ALNYLAM PHARMACEUTICALS, INC.

Form 4 April 21, 2016

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB 3235-0287

Number:

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

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 * MARAGANORE JOHN			2. Issuer Name and Ticker or Trading Symbol ALNYLAM PHARMACEUTICALS, INC.	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last) 300 THIRD	(First) STREET	(Middle)	[ALNY] 3. Date of Earliest Transaction (Month/Day/Year) 04/19/2016	X Director 10% Owner X Officer (give title Other (specify below)		
CAMBRIDO	(Street) GE, MA 021	42	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City)	(State)	(Zip)	Table I Now Design 4'm Committee A.			

(City)	(State)	(Zip) Tab	ble I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned								
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired (A) Transactionor Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or			(D) (5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common Stock	04/19/2016		Code V M(1)	Amount 15,076	(D)	Price \$ 22.75	148,465	D			
Common Stock	04/19/2016		S <u>(1)</u>	9,371	D	\$ 67.0187 (2)	139,094	D			
Common Stock	04/19/2016		S <u>(1)</u>	5,405	D	\$ 68.0028 (3)	133,689	D			
Common Stock	04/19/2016		S(1)	300	D	\$ 68.7067	133,389	D			

Edgar Filing: ALNYLAM PHARMACEUTICALS, INC. - Form 4

					<u>(4)</u>			
Common Stock	04/20/2016	M <u>(1)</u>	15,075	A	\$ 22.75	148,464	D	
Common Stock	04/20/2016	S <u>(1)</u>	12,670	D	\$ 67.3753 (5)	135,794	D	
Common Stock	04/20/2016	S <u>(1)</u>	2,405	D	\$ 68.2444 <u>(6)</u>	133,389	D	
Common Stock						2,750	I	by Managed Account

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

(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. Transactic Code (Instr. 8)	5. Number of onDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		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)	\$ 22.75	04/19/2016		M(1)	15,076	<u>(8)</u>	12/14/2016	Common Stock	15,076
Stock Option (right to buy)	\$ 22.75	04/20/2016		M(1)	15,075	<u>(8)</u>	12/14/2016	Common Stock	15,075

Reporting Owners

Relationships Reporting Owner Name / Address

Reporting Owners 2

Edgar Filing: ALNYLAM PHARMACEUTICALS, INC. - Form 4

	Director	10% Owner	Officer	Other
MARAGANORE JOHN			Chief	
300 THIRD STREET	X		Executive	
CAMBRIDGE, MA 02142			Officer	

Signatures

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

Maraganore

04/21/2016

**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) All sales reported on this Form 4 were made pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on November 16, 2015. The 30,151 options exercised and sold by the reporting person were due to expire on December 14, 2016.
- (2) Sale prices ranged from \$66.58 to \$67.55.
- (3) Sale prices ranged from \$67.58 to \$68.41.
- (4) Sale prices ranged from \$68.61 to \$68.88.
- (5) Sale prices ranged from \$66.95 to \$67.94.
- (6) Sale prices ranged from \$67.96 to \$68.95.
- (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 vests as to 25% of the shares on the 1st anniversary of the date of the stock option 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.

Signatures 3