

Nussbaum Ran  
Form 3  
December 29, 2017

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

OMB Number: 3235-0104  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

(Print or Type Responses)

<p>1. Name and Address of Reporting Person *</p> <p>Â Nussbaum Ran</p> <p>(Last) (First) (Middle)</p> <p>C/O ELOXX PHARMACEUTICALS, INC.,Â 950 WINTER STREET, 4TH FLOOR NORTH</p> <p>(Street)</p> <p>WALTHAM,Â MAÂ 02451</p> <p>(City) (State) (Zip)</p>	<p>2. Date of Event Requiring Statement</p> <p>(Month/Day/Year)</p> <p>12/19/2017</p>	<p>3. Issuer Name and Ticker or Trading Symbol</p> <p>Eloxx Pharmaceuticals, Inc. [SVOND]</p>	<p>4. Relationship of Reporting Person(s) to Issuer</p> <p>(Check all applicable)</p> <p><input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer <input type="checkbox"/> Other (give title below) (specify below)</p>	<p>5. If Amendment, Date Original Filed(Month/Day/Year)</p>	<p>6. Individual or Joint/Group Filing(Check Applicable Line)</p> <p><input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person</p>
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**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	2,287,937	I	By Pontifax Investment Fund <sup>(1)</sup>
Common Stock	4,900,249	I	By Pontifax Investment Fund <sup>(2)</sup>
Common Stock	381,518	I	By Pontifax Investment Fund <sup>(3)</sup>
Common Stock	783,664	I	By Pontifax Investment Fund <sup>(4)</sup>
Common Stock	423,703	I	By Pontifax Investment Fund <sup>(5)</sup>

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date <small>(Month/Day/Year)</small>	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date			
		Title	Amount or Number of Shares		

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Nussbaum Ran C/O ELOXX PHARMACEUTICALS, INC. 950 WINTER STREET, 4TH FLOOR NORTH WALTHAM, MA 02451	X			

## Signatures

/s/ Gregory Weaver, Attorney  
in Fact 12/29/2017

\*\*Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).
  - \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Represents shares of the Issuer held by Pontifax (Cayman) III, L.P. ("Cayman III"). Pontifax Management Fund III L.P. ("Pontifax III") is the general partner of Cayman III. Pontifax Management III G.P. (2011) Ltd. ("Management III") is the general partner of Pontifax III. Mr. Nussbaum is a Managing Partner of Management III. By virtue of this relationship, Mr. Nussbaum may be deemed to share voting and dispositive power with respect to the shares held by Cayman III. Mr. Nussbaum disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein, and the inclusion of the shares in this report shall not be deemed to be an admission of beneficial ownership of the reported shares for purposes of Section 16 of the Securities Exchange Act of 1934 or otherwise.
  - (2) Represents shares of the Issuer held by Pontifax (Israel) III, L.P. ("Israel III"). Pontifax III is the general partner of Israel III. Management III is the general partner of Pontifax III. Mr. Nussbaum is a Managing Partner of Management III. By virtue of this relationship, Mr. Nussbaum may be deemed to share voting and dispositive power with respect to the shares held by Israel III. Mr. Nussbaum disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein, and the inclusion of the shares in this report shall not be deemed to be an admission of beneficial ownership of the reported shares for purposes of Section 16 of the Securities Exchange Act of 1934 or otherwise.
  - (3) Represents shares of the Issuer held by Pontifax (Cayman) IV, L.P. ("Cayman IV"). Pontifax IV GP L.P. ("Pontifax IV") is the general partner of Cayman IV. Pontifax Management 4 G.P. (2015) Ltd. ("Management 4") is the general partner of Pontifax IV. Mr. Nussbaum is a Managing Partner of Management 4. By virtue of this relationship, Mr. Nussbaum may be deemed to share voting and dispositive power with respect to the shares held by Cayman IV. Mr. Nussbaum disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein, and the inclusion of the shares in this report shall not be deemed to be an admission of beneficial ownership of the reported shares for purposes of Section 16 of the Securities Exchange Act of 1934 or otherwise.
  - (4) Represents shares of the Issuer held by Pontifax (Israel) IV, L.P. ("Israel IV"). Pontifax IV is the general partner of Israel IV. Management 4 is the general partner of Pontifax IV. By virtue of this relationship, Mr. Nussbaum may be deemed to share voting and dispositive power with respect to the shares held by Israel IV. Mr. Nussbaum disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein, and the inclusion of the shares in this report shall not be deemed to be an admission of beneficial ownership of the reported shares for purposes of Section 16 of the Securities Exchange Act of 1934 or otherwise.

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- Represents shares of the Issuer held by Pontifax (China) IV, L.P. ("China IV"). Pontifax IV is the general partner of China IV. Management 4 is the general partner of Pontifax IV. By virtue of this relationship, Mr. Nussbaum may be deemed to share voting and dispositive power with respect to the shares held by China IV. Mr. Nussbaum disclaims beneficial ownership of such shares, except to the extent of his pecuniary interest therein, and the inclusion of the shares in this report shall not be deemed to be an admission of beneficial ownership of the reported shares for purposes of Section 16 of the Securities Exchange Act of 1934 or otherwise.
- (5)

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**Remarks:**

Exhibit 24 - Power of Attorney. Gregory Weaver, Chief Financial Officer of the Issuer, is signing

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure.

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