FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, D.C. 20549 |  |
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| STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP | STATEMENT | OF CHANGES | IN BENEFICIAL   | OWNERSHIP |

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|--------------------------|-----------|--|--|--|--|--|--|--|
| 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

| (Last)   |       | 1. Name and Address of Reporting Person* <u>Topsoe Jakob Haldor</u> |                              |         |   | 2. Issuer Name and Ticker or Trading Symbol IGM Biosciences, Inc. [ IGMS ]   |  |      |  |               |   |                      | Relationship<br>heck all app<br>X Direct  | ctor          |                                       |                  | Owner    |          |
|--|-------|---|------------------------------|---------|---|--|--|------|--|---------------|---|----------------------|---|---------------|---------------------------------------|------------------|----------|----------|
|  | (Fir  | est) (N   | Middle)                      |         | 3. Date of Earliest Transaction (Month/Day/Year) 03/31/2023 |  |  |      |  |               |   | belov                | er (give title<br>v)  | е             | belov                                 | r (specify<br>v) |          |          |
| C/O IGM BIOSCIENCES, INC.  |       |   |                              | 4. If / | 4. If Amendment, Date of Original Filed (Month/Day/Year)    |  |  |      |  |               |   |                      | 6. Individual or Joint/Group Filing (Check Applicable   |               |                                       |                  |          |          |
| 325 E. MIDDLEFIELD ROAD  |       |   |                              |         |   |  |  |      |  |               |   |                      | ne)<br>X Form   | i filed by O  | ne Rep                                | porting Pe       | erson    |          |
| (Street)   | TAD.  |   |                              |         |   |  |  |      |  |               |   |                      |   | Form<br>Perso | n filed by M<br>on                    | ore tha          | an One R | eporting |
| VIEW   | CA CA | A 9   | 4043                         |         | Ru  | le 10  | )b5-   | 1(c) | Trar   | ısac          | tion Indi   | catio                | n   |               |                                       |                  |          |          |
| (City) (State) (Zip)   |       |   |                              |         |   | 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 - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned   |       |   |                              |         |   |  |  |      |  |               |   |                      |   |               |                                       |                  |          |          |
| 1. Title of Security (Instr. 3)  2. Transac Date (Month/Date)  |       |   | Execution Date,              |         | ate,  | 3.<br>Transaction<br>Code (Instr. 8)  4. Securities Acquired (A)<br>Disposed Of (D) (Instr. 3, 4   |  |      |  |               | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) |                      | 7. Nature of Indirect Beneficial Ownership  |               |                                       |                  |          |          |
|  |       |   |                              |         |   |  | Code   | v    | Amount   | (A) or<br>(D) | Price   | Transac<br>(Instr. 3 | tion(s)   |               |                                       | (Instr. 4)       |          |          |
| Common Stock 03/31/2   |       |   | 2023                         |         | A   |  | 492(1)   | A    | \$0.0  | 74            | 74,644  |                      | D   |               |                                       |                  |          |          |
| Common Stock   |       |   |                              |         |   |  |  |      | 10,400,564   |               |   | I                    | See footnote <sup>(2)</sup>   |               |                                       |                  |          |          |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |       |   |                              |         |   |  |  |      |  |               |   |                      |   |               |                                       |                  |          |          |
| Derivative Conversion Date Execution Date, Security or Exercise (Month/Day/Year) if any  |       |   | 4.<br>Transa<br>Code (<br>8) |         | of<br>Deriv   | r<br>osed<br>)<br>r. 3, 4  | 6. Date Exercisable and Expiration Date (Month/Day/Year) |      | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Ins<br>3 and 4) |               | Reporte<br>Transac<br>(Instr. 4)                                  |                      | ove ownersh community of the sally or or Indirect (D) or Indirect (I) (Instr. |               | Beneficial<br>Ownership<br>(Instr. 4) |                  |          |          |

## **Explanation of Responses:**

- 1. Each restricted stock unit represents a contingent right to receive one share of the Issuer's common stock. The amount reflects payment of a quarterly retainer in common stock pursuant to the Issuer's Outside Director Compensation Policy.
- 2. All shares are held directly by Topsoe Holding A/S. Jakob Haldor Topsoe, Christina Teng Topsoe, Anne Haugwitz-Hardenberg-Reventlow, Emil Oigaard, Thomas Schleicher and Birgitte Nielsen, members of the board of directors of Topsoe Holding A/S, may be deemed to share voting and investment power with respect to the shares reported herein and disclaim beneficial ownership of such shares, except to the extent of his or her pecuniary interest therein, if any.

## Remarks:

/s/ Misbah Tahir, by power of attorney

04/04/2023

\*\* 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.