## FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b). UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

|                       | OMB APPROVAL             |     |  |  |  |  |  |  |  |  |  |
|-----------------------|--------------------------|-----|--|--|--|--|--|--|--|--|--|
| OMB Number: 3235-0287 |                          |     |  |  |  |  |  |  |  |  |  |
|                       | Estimated average burden |     |  |  |  |  |  |  |  |  |  |
|                       | hours per response:      | 0.5 |  |  |  |  |  |  |  |  |  |

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

| 1. Name and Address of Reporting Person*<br>Jones Cecilia | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br>AGIOS PHARMACEUTICALS, INC. | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>Director 10% Owner  |
|---|---|---|
| (Last) (First) (Middle)                                   | AGIO ]  | Officer (give title below)         Other (specify below)  |
| C/O AGIOS PHARMACEUTICALS, INC.<br>88 SIDNEY STREET       | 3. Date of Earliest Transaction (Month/Day/Year)<br>09/26/2024                    | Chief Financial Officer   |
| (Street)<br>CAMBRIDGE MA 02139<br>(City) (State) (Zip)    | 4. If Amendment, Date of Original Filed (Month/Day/Year)                          | <ul> <li>6. Individual or Joint/Group Filing (Check Applicable Line)</li> <li>Form filed by One Reporting Person</li> <li>Form filed by More than One Reporting Person</li> </ul> |

## Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction<br>Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 3.<br>Transaction<br>Code (Instr.<br>8) |   |        |               |         | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following<br>Reported | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |
|---------------------------------|--|---|---|---|--------|---------------|---------|---|---|---|
|                                 |  |   | Code                                    | v | Amount | (A) or<br>(D) | Price   | Transaction(s)<br>(Instr. 3 and 4)  |   | (Instr. 4)  |
| Common stock                    | 09/26/2024                                 |   | М                                       |   | 7,473  | A             | \$0     | 22,700 <sup>(1)</sup>   | D   |   |
| Common stock                    | 09/26/2024                                 |   | <b>S</b> <sup>(2)</sup>                 |   | 2,542  | D             | \$49.03 | 20,158  | D   |   |

## Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| (,,,,   |   |  |   |                              |   |   |       |                     |                    |                 |   |  |  |  |  |
|---|---|--|---|------------------------------|---|---|-------|---------------------|--------------------|-----------------|---|--|--|--|--|
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3) | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | 4.<br>Transa<br>Code (<br>8) |   | 5. Number<br>of Expiration Date<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |       | ate                 | e Amount of        |                 | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|   |   |  |   | Code                         | v | (A)   | (D)   | Date<br>Exercisable | Expiration<br>Date | Title           | Amount<br>or<br>Number<br>of<br>Shares              |  |  |  |  |
| Restricted stock units                              | (3)   | 09/26/2024                                 |   | М                            |   |   | 7,473 | (4)                 | (4)                | Common<br>stock | 7,473   | \$ <mark>0</mark>  | 7,472  | D  |  |

Explanation of Responses:

1. Includes 1,329 shares purchased through the Company's employee stock purchase plan.

2. Shares sold to cover the tax withholding obligation in respect of vesting of the reporting person's restricted stock units. This transaction was effected pursuant to durable automatic sale instructions consistent with the affirmative defense to liability under Section 10(b) of the Securities Exchange Act of 1934 under Rule 10b5-1(c) promulgated under such Act. Such instructions were included in the reporting person's restricted stock unit agreement dated September 26, 2022.

3. Each restricted stock unit represents a contingent right to receive one share of the issuer's common stock.

4. The restricted stock units were granted on September 26, 2022. Beginning on September 26, 2023, the shares underlying the restricted stock units will vest in three equal annual installments.

Remarks:

## /s/ William Cook, as attorney-09/30/2024

in-fact for Cecilia Jones

\*\* 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.

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