

[] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

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

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# STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *					2. I	<u> </u>						5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
Margolis Jet	ff Eliot				Re	spi	reRx I	Pharma	aceutic	als Inc.	[ RSPI	` .				
(Last) (First) (Middle)					3. I	3. Date of Earliest Transaction (MM/DD/YYYY)									10% Owner	
						7/26/2017							give title belo		Other (speci	ty below)
C/O RESPII PHARMAC		ISINC	126					112	20/201/							
VALLEY R			., 120													
, , , , , , , , , , , , , , , , , , , ,	(Stre				4. I	f An	nendmei	nt, Date (	Original I	Filed (MM/I	DD/YYYY)	6. Individual	or Joint/G	roup Filing	(Check Appl	licable Line)
GLEN ROC	K. NJ 07	452										X Form filed	hy One Reno	arting Person		
	City) (Sta		p)											One Reporting I	Person	
`																
1.7714 0.00												neficially Own			L	la sv.
1.Title of Security (Instr. 3)				2. Trans		Execu	ution	tion (Instr. 8)		or Disposed of (D)		Following Reported	rities Beneficially Owned d Transaction(s)		6. Ownership Form:	<ol><li>Nature of Indirect</li></ol>
						Date, if		1 any		tr. 3, 4 and 5	)	Instr. 3 and 4)	str. 3 and 4)			Beneficial Ownership
										(A) c					or Indirect (I) (Instr.	(Instr. 4)
								Code	V Am	ount (D)	Price				4)	
	Tab	le II - Deri	ivative	Secur	ities E	Bene	ficially	Owned (	<i>e.g.</i> , pu	ts, calls, v	varrants,	options, conve	ertible sec	curities)		
Title of Derivate     Security	2. Conversion	3. Trans. Date	3A. Dee Execution		Trans.	Code	5. Number		6. Date Ex Expiration	ercisable and		d Amount of Underlying	8. Price of Derivative	9. Number of derivative	10. Ownership	11. Nature of Indirect
(Instr. 3)	or Exercise Price of Derivative Security	Date	Date, if		11511.0)		Securities Acquir (A) or Disposed of		Expiration	Date	Derivative (Instr. 3 an	Security	Security (Instr. 5)	Securities Beneficially	Form of Derivative	Beneficial Ownership
						(D)		•			(msu. 3 an	(1131. 3)		Owned	Security: Direct (D)	(Instr. 4)
							(Instr. 3,	4 and 3)	Date	Expiration		Amount or		Following Reported	or Indirect	
					Code	v	(A)	(D)	Exercisabl		Title	Number of Shares		Transaction(s) (Instr. 4)	(I) (Instr. 4)	
Common Stock Options (to										7/26/2022	Commor					
purchase shares of Common Stock)	\$2	7/26/2017			A (1)		25000		<u>(1)</u>	772072022	Stock	25000	\$0	25000	D	
Common Stock																
Options (to purchase shares of	\$2								<u>(2)</u>	6/30/2022	Commor Stock	30000		30000	I	By Trust
Common Stock) Common Stock																
Options (to purchase shares of	\$2								<u>(2)</u>	6/30/2022	Commor Stock	20000		20000	I	By Spouse
Common Stock)											Stock					Spouse
Common Stock Options (to	\$3.9								<u>(3)</u>	1/18/2022		35000		35000	I	By Trust
purchase shares of Common Stock)	φυ.,								_		Stock	23000		23000		<u>(4)</u>
Common Stock Options (to									(2)	1/18/2022	Commor	1			_	By Trust
purchase shares of Common Stock)	\$3.9								<u>(3)</u>	1,10,2022	Stock	15000		15000	I	<u>(7)</u>
Warrants (right to	\$6.9225 (8)								<u>(9)</u>	9/30/2020		2423 (8)		2423 (8)	I	By Trust
buy) Warrant (right to	\$6.9225 (8)								<u>(9)</u>	9/30/2020				2423 (8)	I	By Trust
buy) Common Stock	300220										Stock			1 - 1 - 2		<u>(6)</u>
Options (to purchase shares of	\$7.3775 (8)								<u>(10)</u>	3/31/2021	Commor Stock	40000 (8)		40000 (8)	I	By Trust
Common Stock)		1												1		
Common Stock Options (to	\$7.3775 (8)								<u>(10)</u>	3/31/2021		6154 (8)		6154 (8)	I	By Trust
purchase shares of Common Stock)	1.37.5										Stock	,,,,				(5)
Common Stock Options (to	05 2555 (8)								(10)	3/31/2021	Commor	1 21522 (8)		21520 (8)	,	By Trust
purchase shares of Common Stock)	\$7.3775 (8)								(10)		Stock	21539 (8)		21539 (8)	I	<u>(7)</u>
<del></del>	1	1	1	-+		+	<del></del>		t	1	1	i	<del>                                     </del>	t	<del>                                     </del>	i .

