MARAGANORE JOHN

Form 4

August 23, 2018

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

10% Owner

Other (specify

0.5

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if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue. See Instruction

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.

[ALNY]

(Last) (First) (Middle)

(Street)

3. Date of Earliest Transaction

(Month/Day/Year) 08/21/2018

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

(Check all applicable)

Chief Executive Officer

Applicable Line)

_X__ Director

X_ Officer (give title

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

Person

Issuer

below)

CAMBRIDGE, MA 02142

300 THIRD STREET

(Zip) (State) (City) 1.Title of 2. Transaction Date 2A. Deemed

(Month/Day/Year) Execution Date, if

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

4. Securities TransactionAcquired (A) or Disposed of (D) Code (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (Instr. 4)

Following Reported

(A) Transaction(s) or (Instr. 3 and 4) Code V Amount (D) Price

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

(Month/Day/Year)

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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)

Conversion

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if

5. Number of TransactionDerivative

6. Date Exercisable and **Expiration Date**

7. Title and Amoun Underlying Securiti

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr.	8)	Securities Acquired (A or Disposed (D) (Instr. 3, 4, and 5)	d of	(Month/Day/Y	Month/Day/Year)		4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Performance Stock Option 2015 (right to buy)	\$ 88.95	08/21/2018		A <u>(1)</u>		16,250		08/21/2018	12/18/2025	Common Stock	16,2

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
MARAGANORE JOHN			Chief					
300 THIRD STREET	X		Executive					
CAMBRIDGE, MA 02142			Officer					

Signatures

By: /s/ Michael P. Mason, Attorney-in-Fact For: John M.
Maraganore

08/23/2018

**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).

On December 18, 2015, the reporting person was granted a performance based stock option to purchase shares of ALNY common stock.

One quarter of the shares subject to the option will vest upon the achievement of each of four specific clinical development or commercial events, as approved by our compensation committee. Effective August 21, 2018, the compensation committee of the Company determined the second performance criterion had been met and the option vested as to one-quarter of the shares.

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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