory basis, of the 2020 compensation of our named executive officers.

**17. 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.

**18. 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 with the SEC 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.

**19. 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 Amended and Restated By-laws (the “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 2020 Annual Meeting, except for Sumit Aggarwal, Rajesh Parekh and Alan Walts, each of whom was appointed to the Board on April 1, 2021 in connection with the Agreement and Plan of Merger dated April 1, 2021 (the “Zikani Merger Agreement”), among the Company, our wholly owned subsidiary and Zikani Therapeutics, Inc. (“Zikani”), in which Zikani became a wholly owned subsidiary of the Company (the “Zikani Merger”). In connection with the Zikani Merger Martijn Kleijwegt and Silvia Noiman resigned from the Board effective April 1, 2021.

Each nominee has consented to being named as a nominee in this Proxy Statement and to serve as a director if elected. If any nominee listed in the table below should become unavailable for any reason, which the Board of Directors does not anticipate, properly submitted proxies 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 online at the Annual Meeting 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.

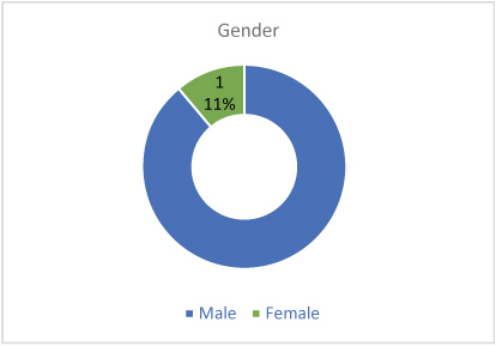
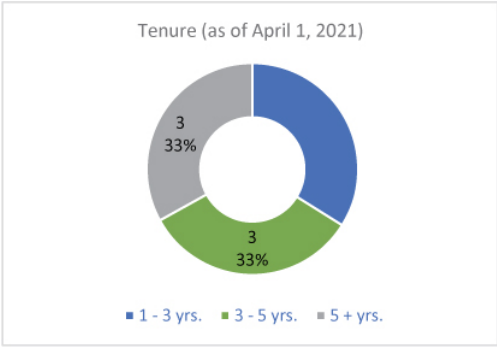
Our directors have been nominated by our Board of Directors, based on the recommendations of the Nominating Committee. As discussed elsewhere in this Proxy Statement, in evaluating director nominees, the Nominating Committee considers characteristics that include, among others, integrity, business experience, 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 <sup>(1)</sup>	Position
<b>Tomer Kariv</b>	60	Chairman of the Board
<b>Sumit Aggarwal</b>	49	Director, President and Chief Executive Officer
<b>Zafrira Avnur, Ph.D.</b>	70	Director
<b>Ran Nussbaum</b>	48	Director
<b>Rajesh Parekh, DPhil</b>	60	Director
<b>Steven Rubin</b>	60	Director
<b>Jasbir Seehra, Ph.D.</b>	65	Director
<b>Gadi Veinrib</b>	42	Director
<b>Alan Walts, Ph.D.</b>	61	Director

(1) As of May 19, 2021.



Director Nominees



Mr. Tomer Kariv  
Independent Director  
Chairman of the Board  
Nominating Committee

Mr. Tomer Kariv is the Chairman of our Board and previously served as a member of the board of directors of Eloxx Pharmaceuticals, Ltd. (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 six funds with over \$1 billion under management and invested in over 100 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., Raziel Therapeutics Ltd. and Keros Therapeutics, Inc. (a public biotech company where Mr. Kariv serves as chair of the nominating and corporate governance committee). He previously served as a Director of VBI Vaccines Inc., 89Bio Ltd., LogicBio, Entera Ltd., Nutrinia Ltd., Check-Cap Ltd., Headsense Medical Ltd., Macrocare Ltd., Avraham Pharmaceuticals, Stimatix Ltd., Applied Immune Technologies, and Otic Pharma Ltd. Mr. Kariv has 15 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.



Sumit Aggarwal  
Director  
President and Chief Executive  
Officer

Mr. Sumit Aggarwal joined Eloxx as our President and Chief Executive Officer on April 1, 2021, and previously served as President and Chief Executive Officer and a director of Zikani since 2019. Mr. Aggarwal joined Zikani in 2018 as Chief Financial Officer and Chief Business Officer, and led the transformation of Zikani from an early-stage technology company to a rare disease and oncology-focused organization. Prior to joining Zikani, from 2015 to 2018, Mr. Aggarwal served as acting President and Chief Financial Officer of Progenity, Inc., a private genetic services company offering pre-natal genetic testing to OB/GYN practices. From 2016 to 2018, Mr. Aggarwal served as a member of the board of directors of NEOSEQ, a privately-held genetic sequencing-based diagnostic company. Mr. Aggarwal has also held leadership roles in healthcare and biotechnology at Adage Capital and as an Associate Partner at McKinsey & Company in its healthcare practice. Mr. Aggarwal has more than 20 years of experience in pharmaceutical and biotechnology commercial operations, investment management, management consulting, and has been successful in transforming companies by re-invigorating innovation, growth and profitability, and raising capital for promising technology companies. Mr. Aggarwal holds an M.B.A. with distinction from the Johnson School, Cornell University, and a Bachelor of Technology with Honors in Chemical Engineering from the Indian Institute of Technology, Kharagpur. Our Board believes Mr. Aggarwal's service as an executive and experience in the pharmaceutical and biotechnology industry qualifies Mr. Aggarwal to serve on our Board.



Dr. Zafira Avnur, Ph.D.  
Independent Director  
Compensation Committee  
Nominating Committee

Dr. Zafira Avnur, Ph.D. 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. 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. Ran Nussbaum  
Independent Director  
Nominating Committee (Chair)  
Strategic Finance Committee

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 seven funds with over \$1 billion under management and invested in over 100 portfolio companies. Over the past 15 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. (a public biotech company where Mr. Nussbaum also serves as chair of the compensation committee). He currently serves as a Director of UroGen Pharma, Inc. (a public biotech company where he also serves as a member of the compensation, nominating and corporate governance committee), and Lutris Pharma Ltd.

