FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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* JONAS JEFFREY M					Ger	Issuer Name and Ticker or Trading Symbol Generation Bio Co. [GBIO] Date of Earliest Transaction (Month/Day/Year)						(Ch	eck all appli X Directo Officer	cable) or (give title	1 C	n(s) to Issuer 10% Owner Other (specify	
(Last) (First) (Middle) C/O GENERATION BIO CO., 301 BINNEY ST				-	06/08/2023 4. If Amendment, Date of Original Filed (Month/Day/Year)						6.11	below)	below) Joint/Group Filing (Check App		nlicable		
(Street)						T. II Americanient, Date of Original Flied (World #Day/Teal)						Line	e) <mark>X</mark> Form f	1			
CAMBR	AIDGE M	A	02142										Form f Persor	iled by More า	than One	Repor	ting
(City) (State) (Zip) Rule 10							ule 10b5-1(c) Transaction Indication										
Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.										d to							
		Tab	le I - Non	-Deriva	ative	Sec	urities	s Ac	quired, Di	sposed	of, or Be	eneficial	ly Owned	t			
1. Title of Security (Instr. 3) 2. Transac Date (Month/Da				Execution			Date,	Code (Instr. 5)			Benefici Owned I	es ally Following	6. Owners Form: Dire (D) or Indi (I) (Instr. 4	ct c	7. Nature of Indirect Beneficial Ownership		
							Code	/ Amour	(A) (D)	Price	Reporte Transac (Instr. 3	tion(s)			Instr. 4)		
		Т							uired, Dis s, options,				Owned				
1. Title of Derivative Security (Instr. 3)	ivative Conversion Date Execution Date, urity or Exercise (Month/Day/Year) if any			ransaction of ode (Instr. Derivative		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((Instr. 4)	Own Forn Direc or In (I) (Ir		Beneficial Ownership (Instr. 4)			
					Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares					
Stock Option (right to buy)	\$4.83	06/08/2023			A		25,000		(1)	06/07/2033	Common Stock	25,000	\$0	25,000		D	

Explanation of Responses:

1. This option was granted on June 8, 2023. The shares underlying the option will fully vest on the earlier of: June 8, 2024 and the date of Generation Bio's 2024 annual meeting of stockholders.

/s/ Benjamin Waters, Attorney-06/12/2023

in-Fact

** 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.

LIMITED POWER OF ATTORNEY FOR SECTION 16 REPORTING OBLIGATIONS

Know all by these presents, that the undersigned hereby makes, constitutes and appoints each of Geoff McDonough, M.D., Matthew Norkunas, M.D., MBA, Shawna-Gay White, J.D. and Benjamin Waters, J.D. (each an "Attorney-in-Fact"), signing singly and each acting individually, as the undersigned's true and lawful attorneyinfact with full power and authority as hereinafter described to:

- (1) execute for and on behalf of the undersigned, in the undersigned's capacity as an officer, director and/or stockholder of Generation Bio Co. (the "Company"), Forms 3, 4, and 5 (including any amendments thereto) in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended, and the rules thereunder (the "Exchange Act");
- (2) do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to prepare, complete and execute any such Form 3, 4, or 5, prepare, complete and execute any amendment or amendments thereto, and timely deliver and file such form with the United States Securities and Exchange Commission (the "SEC") and any stock exchange or similar authority, including, without limitation, the filing of a Form ID, Update Passphrase, or any other application materials to enable the undersigned to gain or maintain access to the Electronic Data Gathering, Analysis and Retrieval system of the SEC;
- (3) seek or obtain, as the undersigned's representative and on the undersigned's behalf, information regarding transactions in the Company's securities from any third party, including brokers, employee benefit plan administrators and trustees, and the undersigned hereby authorizes any such person to release any such information to such attorneyinfact and approves and ratifies any such release of information; and
- (4) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorneyinfact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorneyinfact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorneyinfact may approve in such attorneyinfact's discretion.

The undersigned hereby grants to each such attorneyinfact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the

exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorneyinfact, or such attorneyinfact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this power of attorney and the rights and powers herein granted. The undersigned acknowledges that the foregoing attorneysinfact, in serving in such capacity at the request of the undersigned, are not assuming nor relieving, nor is the Company assuming nor relieving, any of the undersigned's responsibilities to comply with Section 16 of the Exchange Act. The undersigned acknowledges that neither the Company nor the foregoing attorneysinfact assume (i) any liability for the undersigned's responsibility to comply with the requirement of the Exchange Act, (ii) any liability of the undersigned for any failure to comply with such requirements, or (iii) any obligation or liability of the undersigned for profit disgorgement under Section 16(b) of the Exchange Act.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneysinfact. Notwithstanding the foregoing, all power and authorities granted under this Power of Attorney to an Attorney-in-Fact shall be automatically withdrawn and revoked, for that Attorney-in-Fact only, without any further action by the undersigned, if such Attorney-in-Fact is no longer employed by the Company.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 8th day of December, 2022.

/s/ Jeffery M. Jonas

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