FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

OMB APPROVAL 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* PEARSON TIMOTHY R     |  |        |   |          |  | 2. Issuer Name and Ticker or Trading Symbol GLYCOMIMETICS INC [ GLYC ] |   |     |                     |   |                    |               |   |   | k all app<br>Direc                 | licable)<br>tor   |   | erson(s) to Issuer<br>10% Owner |          |
|--|--|--------|---|----------|--|--|---|-----|---------------------|---|--------------------|---------------|---|---|------------------------------------|---|---|---------------------------------|----------|
|  | C/O GLYCOMIMETICS, INC.  |        |   |          |  |  | 3. Date of Earliest Transaction (Month/Day/Year) 11/11/2022 |     |                     |   |                    |               |   |   | Office<br>below                    | ficer (give title<br>low)   |   | Other (<br>below)               | specify  |
| 9708 MEDICAL CENTER DRIVE                                      |  |        |   |          |  | 4. If Amendment, Date of Original Filed (Month/Day/Year)               |   |     |                     |   |                    |               |   | 6. Individual or Joint/Group Filing (Check Applicable Line)   |                                    |   |   |                                 |          |
| (Street) ROCKV   | ILLE 1   | MD     | 20850                                   |          |  |  |   |     |                     |   |                    |               |   | X   |                                    | orm filed by One Reporting Persorm filed by More than One Reportson |   |                                 | - 1      |
| (City)   | (  | State) | (Zip)                                   |          |  |  |   |     |                     |   |                    |               |   |   |                                    |   |   |                                 |          |
|  |  | Table  | e I - No                                | n-Deriva | tive S   | Secu   | rities  | Acq | uired,              | Dis   | posed of           | , or E        | Benef                                     | icially   | / Own                              | ed  |   |                                 |          |
| 1. Title of Security (Instr. 3)  2. Transacti Date (Month/Day) |  |        |   |          |  | Execution Date,  |   |     |                     | es Acquired (A<br>Of (D) (Instr. 3,   |                    | 4 and Securit |   | ties Fo<br>cially (D<br>Following (I)   |                                    | : Direct  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |                                 |          |
|  |  |        |   |          |  |  |   |     | Code                | v   | Amount             | (A)<br>(D)    | or Pr                                     | ice   | Transaction(s)<br>(Instr. 3 and 4) |   |   |                                 | (1130.4) |
| Common Stock 11/11/20  |  |        |   |          | 1022   |  |   | P   |                     | 19,400  | A \$               |               | 31.29                                     | 24,650  |                                    |   | D   |                                 |          |
|  | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |        |   |          |  |  |   |     |                     |   |                    |               |   |   |                                    |   |   |                                 |          |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)            | 2. Conversion Or Exercise Price of Derivative Security  3. Transaction Date Execution Date, if any (Month/Day/Year)                          |        | 4.<br>Transaction<br>Code (Instr.<br>8) |          | of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |  | 6. Date Exercisable and Expiration Date (Month/Day/Year)    |     |                     | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Inst<br>3 and 4) |                    | tr.           | Price of<br>rivative<br>curity<br>str. 5) | 9. Number<br>derivative<br>Securities<br>Beneficiall<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | y                                  | 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>Exercisable |   | Expiration<br>Date | Title Share   |   | s   |                                    |   |   |                                 |          |

**Explanation of Responses:** 

Remarks:

/s/ Brian F. Leaf, attorney-in-

fact

\*\* Signature of Reporting Person

Date

11/14/2022

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.