FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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).

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* Yoo Stephen (Last) (First) (Middle)							Issuer Name and Ticker or Trading Symbol REGENXBIO Inc. [RGNX] Indeed a series of Earliest Transaction (Month/Day/Year)								tionship of Reporting Po all applicable) Director Officer (give title below)		on(s) to Issu 10% Ow Other (s below)	vner	
	GENXBIO I		07/20/2017								(Chief Medical Officer							
9600 BLACKWELL ROAD, SUITE 210 (Street) ROCKVILLE MD 20850							4. If Amendment, Date of Original Filed (Month/Day/Year)								ridual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person				
(City)	(5)	-	(Zip)	n Dori	votive	- Co	orit	ioo Ao	auirad	Did	anacad a	f or Bo	noficial	ly Owner	1				
Table I - Non-Deriva 1. Title of Security (Instr. 3) 2. Transact Date (Month/Day					action	tion 2A. Deeme			3. 4. Sec		4. Securitie	curities Acquired (A) o sed Of (D) (Instr. 3, 4		5. Amou Securiti Benefic Owned	int of es ially Following	Form:	: Direct Indirect I str. 4)	7. Nature of Indirect Beneficial Ownership	
									Code	v	Amount	(A) or (D)	Price	Reporte Transac (Instr. 3	tion(s)		[(Instr. 4)	
Common Stock 07/20/2							:017		M ⁽¹⁾		15,000	A	\$0.85	5 15	15,000		D		
Common Stock 07/20/2						2017			S ⁽¹⁾		15,000	D	\$18.66	0	.00		D		
		7	Table II -								osed of, convertil			Owned					
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deem Execution if any (Month/Da	Date,	4. Transa Code (8)				6. Date Exercisa Expiration Date (Month/Day/Yea		e of Securitie		ies g Security	8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	ily	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership t (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisa	ble	Expiration Date	Title	Amount or Number of Shares						
Employee Stock Option (Right to	\$0.85	07/20/2017			M ⁽¹⁾			15,000	(3)		11/03/2024	Common Stock	15,000	\$0.00	217,90	0	D		

Explanation of Responses:

- 1. This transaction was effected pursuant to a Rule 10b5-1 trading plan.
- 2. This transaction was executed in multiple trades at prices ranging from \$18.25 to \$19.00. The price reported above reflects the weighted average sale price. The reporting person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.
- 3. The option, representing a right to purchase a total of 247,900 shares, became exercisable as follows: 165,200 of the shares subject to the option are initial shares ("Initial Shares") and 82,700 of the shares subject to the option are contingent shares ("Contingent Shares"). 23,600 of the Initial Shares vested on October 13, 2014, 35,400 of the Initial Shares vested on October 13, 2015 and an additional 2,950 of the Initial Shares upon each month of continuous service to the Company thereafter. 15% of the Contingent Shares were deemed vested as of October 13, 2014 on January 13, 2015 due to a subsequent event. The remainder of the Contingent Shares vest over four years of service following October 13, 2014, with 25% of the remaining 85% of Contingent Shares having vested on October 13, 2015 and the remaining Contingent Shares vesting in 36 equal monthly installments thereafter.

Remarks:

/s/ Stephen Yoo

** Signature of Reporting Person

07/24/2017

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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.