ALNYLAM PHARMACEUTICALS, INC.

12/02/2015

Stock

Stock

Common

Form 4

December 04, 2015

December	04, 2013										
	FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549								OMB AF OMB Number:	3235-0287	
Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. STATEMENT OF CHANGES IN BENEFICIAL ON SECURITIES Filed pursuant to Section 16(a) of the Securities Excharacter Section 17(a) of the Public Utility Holding Company Act							Exchange by Act of	Act of 1934, 1935 or Section	Expires: Estimated a burden hour response		
	truction	30(h) of	f the Inve	stmen	it Compa	ny A	ct of 1940				
MARAGANORE JOHN Sylvania			2. Issuer Na Symbol ALNYLA PHARMA ALNY]	M				5. Relationship of Reporting Person(s) to Issuer (Check all applicable) _X_ Director 10% Owner			
(Last) C/O ALNY PHARMA THIRD ST	Date of Ea Month/Day, 2/02/201	Year)	Fransaction			_X_ Officer (give title Other (specify below) below) Chief Executive Officer					
				d(Month/Day/Year) Ap					5. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting		
CAMBRII	OGE, MA 02142							erson	ore man One Re	porung	
(City)	(State)	(Zip)	Table I	- Non-	-Derivative	Secu	rities Acqu	ired, Disposed of,	or Beneficiall	y Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Da any (Month/Day/	Year) (Ins	le	onDisposed (Instr. 3, 4	of (D)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
Common Stock	12/02/2015		M	(1)	58,689	A	\$ 13.12	192,078	D		
Common	12/02/2015		<u>S(</u>	1)	9,983	D	\$ 103.1513	8 182,095	D		

S(1)

10,784 D

(2)

\$

(3)

104.0005 171,311

D

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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. Persons who respond to the collection of SEC 1474								
Common Stock						2,750	I	By Managed Account
Common Stock	12/02/2015	S <u>(1)</u>	700	D	\$ 106.6025 (6)	133,389	D	
Common Stock	12/02/2015	S <u>(1)</u>	16,984	D	\$ 106.0172 (5)	134,089	D	
Common Stock	12/02/2015	S(1)	20,238	D	\$ 105.1582 (4)	151,073	D	

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(9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactio Code (Instr. 8)	5. Number of actionDerivative Securities 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of D) Instr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 13.12	12/02/2015		M <u>(1)</u>	5	8,689	<u>(8)</u>	12/07/2015(1)	Common Stock	58,689

Reporting Owners

Reporting Owner Name / Address	Relationships					
Topolong O mark time / time to	Director	10% Owner	Officer	Other		
MARAGANORE JOHN C/O ALNYLAM PHARMACEUTICALS, INC. 300 THIRD STREET CAMBRIDGE, MA 02142	X		Chief Executive Officer			

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Signatures

/s/ Michael Mason, Attorney-in-Fact for: John M. Maraganore

12/04/2015

**Signature of Reporting Person

Date

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) The sales reported on this Form 4 were made pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 18, 2015. The 58,689 options exercised and sold by the reporting person were due to expire December 7, 2015.
- (2) Sale prices ranged from \$102.51 to \$103.50.
- (3) Sale prices ranged from \$103.51 to \$104.47.
- (4) Sale prices ranged from \$104.58 to \$105.57.
- (5) Sale prices ranged from \$105.58 to \$106.57.
- (6) Sale prices ranged from \$106.58 to \$106.6375.
- (7) The reporting person owns 2,750 shares of ALNY common stock under the ALNY 401(k) plan as a result of the ALNY 401(k) matching contribution program.
- (8) The stock option vested as to 25% of the shares on the first anniversary of the date of grant and as to an additional 6.25% of the shares each successive three month period thereafter.

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.

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