Kariv Tomer Form 4 May 01, 2018

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

Number:

3235-0287

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January 31, 2005

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may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** Kariv Tomer			2. Issuer Name and Ticker or Trading Symbol Eloxx Pharmaceuticals, Inc. [ELOX]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
			(Month/Day/Year)	X Director 10% Owner			
C/O ELOXX			04/30/2018	Officer (give title Other (specify below)			
PHARMACE	UTICALS	, INC., 950		below)			
WINTER ST	REET, 4TI	H FLOOR					
NORTH							
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			

WALTHAM, MA 02451

X Form filed by One Reporting Person Form filed by More than One Reporting

(City)	(State)	(Zip) Tab	ole I - Non-	Derivative S	Securi	ties Acq	uired, Disposed	of, or Benefic	ially Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Transaction Date 2A. Deemed Ionth/Day/Year) Execution Date, if any (Month/Day/Year)			3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)			
Common Stock	04/30/2018		P(1)	84,041	A	\$ 9.75	468,585	I	By Pontifax Investment Fund (2)	
Common Stock	04/30/2018		P <u>(1)</u>	172,626	A	\$ 9.75	962,504	I	By Pontifax Investment Fund (3)	
Common Stock	04/30/2018		P(1)	93,333	A	\$ 9.75	520,396	I	By Pontifax Investment Fund (4)	

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Common Stock	2,287,937	I	Investment Fund (5)
Common Stock	4,900,249	I	By Pontifax Investment Fund (6)

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474

(9-02)

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exe	rcisable and	7. Tit	le and	8. Price of	Ç
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	ctionNumb	er Expiration I	Date	Amou	ınt of	Derivative	I
Security	or Exercise		any	Code	of	(Month/Day	/Year)	Unde	rlying	Security	5
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8	3) Deriv	ative		Secur	ities	(Instr. 5)	1
	Derivative				Secur	ities		(Instr	. 3 and 4)		(
	Security				Acqui	ired					1
					(A) or	r					1
					Dispo	sed					-
					of (D))					(
					(Instr.	. 3,					
					4, and	15)					
									Amount		
									or		
						Date	Expiration	Title	Number		
						Exercisable	Date		of		
				Code	V (A)	(D)			Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
. 0	Director	10% Owner	Officer	Other		
Kariv Tomer C/O ELOXX PHARMACEUTICALS, INC. 950 WINTER STREET, 4TH FLOOR NORTH WALTHAM, MA 02451	X					
0!						

Signatures

/s/ Gregory Weaver, Attorney	
in Fact	05/01/2018
**Signature of Reporting Person	Date

Reporting Owners 2

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(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) Reflects the purchase of shares in the follow-on offering of Common Stock of Eloxx Pharmaceuticals, Inc. that closed on April 30, 2018.
 - 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. Kariv is a
- Managing Partner of Management 4. By virtue of this relationship, Mr. Kariv may be deemed to share voting and dispositive power with respect to the shares held by Cayman IV. Mr. Kariv 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.
 - 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. Kariv may be deemed to share voting and
- (3) dispositive power with respect to the shares held by Israel IV. Mr. Kariv 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.
 - 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. Kariv may be deemed to share voting and
- (4) dispositive power with respect to the shares held by China IV. Mr. Kariv 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.
 - 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. Kariv is a Managing Partner of Management III. By virtue of this relationship, Mr. Kariv may be deemed to share voting and dispositive power with respect to the shares held by Cayman III. Mr. Kariv 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.
 - 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. Kariv is a Managing Partner of Management III. By virtue of this relationship, Mr. Kariv
- may be deemed to share voting and dispositive power with respect to the shares held by Israel III. Mr. Kariv 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.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.