Schenkein David P Form 4 December 05, 2017

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

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

1(b).

(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) | | | |
|---|--|---------|--|---|------------|---|-----------------|---|---|---|--|
| (Last) | (Last) (First) (Middle) | | | f Earliest Tr Day/Year) | ansaction | | | X Director 10% OwnerX Officer (give title Other (specify below) | | | |
| C/O AGIOS | | | 12/01/2017 | | | | | Chief Executive Officer | | | |
| PHARMAC SIDNEY ST | EUTICALS, IN TREET | NC., 88 | | | | | | | | | |
| (Street) | | | 4. If Ame | endment, Da | te Origina | 1 | | 6. Individual or Joint/Group Filing(Check | | | |
| | Filed(Month/Day/Year) | | | | | Applicable Line) _X_ Form filed by One Reporting Person | | | | | |
| CAMBRID | GE, MA 02139 | | | | | | | Form filed by M Person | 1 0 | | |
| (City) | (State) | (Zip) | (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | |
| 1.Title of Security (Instr. 3) | 2. Transaction Date 2A. Deemed (Month/Day/Year) Execution D any (Month/Day | | Date, if | Date, if Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) | | | d of (D) | 5. Amount of Securities Beneficially Owned Following | 6. Ownership Form: Direct (D) or Indirect (I) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | Code V | Amount | (A) or (D) | Price | Reported Transaction(s) (Instr. 3 and 4) | (Instr. 4) | | |
| Common stock | 12/01/2017 | | | M <u>(1)</u> | 6,000 | A | \$ 0.3025 | 6,000 | D | | |
| Common stock | 12/01/2017 | | | S(2) | 5,600 | D | \$ 61.51 (3) | 400 | D | | |
| Common stock | 12/01/2017 | | | S(2) | 400 | D | \$ 62.08 (4) | 0 | D | | |
| Common stock | | | | | | | | 271,772 | I | See footnote (5) | |

See Common 79,082 Ι footnote stock (6)

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 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. Transactic Code (Instr. 8) | Transaction Derivative Code Securities | | 6. Date Exer Expiration D (Month/Day/ | ate | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | |
|---|---|--------------------------------------|---|--|--|-------|---|--------------------|---|--|
| | | | | Code V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
| Stock option (right to buy) | \$ 0.3025 | 12/01/2017 | | M(1) | | 6,000 | <u>(7)</u> | 08/12/2019 | Common stock | 6,000 |

Reporting Owners

Relationships Reporting Owner Name / Address 10% Owner Officer Other

Schenkein David P

C/O AGIOS PHARMACEUTICALS, INC. X Chief Executive Officer 88 SIDNEY STREET

CAMBRIDGE, MA 02139

Signatures

/s/ William Cook, as Attorney in Fact for David 12/05/2017 Schenkein

> **Signature of Reporting Person Date

Reporting Owners 2

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.
- The price reported is the weighted average of the shares sold. The shares were sold at varying prices in the range of \$61.03 to \$61.91. The (3) 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.
- The price reported is the weighted average of the shares sold. The shares were sold at varying prices in the range of \$62.04 to \$62.10. The (4) 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.

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.