Mr. Nussbaum also previously served on the boards of directors of many of The Pontifax Group's portfolio companies: Quiet Therapeutics Ltd., Ocon Medical Ltd., N.T.B. Pharma Ltd., ArQule, Inc. (acquired by Merck in January 2020), Zolex Therapeutics Ltd., c-Cam Biotherapeutics Ltd. (acquired by Merck), Kite Pharma, Inc., BioBlast Pharma Ltd., Nutrinia Ltd., Biomedix Ltd., Nasvax Ltd., NovellusDx Ltd., VBI Vaccines Inc. and Prevail Therapeutics, Inc. (acquired by Eli Lilly and Company in January 2021).

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. Our Board believes Mr. Nussbaum's experience as a venture capitalist investor in the biotechnology industry qualifies him to serve on our Board.



Dr. Rajesh Parekh, DPhil  
Independent Director

Dr. Rajesh Parekh joined our Board on April 1, 2021 and previously served as a director of Zikani Therapeutics, Inc. Dr. Parekh is a General Partner at Advent Life Sciences LLP, which he joined in 2006. During an academic career at Oxford University, he co-founded Oxford GlycoSciences PLC, where he served as Chief Scientific Officer and Chief Executive Officer from 1988 until its sale to Celltech Group PLC (now UCB SA) in 2003. He has founded or served on the boards of several life sciences companies in the United States and Europe including Avila Therapeutics, Inc., EUSA Pharma (Europe) Limited, Biocartis NV, Amsterdam Molecular Therapeutics (AMT) Holding NV (now uniQure), Aura, Inc., Itara Ltd., Cellnovo SA, Artax, Inc., and Project Paradise Limited. He was also a member of the Supervisory Board of the Novartis Venture Fund and is currently Chairman of the Board of Directors of Galapagos nv, (a public biotech company). Dr. Parekh also currently serves as a member of the board of directors of Advent Venture Partners LLP, Advent Life Sciences LLP, Aleta, Inc., Alpha Anomeric SA, Amphista Therapeutics Ltd., Arrakis, Inc., Aura Biosciences, Capella BioSciences Ltd., Levicept Limited, PE Limited, Pheno Therapeutics Ltd., and Tridek-One Therapeutics SAS. Mr. Parekh also served as a director of Zikani prior to its acquisition by the Company. He received his MA in Biochemistry and DPhil in Molecular Medicine from the University of Oxford, where he has also been a Senior Research Fellow and Professor. Our Board believes Dr. Parekh's experience in the biopharmaceutical industry, his executive leadership and board experience qualifies him to serve on our Board.





Mr. Steven Rubin  
Independent Director  
Strategic Finance Committee  
(Chair)  
Audit Committee (Chair)

Mr. Steven Rubin has served as a member of our Board since May 2014, when the Company was known as Sevion Therapeutics, Inc., until its merger with Eloxx Pharmaceuticals, Ltd. in December 2017. Mr. Rubin is the Executive Vice President — Administration and a Director of OPKO Health, Inc. Mr. Rubin is currently a Director of Red Violet, Inc. (a public software and services company where he serves as a member of the audit committee and chair of both the compensation and nominating and corporate governance committees), Kidville, Inc., Non-Invasive Monitoring Systems, Inc., Cocystal Pharma, Inc. (a public biotech company where he serves as the chair of both the audit and compensation committees and a member of the and nominating and corporate governance committee), Neovasc, Inc. and ChromaDex Corp. (a public bioscience company where he serves as the chair of the nominating and corporate governance committee). 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., Castle Brands, 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 Sehra, Ph.D.  
Independent Director  
Audit Committee  
Compensation Committee (Chair)

Dr. Jasbir Sehra has served as a member of our Board since February 2018. Dr. Sehra has served as Chief Executive Officer and a member of the board of directors 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. Sehra 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 more than 25 years of experience developing innovative small molecule and biologic drugs, Dr. Sehra 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. Sehra has authored numerous publications and is an inventor on 78 patents. Dr. Sehra 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. Sehra's drug development and executive leadership experience qualifies him to serve on our Board.



Mr. Gadi Veinrib  
Independent Director  
Compensation Committee

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., SGCI 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.



Dr. Alan E. Walts, Ph.D.  
Independent Director  
Audit Committee

Dr. Alan Walts joined our Board on April 1, 2021 and previously served as Executive Chairman of Zikani since May 2020. Dr. Walts is a US-based Venture Partner with Advent Life Sciences, a position he has held since January 2014. Dr. Walts serves as Executive Chairman and Director of PIC Therapeutics (since 2016) and Artax Biopharma (since 2017). Dr. Walts is also a founder, Director and Treasurer of The Termeer Foundation, a public 501(c)(3) organization founded in 2019. Dr. Walts is currently an independent Director of Neuroelectrics Corp, and a business advisor and board observer of several private companies including Amylyx Pharmaceuticals, Arrakis Therapeutics, Alpha Anomeric and Amphista Therapeutics. Dr. Walts' previous board experience includes X4 Pharmaceuticals (Director and co-founder, audit and nominating/governance committee member, 2013-2019), Aura Biosciences (Executive Chairman, Director, audit committee member, 2013-2019), and Arrakis Therapeutics (co-founder, Executive Chairman and Director, 2015-2019).

Dr. Walts has over 25 years of industry experience at Genzyme in business development, business strategy, research and development, general management, and venture capital. Prior to leaving Genzyme in 2013, Dr. Walts most recently managed Genzyme's corporate venture fund, Genzyme Ventures (now Sanofi Ventures).

