Allen Patricia L Form 4 December 14, 2007

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

**OMB APPROVAL OMB** 

Expires:

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

3235-0287 Number: January 31,

2005

Section 16. Form 4 or Form 5

**SECURITIES** Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Estimated average burden hours per response... 0.5

obligations may continue. See Instruction

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 \*

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Allen Patricia L

Symbol

**ALNYLAM** PHARMACEUTICALS, INC.

(Check all applicable)

[ALNY]

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

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

VP of Finance/Treasurer

(Month/Day/Year) 12/12/2007

300 THIRD STREET (Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

CAMBRIDGE, MA 02142

(Zip) (State) (City) 1.Title of

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

Security (Instr. 3) 2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

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

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.

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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 Conversion 3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if

4 5. Number of TransactionDerivative

6. Date Exercisable and **Expiration Date** 

7. Title and Amount of 8 Underlying Securities

#### Edgar Filing: Allen Patricia L - Form 4

Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	or Dispose (D)	Acquired (A) or Disposed of (D) (Instr. 3, 4,		(Year)	(Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 31.39	12/12/2007		A	32,625		<u>(1)</u>	12/12/2017	Common Stock	32,625

## **Reporting Owners**

Reporting Owner Name / Address	Relationships							
Transfer and the same	Director	10% Owner	Officer	Other				
Allen Patricia L 300 THIRD STREET CAMBRIDGE MA 02142			VP of Finance/Treasurer					

## **Signatures**

/s/ Patricia L
Allen

12/14/2007

\*\*Signature of Pate 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 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.

Reporting Owners 2