## FORM 4

Explanation of Responses:

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden

03/07/2023

Date

| Check this box i                                       | if no longer subj   | ect to                                     |   |      |  |   |  | _                                       |  |  |                            |                   |  |   |   | Linours  | per resp  | unse.   | 0.5                                   |  |
|--|---|--|---|------|--|---|--|---|--|--|----------------------------|-------------------|--|---|---|--|---|---|---------------------------------------|--|
| Section 16. Form<br>may continue. S                    | m 4 or Form 5 o<br>See Instruction 1                                  | bligations<br>(b).                         |   | F    | iled pu  | ursuan<br>or Sec  | t to Secti<br>tion 30(h  | ion 16(a)<br>) of the Ir                | of the Senvestmer                                  | ecuritie<br>nt Corr  | es Exchange<br>pany Act of | e Act (<br>f 1940 | of 1934<br>)   |   |   |  |   |   |                                       |  |
| 1. Name and Address of Reporting Person*<br>Smith Stan |   |  |   |      | 2. Issuer Name and Ticker or Trading Symbol<br>MAIA Biotechnology, Inc. [MAIA] |   |  |   |  |  |                            |                   |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |   |  |   |   |                                       |  |
|  |   |  |   |      |  |   |  |   |  |  |                            |                   |  | X   | Director  |  | 10% Owner   |   |                                       |  |
| (Last) (First) (Middle)                                |   |  |   |      | 3. Date of Earliest Transaction (Month/Day/Year)<br>03/03/2023                 |   |  |   |  |  |                            |                   |  | _   | Officer (give title<br>below)                                     |  |   | Other (s<br>below)  | specify                               |  |
| 444 WEST LAKE STREET, SUITE 1700                       |   |  |   |      |  |   |  |   |  |  |                            |                   |  |   |   |  |   |   |                                       |  |
| (Street)   |   |  |   |      | 4. If Amendment, Date of Original Filed (Month/Day/Year)                       |   |  |   |  |  |                            |                   |  | 6. Indiv  | 6. Individual or Joint/Group Filing (Check Applicable Line)       |  |   |   |                                       |  |
| CHICAGO IL 60606                                       |   |  |   |      |  |   |  |   |  |  |                            |                   |  | X Form filed by One Reporting Person                                    |   |  |   |   |                                       |  |
| (City)   | (State) (Zip)   |  |   |      |  |   |  |   |  |  |                            |                   |  |   |   | Form filed by More than One Reporting Person                                     |   |   |                                       |  |
|  |   | Ţ  | able I - Non  | -Dei | rivati   | ve S  | ecuriti  | es Acq                                  | uired,   | Disp   | osed of                    | , or l            | Benefi   | cially Ow   | ned   |  |   |   |                                       |  |
| Date   |   |  |   |      |  | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |  | 3.<br>Transaction<br>Code (Instr.<br>8) |  | 4. Securities Acquired (A) or<br>Disposed Of (D) (Instr. 3, 4 ar |                            |                   | 5. Amount of<br>Securities<br>Beneficially Owned<br>Following Reported                     |   | 6. Ownership<br>Form: Direct (D)<br>or Indirect (I)<br>(Instr. 4) |  | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership |   |                                       |  |
|  |   |  |   |      |  |   |  |   | Code   | v  | Amount                     |                   | (A) or<br>(D)  | Price   | Transaction<br>(Instr. 3 and                                      |  |   |   | (Instr. 4)                            |  |
| Common Stock 03/                                       |   |  |   |      | 3/03/2023  |   |  |   | P 2,509 <sup>(1)(2)</sup>                          |  | A                          | \$4.43            | 520,115  |   |   | Ι  | See<br>Footnote <sup>(</sup>                        |   |                                       |  |
| Common Stock 03/0                                      |   |  |   |      | 03/06/2023   |   |  |   | Р  |  | 4,594 <sup>(1)(3)</sup>    |                   | A  | \$4.39  | 524,709   |  |   | I   | See<br>Footnote <sup>(</sup>          |  |
|  |   |  | Table II - D<br>(e                                      |      |  |   |  |   |  |  | sed of, o<br>onvertible    |                   |  |   | d   |  |   |   |                                       |  |
| 1. Title of<br>Derivative<br>Security (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/Ye | e,   | 4.<br>Transaction<br>Code (Instr.<br>)<br>8)                                   |   | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed of<br>(D) (Instr. 3, 4<br>and 5) |   | 6. Date Exercia<br>Expiration Dat<br>(Month/Day/Ye |  | e Secu<br>ar) Deriv        |                   | 7. Title and Amount of<br>Securities Underlying<br>Derivative Security (Instr.<br>3 and 4) |   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)               | 9. Numbo<br>derivativ<br>Securitie<br>Beneficia<br>Owned<br>Followin<br>Reported | re<br>es<br>ally<br>g<br>d                          | e Ownership<br>s Form:<br>lly Direct (D)<br>or Indirect<br>g (I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |  |
|  |   |  |   |      | Code   | v   | (A)  | (D)                                     | Date<br>Exercis                                    | able   | Expiration<br>Date         | Title             | •  | Amount or<br>Number of<br>Shares  |   | Transact<br>(Instr. 4)   |   |   |                                       |  |

/s/ Stan V. Smith \*\* Signature of Reporting Person

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.

Exchange Commission, to any security holder of the Issuer, or to the Issuer, upon request, full information regarding the number of shares purchased at each separate price within the range set forth above

Exchange Commission, to any security holder of the Issuer, or to the Issuer, upon request, full information regarding the number of shares purchased at each separate price within the range set forth above

1. The purchases reported in this Form 4 were automatically effected pursuant to a previously executed purchasing plan of The Stan V. Smith Trust Dated 1993 that is intended to comply with Rule 10b5-1(c) promulgated under the Securities Exchange Act of 1934, as amended. These securities are beneficially owned by Mr. Smith through The Stan V. Smith Trust Dated 1993. 2. The price reported is a weighted average price. The shares were purchased in multiple transactions at prices ranging from \$4.39 to \$4.50, inclusive. The Reporting Person undertakes to provide to the staff of the Securities and

3. The price reported is a weighted average price. The shares were purchased in multiple transactions at prices ranging from \$4.23 to \$4.50 inclusive. The Reporting Person undertakes to provide to the staff of the Securities and

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

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).