FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. 20549 |
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|-------------|------------|

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APP                  | OMB APPROVAL |  |  |  |  |  |  |  |  |  |
|--------------------------|--------------|--|--|--|--|--|--|--|--|--|
| OMB Number:              | 3235-0287    |  |  |  |  |  |  |  |  |  |
| Estimated average burden |              |  |  |  |  |  |  |  |  |  |
| hours per response:      | 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*  Keyt Bruce |   |  |  |         |                              | 2. Issuer Name and Ticker or Trading Symbol IGM Biosciences, Inc. [ IGMS ] |        |                                   |   |                         |  |                    |   |  | (Ch   | Relationship of Reporting Person(s) to Issuer (Check all applicable)     Director   |   |   |   |                                       |  |
|--|---|--|--|---------|------------------------------|--|--------|-----------------------------------|---|-------------------------|--|--------------------|---|--|---|---|---|---|---|---------------------------------------|--|
|  | 1 BIOSCIE   | NCES, INC.                                 | (Middle)                                     |         |                              | Date o   |        | est Tran                          | sact  | tion (M                 | onth/  | Day/Year)          |   |  | - A below) below)  Chief Scientific Officer |   |   |   |   |                                       |  |
| (Street) MOUNT VIEW (City)                           | C   |  | 94043<br>(Zip)                               |         | 4. I                         | 4. If Amendment, Date of Original Filed (Month/Day/Year)                   |        |                                   |   |                         |  |                    |   |  | Line  | Individual or Joint/Group Filing (Check Applicable ne)  X Form filed by One Reporting Person Form filed by More than One Reporting Person |   |   |   |                                       |  |
|  |   | Tab  | le I - No                                    | n-Deriv | ative                        | Sec  | curiti | ies Ac                            | qui   | ired,                   | Dis  | posed c            | of, or B                                  | enef   | icial                                       | ly Owned  | t t   |   |   |                                       |  |
| Date   |   |  | 2. Transa<br>Date<br>(Month/D                |         | ır) Ei                       | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year)                |        | 3.<br>Transaction<br>Code (Instr. |   |                         | 4. Securities Acquired (A)<br>Disposed Of (D) (Instr. 3, 4<br>5) |                    | or<br>4 and                               | 5. Amour<br>Securities<br>Beneficia<br>Owned F   | s<br>Illy<br>ollowing                       | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)   |   | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership |   |                                       |  |
|  |   |  |  |         |                              |  |        |                                   |   | Code                    | v  | Amount             | (A) (D)                                   | a) or Price  |   | Reported<br>Transaction(s)<br>(Instr. 3 and 4)  |   |   |   | Instr. 4)                             |  |
| Common Stock 04/0                                    |   |  |  |         | /2022                        | 2022   |        | 1                                 | <b>M</b> <sup>(1)</sup>                               |                         | 2,500  | A                  | \$  | 0.93   | 42,515                                      |   |   | D   |   |                                       |  |
| Common   | Common Stock 04/06/2  |  |  |         | /2022                        | 022  |        |                                   |   | <b>S</b> <sup>(1)</sup> |  | 2,500 D            |   |  | \$25  | 40,   | 40,015  |   | D   |                                       |  |
| Common Stock   |   |  |  |         |                              |  |        |                                   |   |                         |  |                    |   |  | 1,013                                       |   |   |   | See<br>footnote <sup>(2)</sup>  |                                       |  |
|  |   | Т  | able II -                                    |         |                              |  |        |                                   |   |                         |  | osed of            |   |  |   | Owned   |   |   |   | •                                     |  |
| 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. Deem<br>Execution<br>if any<br>(Month/Da | n Date, | 4.<br>Transa<br>Code (<br>8) |  |        |                                   | 6. Date Exercisa<br>Expiration Date<br>(Month/Day/Yea |                         |  | )                  | Amount<br>Securiti<br>Underly<br>Derivati | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative Security<br>(Instr. 3 and 4) |   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)   | 9. Numb<br>derivativ<br>Securitie<br>Beneficia<br>Owned<br>Followin<br>Reported<br>Transact<br>(Instr. 4) | e Over Formally Direction or (I)                    | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4 | Beneficial<br>Ownership<br>(Instr. 4) |  |
|  |   |  |  |         | Code                         | v  | (A)    | (D)                               | Date<br>Exe   | te<br>ercisab           |  | Expiration<br>Date | Title                                     | or   | ount<br>nber<br>ıres                        |   |   |   |   |                                       |  |
| Stock<br>Option<br>(right to<br>buy)                 | \$0.93  | 04/06/2022                                 |  |         | M <sup>(1)</sup>             |  |        | 2,500                             |   | (3)                     | (  | 01/12/2023         | Commo<br>Stock                            | 2,:  | 500   | \$0.00  | 133,7   | /56   | D   |                                       |  |

## **Explanation of Responses:**

- 1. The option exercise and sale were effected pursuant to a Rule 10b5-1 trading plan entered into by the Reporting Person.
- 2. The shares are held directly by the reporting person's spouse.
- 3. The shares subject to the option are vested and exercisable as of the date hereof.

## Remarks:

/s/ Misbah Tahir, by power of <u>attorney</u>

04/08/2022

\*\* Signature of Reporting Person

Date

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

- $^{\star}$  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.