FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, I | 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 | STATEMENT OF C |
|---|---------------------|
| Instruction 1(b). | Filed pursuant to 9 |

HANGES IN BENEFICIAL OWNERSHIP

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

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

| Name and Address of Reporting Person* Alenson Carman | | | | 2. Issuer Name and Ticker or Trading Symbol AGIOS PHARMACEUTICALS, INC. [AGIO] | | | | | | | | | neck all app Direc | , | | rson(s) to Is 10% O Other (| wner |
|--|---|---------------|---------------------------|--|---|--|---|---------|--|-----------|-------|---|--|--|--|--|---|
| ` ′ | (First) (Middle) S PHARMACEUTICALS INC. Y STREET | | | | 3. Date of Earliest Transaction (Month/Day/Year) 04/15/2021 | | | | | | | | Prin | icipal Acc | | | |
| , | |)2139 Zip) | 4. If | Amend | ment, | Date of | f Origina | l Filed | I (Month/Da | y/Yea | r) | Lin | e) X Form | r Joint/Grou filed by On filed by Mo on | e Rep | orting Pers | on |
| | Table | l - Non-Der | rivative | Secui | rities | Acq | uired, | Dis | osed of | , or l | Ben | eficia | ally Own | ed | | | |
| Date | | | ansaction hth/Day/Year | Execution Date, | | Date, | 3. Transaction Code (Instr. 8) 4. Securities A Disposed Of (D 5) | | | | | | Benefi | ties cially I Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | | | Code | v | Amount | (A (D |) or) | Price | Transa | ction(s) 3 and 4) | | | (111501.4) | |
| Common stock 04/15/3 | | | | /2021 | | S ⁽¹⁾ | | 991 | | D | \$54 | 54 1,118 ⁽²⁾ | | | D | | |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | |
| Security or Exercise (Instr. 3) Price of | tive Conversion or Exercise (Month/Day/Year) Price of Derivative Execution Date, if any (Month/Day/Year) | | Code 8) | ransaction of ode (Instr. Derivative | | Date Expiration Date (Month/Day/Year) Expiration Expiration | | | 7. Title and Amount of Securities Underlying Derivative Security (Ins 3 and 4) | | nstr. | 8. Price of Derivative Security (Instr. 5) | 9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4) | у | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |

Explanation of Responses:

- $1. \ This \ sale \ was \ effected \ pursuant \ to \ a \ Rule \ 10b5-1 \ trading \ plan \ adopted \ by \ the \ reporting \ person.$
- 2. Includes 314 shares purchased through the Company's employee stock purchase plan.

Remarks:

/s/ William Cook as attorneyin-fact for Carman Alenson

04/16/2021

** 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.