Dr. Walts received a Ph.D. in chemistry from MIT in 1985, carried out post-doctoral research in biochemistry at MIT with Professor Christopher Walsh, and completed the executive Program for Management Development at Harvard Business School. Our Board believes Dr. Walts' drug development and 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 all directors are independent directors within the meaning of the applicable Nasdaq listing standards except Mr. Aggarwal, who is not independent by virtue of his current executive officer position with the Company. The Board also determined that Mr. Kleijwegt and Dr. Noiman, each of whom served on the Board until April 1, 2021, were independent directors.

### **Board Leadership Structure**

The Board has a Chairman, Mr. Kariv, 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. Given the Company’s current needs, the Board believes that the existing leadership structure is appropriate as it allows our CEO to focus on the day-to-day operation of the business, execution of the Company’s strategy, shaping of the Company’s corporate vision and operational leadership of the business while allowing the Chairman of the Board to facilitate the Board’s independent oversight of management and the Company’s strategic direction and other matters.

### **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 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 seven times during fiscal year 2020. 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 number of meetings held for the Board and each committee.

### **Insider Trading Policy Approved by the Board of Directors**

The Board has approved an Insider Trading Policy (the “Policy”), which, among other matters, addresses transactions that present a heightened legal risk and the potential appearance of improper or inappropriate conduct. It is the Company’s policy that covered persons, which include all Company directors, officers and employees, may not engage in any of the following transactions:



- **Short-Term Trading.** Short-term trading of Company securities may be distracting to the person trading and may unduly focus the person on the Company's short-term performance instead of the Company's long-term business objectives. For these reasons, and consistent with Section 16(b) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), any director or executive officer of the Company who purchases Company securities may not sell any Company securities of the same class during the six months following the purchase (or vice versa).
- **Short Sales.** Short sales of Company securities (i.e., the sale of a security that the seller does not own) may evidence an expectation on the part of the seller that the securities will decline in value and therefore might signal to the market that the seller lacks confidence in the Company's prospects and are prohibited. In addition, Section 16(c) of the Exchange Act prohibits executive officers and directors from engaging in short sales.
- **Publicly Traded Options.** Given the relatively short term of publicly traded options, transactions in options may create the appearance that a director, officer or employee is trading based on material nonpublic information and focus such person's attention on short-term performance at the expense of the Company's long-term objectives. Accordingly, transactions in put options, call options or other derivative securities on an exchange or in any other organized market, are prohibited.
- **Hedging Transactions.** Hedging or monetization transactions can be accomplished through a number of possible mechanisms, including through the use of financial instruments such as prepaid variable forwards, equity swaps, collars and exchange funds. Such hedging transactions may permit a director, officer or employee to continue to own Company securities obtained through employee benefit plans or otherwise, but without the full risks and rewards of ownership. When that occurs, the director, officer or employee may no longer have the same objectives as the Company's other stockholders. Therefore, directors, officers and employees are prohibited from engaging in any such transactions.
- **Margin Accounts and Pledged Securities.** Securities held in a margin account as collateral for a margin loan may be sold by the broker without the customer's consent if the customer fails to meet a margin call. Similarly, securities pledged (or hypothecated) as collateral for a loan may be sold in foreclosure if the borrower defaults on the loan. Because a margin sale or foreclosure sale may occur at a time when the pledgor is aware of material nonpublic information or otherwise is not permitted to trade in Company securities, directors, officers and other employees are prohibited from holding Company securities in a margin account or otherwise pledging Company securities as collateral for a loan.
- **Standing and Limit Orders.** Standing and limit orders (except standing and limit orders under Rule 10b5-1 Plans) create heightened risks for insider trading violations, similar to the use of margin accounts. There is no control over the timing of purchases or sales that result from standing instructions to a broker, and as a result the broker could execute a transaction when a director, officer or other employee is in possession of material nonpublic information. The Company therefore discourages placing standing or limit orders on Company securities other than pursuant to Rule 10b5-1 Plans, and a covered person must contact the Company's Compliance Officer for clearance to place the order.

## 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](http://www.eloxxpharma.com) by choosing the “Investors” link and clicking on the “Corporate Governance” section.

### Committee Memberships

Name	Nominee Committee Membership <sup>(1)</sup>			
	Audit <sup>(2)</sup>	Nominating	Compensation	Strategic Finance
Zafrira Aynur, Ph.D.		•	•	
Tomer Kariv		•		
Alan Walts, Ph.D.	•			
Ran Nussbaum		■		•
Steven D. Rubin	■			■
Jasbir Seehra, Ph.D.	•		■	
Gadi Veinrib			•	

(1) As of April 1, 2021.

(2) Effective April 1, 2021, Mr. Kleijwegt resigned from the Board and its Committees.

• = Denotes Chair

### Audit Committee

For fiscal year 2020, the Audit Committee was composed of three directors: Messrs. Kleijwegt and Rubin and Dr. Seehra, with Mr. Kleijwegt serving as the Chair of the committee (Mr. Kleijwegt resigned effective April 1, 2021. Dr. Walts was appointed to fill the vacancy and Mr. Rubin was elevated to Chair of the committee). The Audit Committee met five times during fiscal year 2020. The Audit Committee was established by the Board in accordance with Section 3(a)(58)(A) of 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 fiscal year 2020 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 fiscal year 2020.

Respectfully submitted,  
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 fiscal year 2020, the Compensation Committee was composed of three directors: Mr. Veinrib and Drs. Avnur and Seehra, with Dr. Avnur serving as the Chair of the committee. Dr. Avnur resigned as Chair effective February 10, 2021 but will continue to serve on the committee. Dr. Seehra currently serves as Chair of the committee effective February 10, 2021. 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 five times during fiscal year 2020. 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, a part of Aon plc., to which we refer as "Radford," as its independent compensation consultant during fiscal year 2020. 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 year 2020, the cost of Radford's executive compensation and director compensation consulting services was \$54,019 (exclusive of the purchase of certain Radford surveys at a cost of \$10,600).

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 fiscal year 2020, 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 Chair 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 five times during fiscal year 2020.

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 stockholders 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 <https://investors.eloxxpharma.com/corporate-governance/governance-overview>. 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 <https://investors.eloxxpharma.com/corporate-governance/governance-overview>.

