FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person [*] Cantley Lewis Clayton Jr.	2. Issuer Name and Ticker or Trading Symbol AGIOS PHARMACEUTICALS INC [AGIO]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner Officer (give title Other (specify
(Last) (First) (Middle) C/O AGIOS PHARMACEUTICALS, INC.	3. Date of Earliest Transaction (Month/Day/Year) 05/19/2015	below) below)
38 SIDNEY STREET, 2ND FLOOR (Street) CAMBRIDGE MA 02139 (City) (State) (Zip)	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 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)	3. Transaction Code (Instr. 8)		4. Securities Disposed O 5)			5. Amount of Securities Beneficially Owned	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership
			Code	v	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	(Instr. 4)
Common stock	05/19/2015		S ⁽¹⁾		2,426	D	\$116.69(2)	169,688	D	
Common stock	05/19/2015		S ⁽¹⁾		2,426	D	\$116.66(2)	169,688	I	See footnote ⁽³⁾
Common stock	05/20/2015		S ⁽¹⁾		2,426	D	\$116.6 ⁽⁴⁾	167,262	D	
Common stock	05/20/2015		S ⁽¹⁾		2,426	D	\$116.6 ⁽⁵⁾	167,262	I	See footnote ⁽³⁾

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		3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transact Code (In 8)		5. Number of Derivative Derivative (Month/Day/Year) Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		ate	Amour Securi Underl Deriva Securi	7. Title and 8 Amount of o Securities D Underlying S Derivative (I Security (Instr. 3 and 4)		9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	Ownership Form: Direct (D)	Beneficial Ownership	
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

Explanation of Responses:

1. This sale was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person.

2. The price reported is the weighted average of the shares sold. The shares were sold at varying prices in the range of \$115.00 to \$118.92. The reporting person undertakes, upon request by the staff of the Securities and Exchange Commission, the issuer, or a security holder of the issuer, to provide full information regarding the number of shares sold at each separate price.

3. Shares held by Vicki Lee Sato, who is the reporting person's spouse.

4. The price reported is the weighted average of the shares sold. The shares were sold at varying prices in the range of \$116.09 to \$117.24. The reporting person undertakes, upon request by the staff of the Securities and Exchange Commission, the issuer, or a security holder of the issuer, to provide full information regarding the number of shares sold at each separate price.

5. The price reported is the weighted average of the shares sold. The shares were sold at varying prices in the range of \$116.13 to \$117.24. The reporting person undertakes, upon request by the staff of the Securities and Exchange Commission, the issuer, or a security holder of the issuer, to provide full information regarding the number of shares sold at each separate price.

Remarks:

<u>/s/ Glenn Goddard, as</u> <u>Attomey-in-Fact for Lewis C.</u> <u>05/21/2015</u> <u>Cantley Jr.</u>

** Signature of Reporting Person Date

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

* 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).

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.