## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See	STATEMENT OF CHANGES IN
Obligations may continue. See Instruction 1(b).	Filed pursuant to Section 16(a) of the S

## **BENEFICIAL OWNERSHIP**

Securities Exchange Act of 1934 nent Company Act of 1940 or Section 30(h) of the Investi

OMB Number: 3235-0287 Estimated average burden 0.5 hours per response

1. Name and Address of Reporting Ferson			2. Issuer Name and Ticker or Trading Symbol REGENXBIO Inc. [ RGNX ]		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
				X	Director	10% Owner				
(Last) (First) (Middle) C/O REGENXBIO INC. 9600 BLACKWELL ROAD, SUITE 210			3. Date of Earliest Transaction (Month/Day/Year) 01/04/2017	- x	Officer (give title below) President an	Other (specify below) d CEO				
			4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check App							
(Street) ROCKVILLE	MD	20850		Line) X	Form filed by One Re Form filed by More that	5				
(City)	(State)	(Zip)			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)	ecution Date, ny Transaction Code (Instr.			4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			(D) or Indirect	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	v	Amount	(A) or (D)	Price	<ul> <li>Reported</li> <li>Transaction(s)</li> <li>(Instr. 3 and 4)</li> </ul>		(1130.4)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative Security 3A. Deemed Execution Date, if any 7. Title and Amount 8. Price of Derivative Security 3. Transaction 5. Number of 6. Date Exercisable and 9. Number of 10. 11. Nature 2 4. Transaction Code (Instr. 8) Ownership Form: of Securities Underlying Conversion Expiration Date (Month/Day/Year) of Indirect Date Derivative derivative (Month/Day/Year) Beneficial or Exercise Securities Securities Direct (D) or Indirect (I) (Instr. 4) Price of Derivative Acquired (A) or Disposed Derivative Sec (Instr. 3 and 4) Beneficially Owned Ownership (Instr. 4) (Instr. 3) (Month/Day/Year) Security (Instr. 5) Security of (D) (Instr. 3, 4 and 5) Following Reported Transaction(s)

			Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		(Instr. 4)		
Stock Option (Right to Buy)	\$19.5	01/04/2017	A		130,000		(1)	01/03/2027	Common Stock	130,000	\$0.00	130,000	D	

Explanation of Responses:

1. 25% of the shares subject to this option shall vest after 12 months of continuous service with the Issuer. The balance will vest in equal monthly installments over the 36 months following 1/4/2018 while the optionee provides continuous service to the Issuer.

## **Remarks:**

/s/ Kenneth T. Mills

01/06/2017

\*\* 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.