### **Environmental Sustainability**

We are committed to managing the Company's impact on our environment. In order to promote sustainability and environmental awareness, we have adopted an Environmental Sustainability and Governance Policy. In addition to requiring compliance with all applicable environmental laws and regulations, this policy is intended to integrate consideration of environmental impacts into our decision making and promote environmental responsibility among our employees and contractors. As a part of our environmental sustainability initiative, we encourage participation in available re-use and recycling programs, alternatives to business travel (such as teleconferences and virtual meetings) and available energy-efficient travel options when business travel is required. We plan to review this policy on an annual basis and to evaluate additional initiatives to further reduce our impact on the environment.

### **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 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 2021 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 was initially appointed in June 2018 as our independent registered public accounting firm to audit our financial statements for the year ended December 31, 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 fiscal year 2019 and fiscal year 2020 by Deloitte & Touche LLP.

	Fiscal Year Ended December 31, 2019	Fiscal Year Ended December 31, 2020
Audit Fees <sup>(1)</sup>	\$633,064	\$509,080
Audit-Related Fees <sup>(2)</sup>	70,000	—
Tax Fees <sup>(3)</sup>	43,785	46,200
All Other Fees <sup>(4)</sup>	3,790	3,790
Total Fees	<u>\$750,639</u>	<u>\$559,070</u>

- (1) 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.
- (2) Represents fees billed for professional services provided to us in connection with registration statement filings.
- (3) Represents fees billed for tax compliance and tax advice services, including fees for tax return preparation.
- (4) Represents fees billed for an 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.

**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 stockholders 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 and restricted 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.**



## INFORMATION ABOUT OUR EXECUTIVE OFFICERS

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

Name	Age <sup>(1)</sup>	Title
Sumit Aggarwal, M.B.A.	49	President and Chief Executive Officer and director (as of April 1, 2021)
Gregory C. Williams, Ph.D., M.B.A.	62	Former Chief Executive Officer and director (resigned as Chief Executive Officer and director effective April 1, 2021)
Neil S. Belloff, Esq.	61	Chief Operating Officer, General Counsel and Corporate Secretary
Vijay Modur, M.B.B.S., Ph.D.	54	Head of Research and Development (as of April 1, 2021)
Stephen G. MacDonald	50	Former Vice President of Finance and Accounting, Treasurer (Principal Financial and Principal Accounting Officer) (resigned from Company effective March 26, 2021)
Gary D. Rakers	37	Executive Director, Finance and Accounting, Corporate Controller and Treasurer (Principal Financial and Principal Accounting Officer) (as of March 26, 2021)
Daniel Geffken, M.B.A.	64	Interim Chief Financial Officer (as of April 1, 2021)

(1) As of May 19, 2021.

We note that Robert E. Ward, former Chief Executive Officer, resigned as an officer and director effective February 25, 2020 and from the Company effective February 29, 2020, David Snow, former Chief Business Officer, resigned from the Company effective February 29, 2020, and Gregory Weaver, former Chief Financial Officer, resigned from the Company effective March 15, 2020. Each of Messrs. Belloff and MacDonald, along with Dr. Williams, were named executive officers for fiscal year 2020.

### Sumit Aggarwal — President and Chief Executive Officer

Mr. Sumit Aggarwal became our President and Chief Executive Officer and a director on April 1, 2021. See “Proposal 1 — Election of Directors” for a discussion of Mr. Aggarwal’s business experience.

### Gregory C. Williams — Former Chief Executive Officer

Dr. Gregory C. Williams served as our Chief Executive Officer and a director from February 25, 2020 until April 1, 2021, and had previously 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<sup>®</sup>. 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<sup>®</sup>. 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.

### Neil S. Belloff — Chief Operating Officer, General Counsel & Corporate Secretary

Mr. Neil S. Belloff became our Chief Operating Officer on February 25, 2020 and has served as our 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.

## Vijay Modur — Head of Research and Development

Vijay Modur became our Head of Research and Development on April 1, 2021 and previously served as the Head of R&D, Chief Scientific and Medical Officer of Zikani Therapeutics, Inc. In his more than 20 years in pharmaceutical and diagnostic roles in R&D, Dr. Modur has successfully translated research discovery efforts into products that impacted medical practice. Prior to joining Zikani, Dr. Modur led the venglustat rare disease program at Sanofi across multiple rare disease indications into phase 2 and phase 3 clinical development as well as other early development programs. Prior to Sanofi, Dr. Modur held leadership roles at HTG Molecular, Novartis Oncology and Merck Research Labs. Dr. Modur obtained his M.B.B.S. from Karnatak University and his Ph.D. from University of Utah. Dr. Modur was a resident in Clinical Pathology at Washington University School of Medicine where he also completed his post-doctoral fellowship.

## Stephen G. MacDonald — Former Vice President of Finance and Accounting, Treasurer

Mr. Stephen MacDonald joined Eloxx in October 2019 and has served as Vice President of Finance and Accounting and Treasurer since February 2020. previously, Mr. MacDonald spent 6 years with Tesaro, Inc., an oncology-focused biopharmaceutical company, culminating with the role of senior finance director. Tesaro was acquired by GlaxoSmithKline plc in 2019. Previously, Mr. MacDonald served in finance management roles with Network Engines, Inc. and Sapient Corp., and spent 6 years in the assurance practice of PricewaterhouseCoopers (now known as PwC). Since January 2020, Mr. MacDonald has served on the board of directors of a non-profit entity headquartered in Waltham, Massachusetts, Families for Depression Awareness. Mr. MacDonald holds an M.B.A. from Suffolk University and a B.A. from Williams College. He is a licensed certified public accountant in Massachusetts.

