#### MARAGANORE JOHN

Form 4

December 21, 2017

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

**OMB APPROVAL** 

OMB 3235-0287 Number:

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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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person \* 2. Issuer Name and Ticker or Trading MARAGANORE JOHN Issuer Symbol **ALNYLAM** PHARMACEUTICALS, INC.

[ALNY]

3. Date of Earliest Transaction (Month/Day/Year)

12/19/2017

5. Relationship of Reporting Person(s) to

(Check all applicable)

\_X\_\_ Director 10% Owner X\_ Officer (give title Other (specify below)

Chief Executive Officer 300 THIRD STREET, THIRD

**FLOOR** 

(Last)

(Street) 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

CAMBRIDGE, MA 02142

(First)

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 3. 1.Title of 2. Transaction Date 2A. Deemed 4. Securities 5. Amount of Security (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Securities

(Instr. 3) Code (Month/Day/Year) (Instr. 8)

(Middle)

Disposed of (D) (Instr. 3, 4 and 5) Beneficially (D) or Owned Following Reported Transaction(s)

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

(Instr. 3 and 4) Code V (D) Price Amount

(A)

Common 12/19/2017 \$ 63 151,297 D M 1,587 Α Stock

by Common Ι Managed 2,960 Stock Account (1)

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

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(9-02)

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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)	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 proof Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercis Expiration Dat (Month/Day/Y	e	Underlying Securitie	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amoun or Numbe of Shares
Performance Based Stock Option 2016 (right to buy)	\$ 42.22	12/20/2017		A(2)	6,250	12/20/2017	12/20/2026	Common Stock	6,250
Stock Option (right to buy)	\$ 63	12/19/2017		M	1,587	(3)	12/18/2023	Common Stock	1,587

# **Reporting Owners**

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

## **Signatures**

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

12/21/2017

\*\*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 reporting person owns 2,960 shares of ALNY common stock under the ALNY 401(k) plan as a result of the ALNY 401(k) matching contribution program.
- On December 20, 2016, 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, regulatory or commercial events, as approved by our compensation committee. Effective December 20, 2017, the compensation committee of the Company determined the first performance criterion had been met and the option vested as to one-quarter of the shares.

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(3) 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

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