## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

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

OMB APPROVAL									
OMB Number:	3235-0287								
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1. Name and Address of Reporting Person* Cole Douglas G.		oorting Person <sup>*</sup>	2. Issuer Name <b>and</b> Ticker or Trading Symbol AGIOS PHARMACEUTICALS INC [AGIO]	5. Relationship of Reporting Person(s) to Issuer				
(Last) (First) (Middle) C/O AGIOS PHARMACEUTICALS, INC., 38 SIDNEY STREET, 2ND FLOOR			3. Date of Earliest Transaction (Month/Day/Year) 05/30/2014	(Check all applicable)  X Director 10% Owner  Officer (give Other (specititle below) below)				
(Street) CAMBRIDGE MA 02139			4. If Amendment, Date of 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				
(City)	(State)	(Zip)		Person				

	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)	Code	Transaction Code (Instr. 8)		rities d (A) d of , 4 a (A) or (D)	or	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)		

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. Transac Code (Instr. 8		of Deriva Securi Acquir (A) or Dispos of (D) (Instr.	Derivative Securities Acquired (A) or Disposed		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (right to buy)	\$ 35.16	05/30/2014		Α		12,500		(1)	05/29/2024	Common Stock	12,500	\$0	12,500	D	

## **Explanation of Responses:**

1. This option was granted on May 30, 2014. The shares underlying this option vest as to 100% of the underlying shares on May 30, 2015. Mr. Cole is a member of Flagship Ventures 2007 General Partner LLC, the sole general partner of Flagship Ventures Fund 2007, L.P. (the "Fund"). The Fund is a reporting person and has filed Forms 3 and 4 reporting its ownership of shares of the Issuer's common stock. Mr. Cole disclaims beneficial ownership of the Fund's shares, except to the extent of his pecuniary interest therein.

/s/ Glenn Goddard, as
Attorney-in-fact for Douglas
Cole

\*\* Signature of Reporting

Date

Person Date

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

 $^{\star}$  If the form is filed by more than one reporting person, see Instruction 4(b)(v).

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

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 Number.

<sup>\*\*</sup> Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).