## Gary D. Rakers — Executive Director, Finance and Accounting, Corporate Controller and Treasurer

Mr. Gary Rakers joined Eloxx in January 2020, previously served as our Corporate Controller and Assistant Treasurer and was promoted to Executive Director, Finance and Accounting, Corporate Controller and Treasurer on March 26, 2021. Previously, Mr. Rakers spent 6 years with Tesaro, Inc., an oncology-focused biopharmaceutical company, culminating with the role of Associate Director of Technical Accounting and Operations. Tesaro was acquired by GlaxoSmithKline plc in 2019. Prior to Tesaro, Mr. Rakers spent 8 years in the audit and assurance practice of Deloitte & Touche LLP, with a focus on the healthcare and life sciences sector, including healthcare providers, healthcare insurers and pharmaceutical companies (from discovery through commercialization). Mr. Rakers, a certified public accountant, holds an M.S.A. in Accounting from Bentley University.

## Daniel Geffken — Interim Chief Financial Officer

Mr. Daniel Geffken was appointed as Interim Chief Financial Officer on April 1, 2021. Mr. Geffken is a founder of Danforth Advisors and brings more than 30 years of financial experience to his work for Danforth clients, ranging from start-ups to publicly traded companies with over a billion dollars in market capitalization. He has served as chief financial officer and strategic consultant to numerous companies, including Apellis Pharmaceuticals, Cidara Therapeutics, GenePeeks, Homology Medicines, Stealth BioTherapeutics and Transkaryotic Therapies. Since 2013, Mr. Geffken has participated in eleven initial public offerings. Over the course of his career, he has helped life sciences companies raise more than two billion dollars in equity and debt securities. Mr. Geffken holds a B.S. from The Wharton School, University of Pennsylvania, and an M.B.A. from Harvard Business School.

## 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 March 25, 2021, 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 March 25, 2021 through the exercise of any stock option, warrants or other rights. Restricted stock units (RSUs) and stock options that will vest within 60 days of March 25, 2021 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 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 40,214,873 shares of our common stock outstanding as of March 25, 2021. Shares of common stock that a person has the right to acquire within 60 days of March 25, 2021, 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 <sup>(1)</sup>	Shares of Common Stock Beneficially Owned	Percentage of Common Stock Beneficially Owned
Pontifax Funds <sup>(2)</sup>	9,339,671	23.2%
LSP V Coöperatieve U.A. <sup>(3)</sup>	2,953,673	7.3%
Menora Mivtachim Holdings Ltd. <sup>(4)</sup>	2,094,208	5.2%
<b>Directors and Named Executive Officers<sup>(1)</sup></b>		
Zafira Avnur, Ph.D. <sup>(5)</sup>	71,429	*
Tomer Kariv <sup>(6)</sup>	9,408,837	23.4%
Martijn Kleijwegt <sup>(7)</sup>	3,022,839	7.5%
Silvia Noiman, Ph.D., M.B.A. <sup>(8)</sup>	877,415	2.2%
Ran Nussbaum <sup>(9)</sup>	9,408,837	23.4%
Steven D. Rubin <sup>(10)</sup>	128,286	*
Jasbir Seehra, Ph.D. <sup>(11)</sup>	69,166	*
Gadi Veinrib <sup>(12)</sup>	69,166	*
Gregory C. Williams, Ph.D., M.B.A. <sup>(13)</sup>	503,795	1.2%
Neil S. Belloff, Esq. <sup>(14)</sup>	233,541	*
Stephen G. MacDonald <sup>(15)</sup>	20,150	*
All directors and executive officers as a group (11 persons) <sup>(16)</sup>	14,473,790	34.6%

\* Represents beneficial ownership of less than 1%.

(1) The information contained in this table is as of the record date, March 25, 2021. As described elsewhere in this Proxy Statement, on April 1, 2021, the Zikani Merger was consummated. The information contained in this table does not reflect the consummation of the Zikani Merger, including the issuance of common stock in connection therewith or the directors that were appointed to and resigned from our Board on April 1, 2021. For more information on the Zikani Merger, please see our Current Report on Form 8-K filed with the SEC on April 1, 2021.

- (2) Based on a Schedule 13D/A filed with the SEC on June 26, 2019 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 2,151,485 shares of common stock; Pontifax IV GP L.P. has shared voting and dispositive power with respect to 2,151,485 shares of common stock; Pontifax (Cayman) IV L.P. has shared voting and dispositive power with respect to 510,846 shares of common stock; Pontifax (Israel) IV, L.P. has shared voting and dispositive power with respect to 1,049,310 shares of common stock; and Pontifax (China) IV L.P. has shared voting and dispositive power with respect to 567,329 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.
- (3) Based on a Schedule 13D/A filed with the SEC on March 13, 2020. 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 is Johannes Vermeerplein 9, 1071 DV Amsterdam, the Netherlands.
- (4) Based on a Schedule 13G/A filed with the SEC on February 11, 2021, Menora Mivtachim Holdings Ltd. has shared voting and dispositive power with respect to 2,094,208 shares of common stock. The address of Menora Mivtachim Holdings Ltd. is Menora House, 23 Jabotinsky St., Ramat Gan 5251102, Israel.
- (5) Consists of 2,263 shares of common stock held in an IRA indirectly by spouse, and 69,166 shares of common stock underlying stock options.
- (6) Includes 9,339,671 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. This total also includes 69,166 shares of common stock underlying stock options.
- (7) Includes 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. This total also includes 69,166 shares of common stock underlying stock options. Mr. Kleijwegt resigned from the Board effective April 1, 2021.
- (8) Consists of 490,789 shares of common stock and 386,626 shares of common stock underlying stock options. Ms. Noiman resigned from the Board effective April 1, 2021.
- (9) Includes 9,339,671 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. This total also includes 69,166 shares of common stock underlying stock options.
- (10) Consists of 128,286 shares of common stock underlying stock options.
- (11) Consists of 69,166 shares of common stock underlying stock options.
- (12) Consists of 69,166 shares of common stock underlying stock options.
- (13) Consists of 44,629 shares of common stock and 457,291 shares of common stock underlying stock options and 1,875 shares of common stock underlying restricted stock units. Dr. Williams resigned from the Board and as Chief Executive Officer of the Company effective April 1, 2021.
- (14) Consists of 26,077 shares of common stock and 205,902 shares of common stock underlying stock options and 1,562 shares of common stock underlying restricted stock units.
- (15) Consists of 20,150 shares of common stock underlying stock options.
- (16) Each of Mr. Kariv and Mr. Nussbaum 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.

