FORM 3

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPF	ROVAL						
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

or Section 30(n) of the investment Company Act of 1940												
1. Name and Addre  Vasista Vittal	2. Date of Even Requiring State (Month/Day/Yea 09/16/2015	ment	3. Issuer Name and Ticker or Trading Symbol REGENXBIO Inc. [ RGNX ]									
C/O REGENXE				Relationship of Reporting Perso (Check all applicable)     Director		10% Owner		5. If Amendment, Date of Original Filed (Month/Day/Year)				
9712 MEDICAL CENTER DRIVE, SUITE 100				X	Officer (give title below)  See Remarks	Other (specify below)		Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person				
(Street)									Form filed by More than One Reporting Person			
ROCKVILLE I	MD 20850								Reporting Pr	ersori		
(City) (	State) (Zip)											
Table I - Non-Derivative Securities Beneficially Owned												
1. Title of Security (Instr. 4)				2. Amount of Securities Beneficially Owned (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		4. Nature of Indirect Beneficial Ownership (Instr. 5)				
Common Stock					100,000	D						
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)		d 3. Title and Amount of Securit Underlying Derivative Securit			4. Conversion or Exercise Price of		5. Ownership Form: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)		
		Date Exercisable	Expiration Date	1 Title		Amount or Number of Shares	Derivative Security		or Indirect (I) (Instr. 5)			
Employee Stock	Option (Right to Buy)	(1)(2)	09/23/2024	4 Common Stock		324,900	0.85		D			
Employee Stock	Option (Right to Buy)	(3)	05/18/2025	5	Common Stock	30,000	3.7	76	D			
Series C Preferre	ed Stock	(4)	(4)		Common Stock	15,440	(4)	)	D			

## **Explanation of Responses:**

- 1. 284,683 of the shares subject to the option shall be initial shares ("Initial Shares") and 140,217 of the shares subject to the option shall be contingent Shares ("Contingent Shares"). 72,235 of the Initial Shares vested on September 17, 2014. Upon one year of continuous service to the Company after September 17, 2014, an additional 53,112 of the Initial Shares shall vest and an additional 4,426 of the Initial Shares shall vest upon each month of continuous service to the Company thereafter. 25% of the Contingent Shares were deemed vested as of September 17, 2014 on January 13, 2015 due to a subsequent event. The remainder of the Contingent Shares shall vest over four years of service following September 17, 2014, with 25% of the remaining 75% of Contingent Shares vesting upon one year of continuous service to the Company after September 17, 2014 and the remaining Contingent Shares vesting in 36 equal monthly installments thereafter.
- 2. (Continued from footnote 1) Notwithstanding the foregoing, 59,533 shares subject to this option that would have been vested monthly between January 2018 and September 2018 will vest subject to the following achievement goals which must be completed by December 31, 2015: 14,883 shares will vest upon completion of the Issuer's initial public offering, 14,883 shares will vest following the hiring and onboarding of a new Chief Financial Officer, 14,883 shares will vest upon the establishment of a manufacturing collaboration, and 14,884 shares will vest following the in-licensing of one new clinical-stage program
- 3. The option vests over four years of service following May 19, 2015, with 25% vesting upon completion of one year of service and in 36 equal monthly installments thereafter.
- 4. Each share of Preferred Series C Stock is convertible and will automatically convert on a 1:1 basis into the Issuer's common stock upon the closing of the Issuer's initial public offering of common stock pursuant to an effective registration statement filed with the U.S. Securities and Exchange Commission. These shares have no expiration date.

## Remarks:

Chief Financial Officer, Senior Vice President of Corporate Development and Treasurer

<u>/s/ Vittal Vasista</u> <u>09/16/2015</u>

\*\* 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 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.