

Greene Barry E
Form 4
March 16, 2018

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
Greene Barry E

2. Issuer Name and Ticker or Trading Symbol
ALNYLAM
PHARMACEUTICALS, INC.
[ALNY]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
President

(Last) (First) (Middle)
300 THIRD STREET
(Street)

3. Date of Earliest Transaction (Month/Day/Year)
03/14/2018

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
___ Form filed by More than One Reporting Person

CAMBRIDGE, MA 02142

(City) (State) (Zip)

Table 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. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 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) | |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|---|
| | | | | (A) or (D) | Price | | | |
| Common Stock | 03/14/2018 | | S ⁽¹⁾ | 2,884 | D | \$ 140.43 | 97,544 | D |
| | | | | | | (2) | | |
| Common Stock | 03/14/2018 | | S ⁽¹⁾ | 7,250 | D | \$ 141.74 | 90,294 | D |
| | | | | | | (3) | | |
| Common Stock | 03/14/2018 | | S ⁽¹⁾ | 9,217 | D | \$ 142.68 | 81,077 | D |
| | | | | | | (4) | | |
| | 03/14/2018 | | S ⁽¹⁾ | 8,644 | D | | 72,433 | D |

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| | | | | | | | | | | |
|--------------|------------|--|------------------|-------|---|--------|--------|--------|---|------------------------|
| Common Stock | | | | | | \$ | | | | |
| | | | | | | 143.58 | | | | |
| | | | | | | (5) | | | | |
| Common Stock | 03/14/2018 | | S ⁽¹⁾ | 9,165 | D | \$ | 144.67 | 63,268 | D | |
| | | | | | | (6) | | | | |
| Common Stock | 03/14/2018 | | S ⁽¹⁾ | 1,300 | D | \$ | 145.41 | 61,968 | D | |
| | | | | | | (7) | | | | |
| Common Stock | | | | | | | 2,810 | | I | by Managed Account (8) |

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

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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. Transaction Code (Instr. 8) | 5. Number of Derivative 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) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Owned Following Transaction (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-----------|-------|
| | Director | 10% Owner | Officer | Other |
| Greene Barry E 300 THIRD STREET CAMBRIDGE, MA 02142 | | | President | |

Signatures

By: /s/ Michael P. Mason, Attorney-in-Fact For: Barry E.
Greene

03/16/2018

__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).
- (1) The sales reported on this Form 4 were made pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on January 11, 2018.
- (2) Sale prices ranged from \$140.00 to \$140.95
- (3) Sale prices ranged from \$141.12 to \$142.10
- (4) Sale prices ranged from \$142.12 to \$143.11
- (5) Sale prices ranged from \$143.12 to \$144.11
- (6) Sale prices ranged from \$144.14 to \$145.13
- (7) Sale prices ranged from \$145.16 to \$145.79
- (8) The reporting person owns 2,827 shares of ALNY common stock under the ALNY 401(k) plan as a result of the ALNY 401(k) matching contribution program.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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