FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

## Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b)

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL 3235-0287 Estimated average burden hours per response: 0.5

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

| Name and Address of Reporting Person*     Rock Edwin                             |  |          |  |  |  | 2. Issuer Name and Ticker or Trading Symbol GLYCOMIMETICS INC [ GLYC ]  |   |     |  |                          |       |   |  |                           | Check   | all app<br>Direc   | tor                                       |  | 10% Ov   | wner  |
|--|--|----------|--|--|--|---|---|-----|--|--------------------------|-------|---|--|---------------------------|---|--|---|--|--|---|
| (Last)   | (First) (Middle)   |          |  |  |  | 3. Date of Earliest Transaction (Month/Day/Year) 06/20/2024   |   |     |  |                          |       |   |  |                           | 1   | below  | Officer (give title below)  Chief Medical |  | Other (s<br>below)<br>Officer                                      | specify   |
| 9708 MEDICAL CENTER DRIVE  |  |          |  |  |  | 4. If Amendment, Date of Original Filed (Month/Day/Year)  |   |     |  |                          |       |   |  |                           | 6. Individual or Joint/Group Filing (Check Applicable Line)  Form filed by One Reporting Person |  |   |  |  | .   |
| (Street)<br>ROCKV  | ILLE N   | MD 20850 |  |  |  |   |   |     |  |                          |       |   |  |                           | Form filed by More than One Reporting Person  |  |   |  |  |   |
| (City) (State) (Zip)   |  |          |  |  |  | Rule 10b5-1(c) Transaction Indication  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. Transaction Date (Month/Day/Ye               |  |          |  |  | ear) E   | Execution D   |   |     |  | Transaction Code (Instr. |       | 4. Securities Acqui<br>Disposed Of (D) (Ir                  |  |                           |   | 5. Amo<br>Securi<br>Benefi<br>Owned<br>Report  | ties<br>cially<br>I Following             | Form<br>(D)  | m: Direct<br>or Indirect<br>nstr. 4)                               | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|  |  |          |  |  |  | Code  | v   | Amo | unt  | (A) or<br>(D)            | Price |   | Transa                                     | action(s)<br>3 and 4)     |   |  | (111511. 4)                               |  |  |   |
| Common Stock 06/20/202   |  |          |  |  | 24   | 4   |   |     |  |                          | 190   | 0,000   | A \$0.2                                    |                           | 2(1)  | 565,403  |   |  | D  |   |
| Common Stock 06/21/202   |  |          |  |  | :4   |   |   |     | P  |                          | 115   | 5,000   | A  | A \$0.2671 <sup>(2)</sup> |   | 680,403  |   |  | 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)                              | ive Conversion Date Execution Date, or Exercise (Month/Day/Year) if any  |          |  |  | ransaction of Dodge (Instr. ) S A (A Dogge (Instr. ) C (Instr. ) S (Instr. ) C (Instr. ) C (Instr. ) C (Instr. ) |   | . Number of Derivative securities acquired A) or Disposed of (D) Instr. 3, 4 and 5) |     | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                          |       | 7. Titl<br>Amou<br>Secur<br>Unde<br>Deriv<br>Secur<br>3 and | int of rities rlying ative rity (Instr. 4) | _                         |   | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) |   | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |   |
|  |  |          |  |  | Code V (A) (D  |   |   | (D) | Date<br>Exercisable  |                          |       | cpiration<br>ate  | Title                                      | Number<br>of<br>Shares    |   |  |   |  |  |   |

- 1. The Reporting Person purchased the securities on the open market at purchase prices ranging from \$0.24 to \$0.2594 per share, with a weighted average purchase price of \$0.2532 per share. The Reporting Person undertakes to provide, upon request by the SEC staff, the issuer, or a security holder of the issuer, full information regarding the number of shares purchased at each separate price.
- 2. The Reporting Person purchased the securities on the open market at purchase prices ranging from \$0.2579 to \$0.27 per share, with a weighted average purchase price of \$0.2671 per share. The Reporting Person undertakes to provide, upon request by the SEC staff, the issuer, or a security holder of the issuer, full information regarding the number of shares purchased at each separate price.

/s/ Brian F. Leaf, Attorney-in-Fact

06/24/2024

\*\* 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.