

FORM 5

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL	
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ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

- Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
- Form 3 Holdings Reported.
- Form 4 Transactions Reported.

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* <u>King Rachel K.</u> (Last) (First) (Middle) <u>C/O GLYCOMIMETICS, INC.</u> <u>9708 MEDICAL CENTER DRIVE</u> (Street) <u>ROCKVILLE MD 20850</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>GLYCOMIMETICS INC [GLYC]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>President, CEO</u>
	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) <u>12/31/2017</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Amount	(A) or (D)	Price			
Common Stock	09/08/2017		G	23,301	A	\$0.00	23,301	I	By Connor King 2013 GRAT ⁽¹⁾⁽²⁾
Common Stock	09/08/2017		G	23,301	A	\$0.00	23,301	I	By Langley King 2013 GRAT ⁽¹⁾⁽²⁾
Common Stock	09/08/2017		G	46,602	D	\$0.00	0	I	By The Rachel K. King 2013 GRAT ⁽²⁾
Common Stock							140,385 ⁽³⁾	D	
Common Stock							131,676	I	By trusts ⁽⁴⁾
Common Stock							45,741 ⁽⁵⁾	I	By spouse

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 Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
					(A)	(D)	Date Exercisable	Expiration Date					

Explanation of Responses:

- These shares are held in a trust for the benefit of the reporting person's children. The reporting person's spouse is trustee of the trust. The reporting person disclaims beneficial ownership of these securities, and the filing of this report is not an admission that the reporting person is the beneficial owner of these securities for purposes of Section 16 or for any other purpose.
- On June 7, 2013, the reporting person contributed 136,281 shares of the issuer's common stock to a grantor retained annuity trust for the benefit of herself and her two adult children. Upon termination of the trust, on September 8, 2017, a total of 46,602 shares were transferred to trusts for the benefit of the adult children. The remaining 89,679 shares were previously distributed to the reporting person and continue to be reported on this form as directly owned.
- This total includes the shares distributed to the reporting person from The Rachel K. King 2013 GRAT and excludes 64,000 shares contributed on September 23, 2016 by the reporting person to The Rachel K. King 2016 GRAT, which shares are included in footnote (4).
- These shares are held by family trusts, for which Ms. King serves as trustee, as follows: 1,741 shares are held by The Connor A. King 1988 Trust, 1,741 shares are held by The Langley C. King 1990 Trust, 8,796 shares are held by the 1995 Connor A. King Trust, 8,796 shares are held by the 1995 Langley C. King Trust and 64,000 shares are held by The Rachel K. King 2016 GRAT.
- This total includes 44,000 shares previously owned directly that were transferred by the reporting person to her spouse.

Remarks:

/s/ Brian F. Leaf, Attorney-in-fact 02/14/2018

** 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.