## DELINQUENT SECTION 16(A) REPORTS

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 fiscal year 2020, all Section 16(a) filing requirements applicable to our officers, directors and greater than ten percent beneficial owners were complied with, except that (i) Mr. Rubin inadvertently filed late a Form 4 relating to a stock option grant, and (ii) Mr. MacDonald did not timely file a Form 3 upon becoming the Company's principal accounting officer.

## EXECUTIVE COMPENSATION

### Summary Compensation Table

The following table sets forth information regarding compensation awarded to, earned by or paid to our principal executive officer and the next two most highly compensated executive officers during the years ended December 31, 2020 and 2019 (our “named executive officers”).

### Summary Compensation Table

Name and Principal Position <sup>(1)</sup>	Year	Salary (\$)	Bonus (\$)	Stock Awards (\$) <sup>(2)</sup>	Option Awards (\$) <sup>(3)</sup>	Non-Equity Incentive Plan Compensation (\$) <sup>(4)</sup>	All Other Compensation (\$) <sup>(5)</sup>	Total (\$)
Robert E. Ward	2020	83,333	—	—	—	—	499,237	582,570
<i>Former Chief Executive Officer</i>	2019	500,000	—	—	1,771,840	200,000	47,408	2,519,248
Gregory C. Williams	2020	454,583	—	718,000	916,000	142,500	13,798	2,254,881
<i>Former Chief Executive Officer</i>								
Neil S. Belloff, Esq.	2020	411,525	—	359,000	458,000	100,800	105,579	1,434,904
<i>Chief Operating Officer, General Counsel and Corporate Secretary</i>	2019	367,138	—	288,250	825,000	147,660	46,178	1,674,226
Stephen G. MacDonald	2020	276,250	—	—	63,198	67,320	24,766	431,534
<i>Vice President of Finance and Accounting, Treasurer</i>	2019	50,469	15,000 <sup>(6)</sup>	—	39,750	—	2,516	107,735

- (1) Reflects the highest position held by the named executive officer during 2020. Mr. Ward has since left the Company. Dr. Williams was appointed as our Chief Executive Officer effective February 25, 2020. Dr. Williams resigned as Chief Executive Officer effective April 1, 2021. Mr. MacDonald resigned from the Company effective March 26, 2021. Messrs. Snow and Weaver are not included in this table. More information on each of Messrs. Ward’s, Snow’s and Weaver’s severance arrangements are included in the Employment Arrangements section below.
- (2) Amounts reflect the aggregate grant date fair value of restricted stock units 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, 2020. 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 underlying 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, 2020. 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 Dr. Williams, Mr. Belloff and Mr. MacDonald annual cash incentive plan awards equal to 60%, 60% and 80%, respectively, of such named executive officer’s target award for performance in 2020.
- (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 insurance that were paid consistent with the Company’s policies and available to all employees. The amount shown in the “All Other Compensation” column for Mr. Belloff also includes a payment of \$59,262 pursuant to his employment agreement effective as of February 25, 2020 (further described in the Employment Arrangements section below), which entitles him to an annual housing allowance equal to a net after-tax amount of \$36,000. The amount paid to Mr. Belloff includes a payroll tax gross-up of \$23,262. The amount shown in the “All Other Compensation” column for Mr. Ward includes a cash severance payment of \$416,667 and \$45,198 paid for accrued vacation.
- (6) Amount represents a sign-on bonus payment paid in 2019 pursuant to the terms of Mr. MacDonald’s employment offer letter.

### Outstanding Equity Awards at Fiscal Year-End

The following table shows the equity awards held by our named executive officers, as of December 31, 2020. More information on our former executive officers is provided in the Employment Arrangements section below.

Name	Grant Date	Option Awards					Stock Awards			
		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 Shares of Units of Stock That Have Not Vested (\$) <sup>(1)</sup>	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 (\$) <sup>(1)</sup>
Robert E. Ward <sup>(2)</sup>	—	—	—	—	—	—	—	—	—	—
Gregory C. Williams	6/25/2018	200,000	100,000	—	18.85	6/25/2028	—	—	—	—
	1/30/2019	43,750	56,250	—	11.53	1/30/2029	16,875	67,163	—	—
	9/12/2019	70,312	154,688	—	6.47	9/12/2029	—	—	—	—
	2/25/2020	—	400,000	—	3.59	2/25/2030	200,000	796,000	—	—
Neil S. Belloff	6/18/2018	83,333	41,667	—	20.85	6/18/2028	—	—	—	—
	1/30/2019	21,875	28,125	—	11.53	1/30/2029	14,063	55,971	—	—
	9/12/2019	31,250	68,750	—	6.47	9/12/2029	—	—	—	—
	2/25/2020	—	200,000	—	3.59	2/25/2030	100,000	398,000	—	—
Stephen G. MacDonald	10/19/2019	3,750	11,250	—	3.93	10/19/2029	—	—	—	—
	3/11/2020	—	27,500	—	2.88	3/11/2030	—	—	—	—
	4/2/2020	—	14,100	—	1.59	4/2/2030	—	—	—	—

- (1) The market value of the stock awards is determined by multiplying the number of shares subject to such award times by \$3.98, which was the closing market price of the Company's common stock on December 31, 2020, the last business day of 2020.
- (2) Mr. Ward resigned as Chief Executive Officer effective February 24, 2020. Mr. Ward had no equity awards outstanding on December 31, 2020.

### 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 served as at-will employees, subject to the terms of applicable offer letters or employment agreements. We 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.

