

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287  
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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

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* <b>NEW ENTERPRISE ASSOCIATES 10 LP</b>  (Last) (First) (Middle) <b>1954 GREENSPRING DRIVE</b> <b>SUITE 600</b>  (Street) <b>TIMONIUM MD 21093</b>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <b>GLYCOMIMETICS INC [ GLYC ]</b>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director <input checked="" type="checkbox"/> 10% Owner  Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <b>01/15/2014</b>	
	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 Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	01/15/2014		C		3,407,283 <sup>(1)</sup>	A	<sup>(2)</sup>	3,994,258	D <sup>(3)</sup>	
Common Stock	01/15/2014		P		487,500	A	\$8	4,481,758	D <sup>(3)</sup>	

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)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Series A-1 Preferred Stock	<sup>(2)</sup>	01/15/2014		C			11,250,850	<sup>(2)</sup>	<sup>(2)</sup>	Common Stock	3,407,283	\$0	0	D <sup>(3)</sup>	

1. Name and Address of Reporting Person* <b>NEW ENTERPRISE ASSOCIATES 10 LP</b>  (Last) (First) (Middle) <b>1954 GREENSPRING DRIVE</b> <b>SUITE 600</b>  (Street) <b>TIMONIUM MD 21093</b>  (City) (State) (Zip)		

1. Name and Address of Reporting Person\*

NEA PARTNERS 10 L P

(Last) (First) (Middle)

1954 GREENSPRING DRIVE  
SUITE 600

(Street)

TIMONIUM MD 21093

(City) (State) (Zip)

**Explanation of Responses:**

1. This represents shares received upon conversion of shares of Series A-1 convertible preferred stock.
2. Effective immediately prior to the closing of Issuer's initial public offering of its common stock, each share of Series A-1 Preferred Stock automatically converted into approximately 0.3028 shares of the Issuer's common stock. The Series A-1 Preferred stock had no expiration date.
3. The shares are directly held by New Enterprise Associates 10, Limited Partnership ("NEA 10") and indirectly held by NEA Partners 10, Limited Partnership ("NEA Partners 10"), the sole general partner of NEA 10, and the individual general partners of NEA Partners 10 (NEA Partners 10 and its individual general partners together, the "Indirect Reporting Persons"). The individual general partners of NEA Partners 10 are Peter J. Barris, M. James Barrett and Scott D. Sandell. Each Indirect Reporting Person disclaims beneficial ownership within the meaning of Section 16 of the Securities Exchange Act of 1934, as amended, or otherwise of such portion of the NEA 10 shares in which such Indirect Reporting Person has no pecuniary interest.

/s/ Louis Citron, attorney-in-  
fact 01/15/2014

\*\* 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.

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