	Tab	le II - Deri	vative Sec	urities B	Bene	ficially Ov	vned (	( <i>e.g</i> . , put	s, calls, w	arrants, o	ptions, conve	ertible sec	curities)		
1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. (Instr. 8)	Code	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		1		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of	9. Number of derivative Securities Beneficially Owned Following	Security: Direct (D)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		Reported Transaction(s) (Instr. 4)	or Indirect (I) (Instr. 4)	
Common Stock Options (to purchase shares of Common Stock)	\$7.3775 (8)							(10)	3/31/2021	Common Stock	6154 (8)		6154 (8)	I	By Trust
Common Stock Options (to purchase shares of Common Stock)	\$6.396 (8)							(11)	8/18/2022	Common Stock	13847 (8)		13847 (8)	I	By Trust
Common Stock Options (to purchase shares of Common Stock)	\$6.396 (8)							(11)	8/18/2022	Common Stock	7693 (8)		7693 <u>(8)</u>	I	By Trust
Common Stock Options (to purchase shares of Common Stock)	\$6.396 (8)							(11)	8/18/2022	Common Stock	7693 <u>(8)</u>		7693 <u>(8)</u>	I	By Trust
Common Stock Options (to purchase shares of Common Stock)	\$6.396 (8)							(11)	8/18/2022	Common Stock	1539 (8)		1539 (8)	I	By Trust
Common Stock Options (to purchase shares of Common Stock)	\$8.125 (8)							(12)	6/30/2022	Common Stock	24616 <sup>(8)</sup>		24616 (8)	I	By Trust
Common Stock Options (to purchase shares of Common Stock)	\$8.125 (8)							<u>(12)</u>	6/30/2022	Common Stock	6154 (8)		6154 <sup>(8)</sup>	I	By Trust
Common Stock Options (to purchase shares of Common Stock)	\$8.125 (8)							<u>(12)</u>	6/30/2022	Common Stock	13847 (8)		13847 (8)	I	By Trust
Common Stock Options (to purchase shares of Common Stock)	\$8.125 (8)							<u>(12)</u>	6/30/2022	Common Stock	1539 <u>(8)</u>		1539 <u>(8)</u>	I	By Trust
Common Stock Options (to purchase shares of Common Stock)	\$16.25 (8)							<u>(13)</u>	7/17/2019	Common Stock	6994 <sup>(8)</sup>		6994 <sup>(8)</sup>	D	
Common Stock Options (to purchase shares of Common Stock)	\$16.25 (8)							(13)	7/17/2019	Common Stock	3077 (8)		3077 (8)	I	By Trust
Common Stock Options (to purchase shares of Common Stock)	\$16.25 (8)							(13)	7/17/2019	Common Stock	1119 (8)		1119 (8)	I	By Trust
Common Stock Options (to purchase shares of Common Stock)	\$16.25 (8)							(13)	7/17/2019	Common Stock	4196 (8)		4196 (8)	I	By Trust

### **Explanation of Responses:**

- (1) These Common Stock Options vest in three installments: 25 percent on July 26, 2017 (the grant date), 25 percent on September 30, 2017, and 50 percent on December 31, 2017.
- (2) These Common Stock Options vested upon issuance. These Common Stock Options vested in three installments: 25 percent on July 26, 2017 (the grant date), 25 percent on September 30, 2017, and 50 percent on December 31, 2017.
- (3) These Common Stock Options vested in three installments: 25 percent on January 18, 2017 (the grant date), 25 percent on March 31, 2017, and 50 percent on June 30, 2017, and are all currently vested.
- (4) These securities are held in a trust for the benefit of Mr. Margolis's spouse. Mr. Margolis is a trustee of the trust.
- (5) These securities are held in trusts for the benefit of Mr. Margolis's children. Mr. Margolis's spouse is a trustee of these trusts. Mr. Margolis disclaims beneficial ownership of these securities, and the filing of this report is not an admission that Mr. Margolis is the beneficial owner of these securities for purposes of Section 16 or any other purpose.
- (6) These securities are held in trusts for the benefit of Mr. Margolis's children. Mr. Margolis is a trustee of these trusts. Mr. Margolis disclaims beneficial ownership of these securities, and the filing of this report is not an admission that Mr. Margolis is the beneficial owner of these securities for purposes of Section 16 or any other purpose.
- (7) These securities are held in a trust for the benefit of Mr. Margolis. Mr. Margolis's spouse is a trustee of the trust.
- (8) The exercise price and number of shares of these securities have been adjusted to reflect the Company's 325-to-1 reverse stock split effective September 1, 2016

- (9) These Warrants were acquired by Mr. Margolis and his spouse in his capacity as President of Aurora Capital LLC, which served as placement agent in the Company's unit offering with each unit consisting of one share of common stock and warrants to purchase two additional shares of common stock, and represent his share of the Placement Agent Warrants awarded at each closing of that transaction. The warrants are currently exercisable.
- (10) These Common Stock Options vested in four equal installments: 25 percent on March 31, 2016 (the grant date), 25 percent on June 30, 2016, 25 percent on September 30, 2016, and 25 percent on December 31, 2016, and are all currently vested.
- (11) These Common Stock Options vested in four equal installments: 25 percent on December 31, 2015, 25 percent on March 31, 2016, 25 percent on June 30, 2016, and 25 percent on September 30, 2016, and are all currently vested.
- (12) These Common Stock Options vested in three installments: 50 percent on June 30, 2015, 25 percent on September 30, 2015, and 25 percent on December 31, 2015, and are all currently vested and exercisable.
- (13) These Common Stock Options vested in three equal installments on July 17, 2014, September 30, 2014 and December 31, 2014, and are all currently vested.

#### **Reporting Owners**

Domontino Overnor Norma / Address	Relationships							
Reporting Owner Name / Address	Director	10% Owner	Officer	Other				
Margolis Jeff Eliot C/O RESPIRERX PHARMACEUTICALS INC. 126 VALLEY ROAD, SUITE C GLEN ROCK, NJ 07452	X		SVP, CFO, Sec. & Treasurer					

#### **Signatures**

/s/ Jeff Eliot Margolis

\*\*Signature of Reporting Person

7/28/2017

Date

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

- \* 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).

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

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.