Edgar Filing: Greene Barry E - Form 4

Greene Barry E Form 4									
December 14, 2007									
								PPROVAL	
UNIT	ED STATES		RITIES A			COMMISSIO	N OMB Number:	3235-0	287
Section 16. Form 4 or Form 5 Filed	F CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES Section 16(a) of the Securities Exchange Act of 1934, Public Utility Holding Company Act of 1935 or Section					Estimated burden hou response	Lanuary 31, 2005Estimated average burden hours per response0.5		
may continue. Section See Instruction 1(b).			•	•	ny Act of 1		01		
(Print or Type Responses)									
1. Name and Address of Repor Greene Barry E	2. Issuer Name and Ticker or Trading Symbol			Trading	5. Relationship of Reporting Person(s) to Issuer				
ALNYLAM PHARMACEUTICAI [ALNY]			TICALS,	INC.	(Ch Director	eck all applicabl	k all applicable) 10% Owner		
(Month/I						ve title Other (specify below) sident and COO			
300 THIRD STREET	12/12/2007								
(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					
CAMBRIDGE, MA 0214	42					Form filed by Person	More than One R	eporting	
(City) (State)	(Zip)	Tab	le I - Non-l	Derivative	Securities A	cquired, Disposed	of, or Beneficia	lly Owned	
1.Title of Security (Instr. 3)2. Transaction I (Month/Day/Ye	ar) Execution any	Date, if	3. Transactio Code (Instr. 8) Code V	Disposed (Instr. 3, 4	(A) or of (D)	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 o Indirect Beneficial Ownership (Instr. 4)	
Reminder: Report on a separate	e line for each c	lass of sec	urities bene	ficially ow	ned directly of	or indirectly.			
and the second se				Perso inform requir	ns who res nation cont red to response anys a current	spond to the colle tained in this form ond unless the fo ntly valid OMB co	n are not orm	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	2.	3. Transaction Date	3A. Deemed	4.	5. Number of	6. Date Exercisable and	7. Title and Amount c	of 8
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orDerivative	Expiration Date	Underlying Securities	D

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities (Month/Day/Year Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		'Year)	(Instr. 3 and 4)		S (1	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (right to buy)	\$ 31.39	12/12/2007		А	80,000		<u>(1)</u>	12/12/2017	Common Stock	80,000	

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	irector 10% Owner		Other				
Greene Barry E 300 THIRD STREET CAMBRIDGE, MA 02142			Preside and CO					
Signatures								
By: /s/ Patricia L Allen, Attorney Greene		12/14/2007						
** Signature of Reporti		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.