#### 2020 Restructuring:

On February 24, 2020, the Board approved a leadership and organizational re-alignment aimed at supporting the Company's efforts to improve operating performance, concentrate development efforts on the Company's core programs, and ensure that those programs are appropriately resourced to deliver value to investors and fulfill the Company's mission to provide treatment options to patients with unmet medical need. The organizational re-alignment reduced managerial layers and consolidated roles across the organization.

As part of the leadership re-alignment, Robert Ward, former Chief Executive Officer, and David Snow, former Chief Business Officer, each separated from the Company effective February 29, 2020, and Gregory Weaver, former Chief Financial Officer, separated from the Company effective March 15, 2020. The Board promoted Gregory C. Williams to Chief Executive Officer and appointed him a member of the Board of Directors, promoted Neil S. Belloff to Chief Operating Officer, in addition to his role as General Counsel, and promoted Stephen G. MacDonald to Vice President, Finance and Accounting, and Treasurer (principal financial officer and principal accounting officer).

Amounts paid to Messrs. Ward, Weaver and Snow in connection with their separations were governed by their employment agreements, which provided for severance payments, the payment of premiums for COBRA coverage, if such



coverage was elected by the executive, accelerated vesting of 25% of the total shares subject to existing equity awards, and extension of the exercise period of stock options for a period equal to the lesser of nine months following separation or the remaining term of the option. However, severance payments did not include any amount with respect to each executive's 2020 bonus opportunity.

#### **2020 Named Executive Officers:**

##### *Employment Agreement with Gregory Williams*

The Company entered into an employment agreement with Dr. Williams effective as of February 25, 2020 wherein he agreed to serve as the Company's Chief Executive Officer. Pursuant to the agreement, Dr. Williams was entitled to an annual base salary of \$475,000 and is also eligible to earn an annual cash bonus, with a target of 50% of his annual base salary, based upon the achievement of performance milestones determined by the Company's Board. Dr. Williams' agreement also provided for the grant of stock options to purchase 400,000 shares of common stock at an exercise price of \$3.59 (the closing market price on the date of grant) and restricted stock units for 200,000 shares of common stock. The stock options and restricted stock units were issued under the 2018 Plan and will vest and become exercisable over a four-year period as follows: one-fourth of the shares on the first anniversary of the effective date of the Agreement and the remaining shares equally 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). Dr. 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 Dr. Williams' employment agreement by the Company without Cause or a resignation by Dr. Williams for Good Reason (each such term as defined in the employment agreement), Dr. Williams will be entitled to (1) a lump sum payment of an amount equal to 12 months of his base salary, (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 on the number of days that Dr. 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 25% 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 9 months or for the remaining term of the award.

If Dr. Williams' employment is terminated by the Company without Cause or Dr. Williams resigns for Good Reason within 24 months following a significant event, he will be entitled to (1) a lump sum payment of an amount equal to 18 months of his base salary, (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 employment 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 Dr. Williams' employment is terminated by the Company for Cause or by Dr. Williams without good reason, the Company shall pay Dr. Williams (1) any unpaid base salary through the date of termination and any accrued vacation; (2) reimbursement for any unreimbursed expenses owed to Dr. Williams; and (3) all other payments and benefits to which Dr. 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.

Dr. Williams resigned as Chief Executive Officer of the Company effective April 1, 2021. For information regarding Dr. Williams' separation from the Company, please see our Current Report on Form 8-K filed with the SEC on April 1, 2021.

##### *Employment Agreement with Neil Belloff*

The Company entered into an employment agreement with Mr. Belloff effective as of February 25, 2020 wherein he agreed to serve as the Company's Chief Operating Officer, General Counsel and Corporate Secretary. Pursuant to the



agreement, Mr. Belloff was entitled to an annual base salary of \$420,000 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 the Company's Board. Mr. Belloff is entitled to an annual housing allowance equal to a net after-tax amount of \$36,000. Mr. Belloff's agreement also provided for the grant of stock options to purchase 200,000 shares of common stock at an exercise price of \$3.59 (the closing market price on the date of grant) and restricted stock units for 100,000 shares of common stock. The stock options and restricted stock units were issued under the 2018 Plan and will vest and become exercisable over a four-year period as follows: one-fourth of the shares on the first anniversary of the effective date of the Agreement and the remaining shares equally 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. Belloff 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. Belloff's employment agreement by the Company without Cause or a resignation by Mr. Belloff for Good Reason (each such term as defined in the employment agreement), Mr. Belloff will be entitled to (1) a lump sum payment of an amount equal to 12 months of his base salary, (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 on the number of days that Mr. Belloff 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 25% 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 9 months or for the remaining term of the award.

If Mr. Belloff's employment is terminated by the Company without Cause or Mr. Belloff resigns for Good Reason within 24 months following a significant event, he will be entitled to (1) a lump sum payment of an amount equal to 18 months of his base salary, (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 employment 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. Belloff's employment is terminated by the Company for Cause or by Mr. Belloff without good reason, the Company shall pay Mr. Belloff (1) any unpaid base salary through the date of termination and any accrued vacation; (2) reimbursement for any unreimbursed expenses owed to Mr. Belloff; and (3) all other payments and benefits to which Mr. Belloff 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.

#### *Offer Letter with Stephen MacDonald*

Stephen MacDonald started his employment with the Company on October 14, 2019 as Corporate Controller, and was promoted to Vice President, Finance and Accounting, and Treasurer of the Company effective February 25, 2020. Mr. MacDonald took over principal financial officer and principal accounting officer responsibilities on March 15, 2020. Mr. MacDonald initially received a base annual salary of \$255,000, a target bonus of 28% and was granted 15,000 options to purchase common stock at an exercise price of \$3.93 on his initial hire date. In connection with his promotion, Mr. MacDonald's base annual salary was increased to \$280,500, and he received a grant of stock options to purchase 14,100 shares of common stock at an exercise price of \$1.59 (the closing market price on the date of grant).

