FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL | | | | | | | | | |
|---------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | | | | |
| Estimated average b | urden | | | | | | | | |
| 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] | | | | | | | | | tionship o all applic Directo | • | | | | | |
|--|---|--|--|-------------|---|--|--------|-------------------------------------|--|---|---------------------|------------------------|---------------------------------------|---|---|---|---|--|--|--|
| (Last) (First) (Middle) C/O GLYCOMIMETICS, INC. | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 05/22/2020 | | | | | | | | | Officer below) | (give title | | Other (s below) | pecify | | |
| 9708 MEDICAL CENTER DRIVE | | | | | 4. 1 | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | | |
| (Street) | Street) ROCKVILLE MD 20850 | | | | | | | | | | | | X | , | | | | | | |
| (City) | (S | tate) | (Zip) | | | | | | | | | | | | | | | | | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Date) | | | | Day/Year) i | | 2A. Deemed Execution Date, if any (Month/Day/Year | | Transaction Dispose Code (Instr. 5) | | ities Acquired (A) d Of (D) (Instr. 3, 4 | | 4 and Securi Benefi | | s illy ollowing | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | | |
| | | | | | | | | Code | , | Amount | (A) or (D) Price | | | Transacti (Instr. 3 a | ion(s) | | | msu. 4) | | |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Da if any (Month/Day/ ⁾ | ate, T | 4. Transactic Code (Ins | | | | 6. Date Exercisa Expiration Date (Month/Day/Year | | of Securities | | ies g Security | De Se | Price of erivative ecurity 1str. 5) | 9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4) | is lly | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | |
| | | | | c | Code | v | (A) | (D) | Date Exercisable | | opiration ate | Title | Amoun or Number of Shares | | | | | | | |
| Stock Option (right to buy) | \$3 | 05/22/2020 | | | A | | 21,000 | | (1) | 05 | 5/21/2030 | Common Stock | 21,000 | | \$0.00 | 21,000 |) | D | | |

Explanation of Responses:

1. The shares underlying this option vest on May 22, 2021, subject to the reporting person's continuous service as of such vesting date.

Remarks:

/s/ Brian F. Leaf, attorney-infact 05/27/2020

** Signature of Reporting Person Date

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

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.

 $^{^{\}star}$ 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).