FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

| 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 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 Instruction 1(b).

| Name and Address of Reporting Person*     Gauthier George                        |  |                                       |   | 2. Issuer Name and Ticker or Trading Symbol IGM Biosciences, Inc. [ IGMS ] |   |  |        |                                  |  |                 |                        | (Che  | ck all applic           | able)   | 10% Owner   |   | /ner       |   |                                       |
|--|--|---------------------------------------|---|--|---|--|--------|----------------------------------|--|-----------------|------------------------|---|-------------------------|---|---|---|------------|---|---------------------------------------|
|  | C/O IGM BIOSCIENCES, INC.  |                                       |   | 3. Date of Earliest Transaction (Month/Day/Year) 03/12/2022                |   |  |        |                                  |  |                 | -                      | X below) below)  Chief Commercial Officer   |                         |   |   |   |            |   |                                       |
| 325 E. MIDDLEFIELD ROAD  |  |                                       |   |  |   |  |        |                                  |  |                 |                        |   |                         |   |   |   |            |   |                                       |
| (Street) MOUNT VIEW  | 'AIN C.  | A                                     | 94043   |  |   | 4. If Amendment, Date of Original Filed (Month/Day/Year) |        |                                  |  |                 |                        |   | Line)                   | ndividual or Joint/Group Filing (Check Applicable e)  X Form filed by One Reporting Person Form filed by More than One Reporting Person |   |   |            |   |                                       |
| (City)   | (S   | tate)                                 | (Zip)   |  |   |  |        |                                  |  |                 |                        |   |                         |   |   |   |            |   |                                       |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |  |                                       |   |  |   |  |        |                                  |  |                 |                        |   |                         |   |   |   |            |   |                                       |
| 1. Title of Security (Instr. 3)  2. Transa Date (Month/D                         |  |                                       | Execution if any                                    |  | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |  | Code ( | Transaction Disposed Of (D) (Ins |  |                 |                        | 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   |            |   |                                       |
|  |  |                                       |   |  |   |  |        | v                                | Amount   | (A) or<br>(D) P |                        | Price   | Transact<br>(Instr. 3 a | ion(s)  |   |   | (Instr. 4) |   |                                       |
| Common Stock 03/12/  |  |                                       |   | .2/2022  |   |  |        | A                                |  | 7,500           | 7,500 <sup>(1)</sup> A |   | \$0.00                  | 18,067  |   |   | D          |   |                                       |
|  | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |                                       |   |  |   |  |        |                                  |  |                 |                        |   |                         |   |   |   |            |   |                                       |
| Derivative Conversion Date   |  | Date Execu<br>(Month/Day/Year) if any | 3A. Deemed<br>Execution Da<br>if any<br>(Month/Day/ | on Date, T   |   | etion<br>nstr.   | of I   |                                  | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                 |                        | 7. Title and Amou<br>of Securities<br>Underlying<br>Derivative Securi<br>(Instr. 3 and 4) |                         | urity   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number<br>derivative<br>Securities<br>Beneficial<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4) | ly         | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |
|  |  |                                       |   | c  | ode   | v  | (A)    | (D)                              | Date<br>Exercisal:   |                 | Expiration<br>Date     | Title   | or<br>Nui<br>of         | ount<br>mber<br>ares  |   |   |            |   |                                       |
| Stock<br>Option<br>(right to<br>buy)   | \$17.11  | 03/12/2022                            |   |  | A   |  | 45,000 |                                  | (2)  | 0               | 03/12/2032             | Common<br>Stock   | 45                      | ,000  | \$0.00  | 45,000  | )          | D   |                                       |

## **Explanation of Responses:**

- 1. These securities are restricted stock units (RSUs). Each RSU represents a contingent right to receive one share of the Issuer's Common Stock. One-fourth of the RSUs shall vest on March 12, 2023 and each one-year anniversary thereafter, provided that the Reporting Person remains a service provider through each vesting date.
- 2. 1/48 of the shares subject to the option shall vest on April 12, 2022 and each month thereafter, provided that the Reporting Person remains a service provider through each vesting date.

## Remarks:

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

03/15/2022

\*\* 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.