#### *Offer Letter with Gary Rakers*

Gary Rakers joined Eloxx in January 2020, has served as Corporate Controller since August 2020 and was promoted to Executive Director, Finance and Accounting, Corporate Controller and Treasurer of the Company and took over principal financial officer and principal accounting officer responsibilities effective March 26, 2021. Mr. Rakers receives a base annual salary of \$250,000, a target bonus of 28% and was granted 16,000 options to purchase common stock at an exercise price of \$3.21 (the closing market price on the date of grant).

***Executive Officers Appointed on April 1, 2021***

Pursuant to the Zikani Merger Agreement, Sumit Aggarwal was appointed to serve as the Company's President and Chief Executive Officer, and Vijay Modur was appointed to serve as the Company's Head of Research and Development. For more information on the Zikani Merger and the compensation of executive officers, including Messrs. Aggarwal and Geffken, and Dr. Modur, please see our Current Report on Form 8-K filed with the SEC on April 1, 2021.

***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 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 common stock available under the 2018 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 2020.

Name	Fees Earned or Paid in Cash (\$)	Stock Awards (\$)	Option Awards (\$) <sup>(1)(2)</sup>	All Other Compensation (\$)	Total (\$)
Zafrira Avnur, Ph.D.	57,500 <sup>(3)</sup>	—	44,600	—	102,100
Tomer Kariv	47,500 <sup>(4)</sup>	—	44,600	—	92,100
Martijn Kleijwegt	62,500 <sup>(5)</sup>	—	44,600	—	107,100
Silvia Noiman, Ph.D., M.B.A.	40,000	—	44,600	—	84,600
Ran Nussbaum	57,500 <sup>(4)</sup>	—	44,600	—	102,100
Steven D. Rubin	57,500	—	44,600	—	102,100
Jasbir Sehra, Ph.D.	55,000	—	44,600	—	99,600
Gadi Veinrib	47,500	—	44,600	—	92,100

- (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, 2020. These amounts do not reflect the actual economic value that may be realized by the non-employee director upon the vesting of the stock options, the exercise of the stock options, or the sale of the common stock upon the vesting of underlying such stock options. The grant date fair value was not adjusted to take into account any estimated forfeitures. These awards had a grant date fair value of \$2.23 per share.
- (2) In May 2020, each non-employee director received an option award grant of 20,000 shares upon their re-election to the Board. The option awards vest over a two-year period from the date of grant.
- (3) 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.
- (4) 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.
- (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.

The following sets forth the cash and equity compensation to be paid to our non-employee directors, in the year beginning immediately following the 2021 Annual Meeting, for service on our Board or Committees thereof.

### Cash Compensation

Description	Annual Fee (\$)	
	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) equal 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, 2020.

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	4,152,786	\$10.16	5,853,652 <sup>(1)</sup>
Equity compensation plans not approved by security holders	323,892 <sup>(2)</sup>	\$ 4.31	—
Total	<u>4,476,678</u>	<u>\$ 9.70</u>	<u>5,853,652</u>

- (1) On January 1 of each calendar year the 2018 Plan's share reserve will automatically increase by 5% of the Company's shares of common stock 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 2,007,859 shares were added on January 1, 2021.
- (2) Represents warrants to purchase 323,892 shares of common stock with a weighted-average exercise price of \$4.31 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, 2020 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.

### Zikani Merger

For more information on the Zikani Merger and the compensation of executive officers, please see our Current Report on Form 8-K filed with the SEC on April 1, 2021. Under the terms of the Zikani Merger Agreement, the Company issued

7,596,810 shares of common stock in exchange for all of the issued and outstanding equity interests of Zikani. In addition, in connection with the Zikani Merger, the Company issued restricted stock units under the 2018 Plan to Mr. Aggarwal and Drs. Modur, and Walts covering 223,304, 174,643, and 37,695 shares of common stock, respectively, in respect of each applicable individual's service as an officer or director of the Company (as applicable) following the consummation of the Zikani Merger.

**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 2, 2021 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 2022 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 18, 2022 nor earlier than the close of business on January 19, 2022. 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 year 2020 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  
*Chief Operating Officer, General Counsel and Corporate Secretary*  
April 1, 2021



**SCAN TO  
VIEW MATERIALS & VOTE**



**VOTE BY INTERNET**

*Before The Meeting* - Go to [www.proxyvote.com](http://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 18, 2021. 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.

*During The Meeting* - Go to [www.virtualshareholdermeeting.com/ELOX2021](http://www.virtualshareholdermeeting.com/ELOX2021)

You may attend the meeting via the Internet and vote during the meeting. Have the information that is printed in the box marked by the arrow available and follow the instructions.

**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 18, 2021. 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:

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.**

The Board of Directors recommends you vote **FOR** the following proposals:

1. Election of Directors

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.

**Nominees:**

- |                          |                          |
|--------------------------|--------------------------|
| 01) Tomer Kariv          | 06) Steven Rubin         |
| 02) Sumit Aggarwal       | 07) Jasbir Seehra, Ph.D. |
| 03) Zafira Avnur, Ph.D.  | 08) Gadi Veinrib         |
| 04) Ran Nussbaum         | 09) Alan Walts, Ph.D.    |
| 05) Rajesh Parekh, DPhil |                          |

For ☐ Against ☐ Abstain ☐

2. Ratification of the selection of Deloitte & Touche LLP as our independent registered public accounting firm for the fiscal year ending December 31, 2021.

For ☐ Against ☐ Abstain ☐

3. Advisory approval of the compensation of our named executive officers, as disclosed in the Proxy Statement.

For ☐ Against ☐ Abstain ☐

**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, and **FOR** Proposals 2 and 3.

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.

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Signature [PLEASE SIGN WITHIN BOX]

Date

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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](http://www.proxyvote.com).

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**ELOXX PHARMACEUTICALS, INC.**  
**Annual Meeting of Stockholders**  
**May 19, 2021 1:00 PM**  
**This proxy is solicited by the Board of Directors**

The undersigned hereby appoints Sumit Aggarwal and Neil S. Belloff, 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

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