FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

| Machinatan  | D C  | 20540 |  |
|-------------|------|-------|--|
| Nashington, | D.C. | 20049 |  |

| STATEMENT | OF CHANGES                              | IN BENEFICIAL | OWNERSHIP                               |
|-----------|---|---------------|---|
| • ., =    | • • • · · · · · · • • • • • • • • • • • |               | • |

| OMB APPROVAL             |           |  |  |  |  |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |  |  |  |  |
| hours per respon         | se· 0.5   |  |  |  |  |  |  |  |  |  |  |

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

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*  Foster-Cheek Kaye I       |   |  |                 |  | AG      | 2. Issuer Name and Ticker or Trading Symbol AGIOS PHARMACEUTICALS, INC. [ AGIO ]   |        |   |  |               |   |   |   |   | all app<br>Direc  | p of Reporting Pe<br>blicable)<br>ctor<br>er (give title   |                     | 10%  | Issuer Owner (specify                    |  |  |
|---|---|--|-----------------|--|---------|--|--------|---|--|---------------|---|---|---|---|---|--|---------------------|--|--|--|--|
| (Last) (First) (Middle) C/O AGIOS PHARMACEUTICALS, INC.             |   |  |                 |  |         | 3. Date of Earliest Transaction (Month/Day/Year) 03/05/2024  |        |   |  |               |   |   |   |   | below   |  | C                   | belov  |  |  |  |
|   | EY STREE  |  | , 11            | C.   | 4. If / | 4. If Amendment, Date of Original Filed (Month/Day/Year)   |        |   |  |               |   |   |   | 6. Individual or Joint/Group Filing (Check Applicable Line) |   |  |                     |  |  |  |  |
| (Street)  | (Street) CAMBRIDGE MA 02139   |  |                 |  |         |  |        |   |  |               |   |   |   |   | X Form filed by One Reporting Person  Form filed by More than One Reporting  Person |  |                     |  |  |  |  |
| (City)  | (St   | ate) (Z                                    | (ip)            |  |         | Rule 10b5-1(c) Transaction Indication  |        |   |  |               |   |   |   |   |   |  |                     |  |  |  |  |
| l   |   |  |                 |  |         | Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. |        |   |  |               |   |   |   |   |   |  |                     |  |  |  |  |
|   |   | Table                                      | I - N           | lon-Deriva                                   | tive S  | Secui  | rities | Ac  | quire  | ed, Di        | sposed o  | f, or E   | Benefici  | ally  | Own   | ed   |                     |  |  |  |  |
| 1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/You |   | /ear)   i                                  | Execution Date, |  | ·       | 3.<br>Transaction<br>Code (Instr.<br>8)  |        | 4. Securities Acquired (A) or<br>Disposed Of (D) (Instr. 3, 4 a |  |               | nd 5) Securities<br>Beneficially<br>Owned Followi |   | es<br>ally<br>following                             | Form:   | nership<br>Direct<br>Indirect<br>str. 4)  | 7. Nature of Indirect Beneficial Ownership   |                     |  |  |  |  |
|   |   |  |                 |  |         |  |        |   | Code   | v             | Amount  | (A) or<br>(D)   | Price   | 1   | Reported<br>Transaction(s)<br>(Instr. 3 and 4)                                      |  |                     |  | (Instr. 4)                               |  |  |
| Common  | stock   |  |                 | 03/05/202                                    | 24      | 24   |        |   | S  |               | 300   | D   | \$32.21   | .21 11,224  |   |  | D                   |  |  |  |  |
| Common stock 03/06/202  |   |  |                 |  | 24      |  |        |   | S  |               | 4,415   | D   | \$31.99   | .99(1)  |   | 6,809  |                     | D  |  |  |  |
| Common stock  |   |  |                 |  |         |  |        |   |  |               |   |   | 2,2   |   | 2,200   |  | I                   | By Foster<br>Family<br>Revocable<br>Trust                          |  |  |  |
|   |   | Tab  | ole I           | l - Derivati<br>(e.g., pι                    |         |  |        |   |  |               | posed of,<br>convertib                            |   |   |   | Owned   | d  |                     |  |  |  |  |
| 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) | Exec<br>if an   | Deemed<br>cution Date,<br>y<br>nth/Day/Year) |         | 4. 5. Number of Code (Instr. Derivative  |        |   | 6. Date Exercisable a<br>Expiration Date<br>(Month/Day/Year) |               |   | 7. Titl<br>Amou<br>Secur<br>Under<br>Derivi<br>Secur<br>3 and | int of<br>rities<br>rlying<br>ative<br>rity (Instr. | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)         |   | 9. Number<br>derivative<br>Securitie<br>Beneficia<br>Owned<br>Following<br>Reported<br>Transacti<br>(Instr. 4) | e<br>s<br>ally<br>g | 10.<br>Ownersh<br>Form:<br>Direct (D)<br>or Indirec<br>(I) (Instr. | Beneficial<br>Ownership<br>tt (Instr. 4) |  |  |
|   |   |  |                 |  | Code    | v  | (A)    | (D)   | Date<br>Exe  | e<br>rcisable | Expiration<br>Date                                | Title   | Amount<br>or<br>Number<br>of<br>Shares              |   |   |  |                     |  |  |  |  |

## **Explanation of Responses:**

1. The price reported is the weighted average of the shares sold. The shares were sold at varying prices in the range of \$31.99 to \$32.04. 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:

/s/ William Cook, as Attorney- 03/07/2024 in-fact for Kaye Foster

\*\* 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.