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(h)

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL OMB Number: 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* Tasse Daniel						2. Issuer Name and Ticker or Trading Symbol REGENXBIO Inc. [RGNX]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
Tasse Danier												X Directo	r		10% Ow	ner		
(Last)	(F GENXBIO I	•	(Middle)		3. Date of Earliest Transaction (Month/Day/Year) 08/15/2016							Officer below)	(give title		Other (sp	pecify		
9712 MEDICAL CENTER DRIVE, SUITE 100					4. If Amendment, Date of Original Filed (Month/Day/Year)							6. Individual or Joint/Group Filing (Check Applicable						
(Street) ROCKVILLE MD 20850			20850									X Form filed by One Reporting Person Form filed by More than One Reporting Person						
(City)	(S	tate)	(Zip)															
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
Date				Transaction ate Month/Day/Y	Execution Date,			3. 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1				5. Amour Securitie Beneficia Owned F Reported	s Form ally (D) o ollowing (I) (In		Direct of Endirect Etr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
								Code V	Amount	(A) or (D)	Price	Transact (Instr. 3 a	ion(s)			instr. 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 Date if any (Month/Day/Ye	Code				6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amour of Securities Underlying Derivative Securit (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	y I	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							
Stock Option (Right to Buy)	\$12.3	08/15/2016		A		25,000		(1)	08/15/2026	Common Stock	25,000	\$0.00	25,000		D			

Explanation of Responses:

1. The option will vest in equal monthly installments over the 36 months following August 15, 2016, with immediate full vesting in the event of a change in control.

Remarks:

/s/ Daniel Tasse

08/15/2016

** 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.