FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF **SECURITIES**

OMB APPROVAL						
OMB Number:	ımber: 3235-0104					
	stimated 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* King Rachel K.	2. Date of Eve Requiring Stat (Month/Day/Ye 01/09/2014	ement	3. Issuer Name and Ticker or Trading Symbol GLYCOMIMETICS INC [GLYC]								
(Last) (First) (Middle) C/O GLYCOMIMETICS, INC.			Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner			(Mo	5. If Amendment, Date of Original Filed (Month/Day/Year)				
401 PROFESSIONAL DRIVE, SUITE 250			X Officer (give title below)		Other (specify below)		6. Individual or Joint/Group Filing (Check Applicable Line)				
(Street) GAITHERSBURG MD 20879				President, CE	ΞO		-	y One Reporting Person y More than One erson			
(City) (State) (Zip)											
Table I - Non-Derivative Securities Beneficially Owned											
1. Title of Security (Instr. 4)				unt of Securities ially Owned (Instr. 4)			4. Nature of Indirect Beneficial Ownership (Instr. 5)				
Common Stock				8,706	D						
Common Stock				157,355	I		By Trusts ⁽¹⁾				
Common Stock				1,741	I	By	By Spouse ⁽²⁾				
Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)											
1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securiti Underlying Derivative Security			4. Conversion or Exercise Price of		6. Nature of Indirect Beneficial Ownership (Instr. 5)			
	Date Exercisable	Expiration Date	Title		Amount or Number of Shares	Derivative Security	or Indirect (I) (Instr. 5)				
Employee Stock Option (right to buy)	(3)	01/04/2021		Common Stock	447,580 ⁽⁴⁾	1.12(4)	D				

Explanation of Responses:

- 1. 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 136,281 shares are held by The Rachel K. King 2013 GRAT.
- 2. These shares are held by John P. King, Ms. King's spouse.
- 3. The shares underlying this option are fully vested.
- 4. The number of underlying shares of common stock and the exercise price reported reflect a 1-for-3.302 reverse stock split of the Issuer's common stock effected on October 25, 2013.

Remarks:

Exhibit 24.1 - Power of Attorney

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

fact

** Signature of Reporting Person Date

01/09/2014

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 5 (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.

(For Executing Form ID and Forms 3, 4 and 5)

Know all by these presents, that the undersigned hereby constitutes and appoints each of Brent B. Siler, Brian F. Leaf, Christian E. Plaza, Katie Kazem and Jennifer Don of Cooley LLP, and Brian M. Hahn of GlycoMimetics, Inc. (the "Company"), the undersigned's true and lawful attorneys-in-fact and agents to:

- (1) Prepare, execute in the undersigned's name and on the undersigned's behalf, and submit to the Securities and Exchange Commission (the "SEC") a Form ID, Uniform Application for Access Codes to File on EDGAR, including amendments thereto, and any other documents necessary or appropriate to obtain codes and passwords enabling the undersigned to make electronic filings with the SEC of reports required by Section 16(a) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or any rule or regulation thereunder;
- (2) Prepare, execute in the undersigned's name and on the undersigned's behalf, and submit to the SEC Forms 3, 4 and 5 (including amendments thereto and joint filing agreements in connection therewith) in accordance with Section 16(a) of the Exchange Act and the rules thereunder in the undersigned's capacity as an officer, director or beneficial owner of more than 10% of a registered class of securities of the Company;
- (3) Do and perform any and all acts for and on behalf of the undersigned that may be necessary or desirable to prepare and execute any such Form 3, 4 or 5 (including amendments thereto and joint filing agreements in connection therewith) and file such forms with the SEC and any stock exchange, self-regulatory association or any similar authority; and
- (4) Take any other action of any type whatsoever in connection with the foregoing that, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required of the undersigned, it being understood that the documents executed by the attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as the attorney-in-fact may approve in the attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneys-in-fact, and their substitutes, in serving in such capacity at the request of the undersigned, are not assuming (nor is the Company assuming) any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the earliest to occur of (a) the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, (b) revocation by the undersigned in a signed writing delivered to the Company and the foregoing attorneys-in fact or (c) as to any attorney-in-fact individually, until such attorney-in-fact is no longer employed by the Company or Cooley LLP, as applicable.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of the date written below.

Date: 10/16/2013

By: /s/ RACHEL K. KING