Soni Manmeet Singh Form 4 March 05, 2018

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:

January 31, Expires: 2005

0.5

Estimated average burden hours per

response...

Check this box if no longer subject to Section 16.

Form 4 or 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 *

Soni Manmeet Singh

2. Issuer Name and Ticker or Trading

Symbol

ALNYLAM

PHARMACEUTICALS, INC.

[ALNY]

(Last) (First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year) 03/01/2018

4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

below)

(Check all applicable)

Director 10% Owner X_ Officer (give title Other (specify

Chief Financial Officer

300 THIRD STREET

(Street)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

Person

CAMBRIDGE, MA 02142

Security

(Instr. 3)

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

4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or

Disposed of (D) Code (Instr. 8) (Instr. 3, 4 and 5) (Month/Day/Year)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of Securities Beneficially Owned Following

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

7. Nature of Indirect Ownership (Instr. 4)

(A) or Code V Amount (D) Price

Reported Transaction(s) (Instr. 3 and 4)

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

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.

SEC 1474 (9-02)

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

1. Title of Derivative Conversion 3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if

4 5. Number

6. Date Exercisable and Transaction of Derivative Expiration Date

7. Title and Amount of 8. l Underlying Securities

Edgar Filing: Soni Manmeet Singh - Form 4

Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8) A (A C (I (I	Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		Year)	(Instr. 3 and 4)		S	
				Code V	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (right to buy)	\$ 119.13	03/01/2018		A	8	8,938 (1)		(2)	02/28/2028	Common Stock	8,938	

(In

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
Soni Manmeet Singh			Chief					
300 THIRD STREET			Financial					
CAMBRIDGE, MA 02142			Officer					

Signatures

By: /s/ Michael P. Mason, Attorney-in-Fact For: Manmeet Soni 03/05/2018

**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).
- Represents the time-vested portion of the reporting person's Annual Stock Option Award for 2017. The reporting person also received
 (1) 8,937 options to purchase shares of ALNY common stock that will vest upon the achievement of three specific performance conditions, which will be reported on a Form 4 if and when each performance condition is met and the option vests.
- (2) 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 the remaining shares ratably at the end of each three-month period thereafter over the following thirty-three (33) months

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.

Reporting Owners 2