

Schenkein David P  
 Form 4  
 January 25, 2018

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2015  
 Estimated average burden hours per response... 0.5

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 \*  
 Schenkein David P

2. Issuer Name and Ticker or Trading Symbol  
 AGIOS PHARMACEUTICALS INC  
 [AGIO]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Chief Executive Officer

(Last) (First) (Middle)

C/O AGIOS  
 PHARMACEUTICALS, INC., 88  
 SIDNEY STREET

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 01/23/2018

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 02139

(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)
			Code	V	Amount	(A) or (D)	Price
Common stock	01/23/2018		M <sup>(1)</sup>		32,875	A	\$ 0.3025
Common stock	01/23/2018		S <sup>(2)</sup>		32,875	D	\$ 80.01 <sup>(3)</sup>
Common stock	01/24/2018		M <sup>(1)</sup>		13,533	A	\$ 0.3025
Common stock	01/24/2018		S <sup>(2)</sup>		13,533	D	\$ 80.01 <sup>(4)</sup>
							271,772
							I

Common stock						See footnote (5)
Common stock		79,082	I			See footnote (6)

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

**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 control number.**

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 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. Amount or Number of Shares
Stock option (right to buy)	\$ 0.3025	01/23/2018		M <sup>(1)</sup>	32,875	<sup>(7)</sup> 08/12/2019	Common stock	32,875
Stock option (right to buy)	\$ 0.3025	01/24/2018		M <sup>(1)</sup>	13,533	<sup>(8)</sup> 08/12/2019	Common stock	13,533

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Schenkein David P C/O AGIOS PHARMACEUTICALS, INC. 88 SIDNEY STREET CAMBRIDGE, MA 02139	X		Chief Executive Officer	

## Signatures

/s/ William Cook, as Attorney in Fact for David Schenkein

01/25/2018

\_\_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) This exercise was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person.

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

(3) The price reported is the weighted average of the shares sold. The shares were sold at varying prices in the range of \$80.00 to \$80.10. 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.

(4) The price reported is the weighted average of the shares sold. The shares were sold at varying prices in the range of \$80.00 to \$80.07. 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) Shares held by David P. Schenkein 2004 Revocable Trust, of which the reporting person is trustee and beneficiary.

(6) Shares held by Amy P. Schenkein 2004 Revocable Trust, of which the reporting person's spouse is trustee and beneficiary.

(7) This option was granted on August 13, 2009. The shares underlying this option vest as to 25% of the shares on August 1, 2010, with the remaining 75% vesting in 36 equal monthly installments thereafter.

(8) This option was granted on August 13, 2009. The option vested as to 50% of the underlying shares upon the achievement of a performance milestone, as determined by the issuer's Board of Directors on June 3, 2010, and as to the remaining 50% of the underlying shares in equal monthly installments through June 3, 2013.

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.