FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL OMB Number:

	3235-0287
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🖵 obligati	tions may continue of the termination of terminatio of termina				Filed p						urities Exchan Company Act		934			ours per re	-		0.5	
		f Reporting Person*				Issue	er Nam	e and Tick	ker or Tr				(Ch	elationship of eck all applica	able)	•	.,			
					3. Date of Earliest Transaction (Month/Day/Year) 02/09/2023								X Director X 10% Owner Officer (give title Other (specify below) below)							
(Last) (First) (Middle) 200 BERKELEY STREET, 18TH FLOOR				Ľ	02/09/2023 Delow) Delow) 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) Form filed by One Reporting Person										able Line)					
(Street)					X Form filed by More than One Reporting Person										g Person					
BOSTON MA 02116				_ R	Rule	10b	5-1(c)	Tran	isac	tion Indic	ation									
(City) (State) (Zip)					Ch affi	eck this rmative	box to indi defense co	cate that inditions	a trans of Rule	saction was made a 10b5-1(c). See	de pursuant e Instruction	to a contract, 10.	instruction or w	ritten pla	an that is i	ntended to	o satis	fy the		
			Table I - I						cquire	ed, D)isposed o									
1. Title of Security (Instr. 3) Date (Month/Da			ay/Year) if a		any	kecution Date,		ction Instr.	4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5			5. Amount of Securities Beneficially Ow Following Reported		6. Ownersl Form: Dire (D) or Indir (I) (Instr. 4)		Indire Bene	ficial ership			
									Code	v	Amount	(A) or (D) Price		Transaction(s) (Instr. 3 and 4)						
Common	Stock			04/11/	/2024				х	1,408,450		Α	\$5.325	13,840,034		I		See Foo	See Footnotes ⁽¹⁾⁽²⁾	
Common Stock												335,364			I Sec Fo		tnotes ⁽²⁾⁽³⁾			
			Table								sposed of, , convertil)wned						
1. Title of 2. Derivative Conversion Security or Exercise (Instr. 3) Price of Derivative		3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Da if any (Month/Day/Y	4. Transactio Code (Inst		on [tr. §	5. Number of Derivative		6. Date Exer Expiration D (Month/Day/			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	deriva Securi Benefi Owne	9. Number of derivative Securities Beneficially Owned		ship D) rect	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
	Security			Cod	le V	Ť	A)	(D)	Date	cisable	Expiration Date	Title	Amount or Number of Shares	1	Following (I) (Instr. 4 Reported Transaction(s) (Instr. 4)		r. 4)			
Stock Option (Right to Buy)	\$14.7	02/09/2023		Α		2	27,400		(4)		02/09/2033	Common Stock	27,400	\$0	27,400		I		See footnotes ⁽²⁾⁽⁵⁾	
Stock Option (Right to Buy)	\$9.98	02/01/2024		А		4	45,150		((6)	02/01/2034	Common Stock	45,150	\$0	45	5,150	I		See footnotes ⁽²⁾⁽⁵⁾	
Warrants (Right to Buy)	\$5.325	04/11/2024		x				2,816,900	07/0	1/2022	07/01/2024	Common Stock	1,408,450) \$0		0	I		See footnotes ⁽¹⁾⁽²⁾	
		f Reporting Person [*] IANAGEME																		
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(Last) (First) (Middle) 200 BERKELEY STREET, 18TH FLOOR																				
(Street)																				
BOSTO	N	МА	021	16																
(City)		(State)	(Zip)																	
		f Reporting Person [*] us Fund, L.P.																		
(Last) 200 BER	KELEY S	(First) FREET, 18TH F	(Mid	dle)																

(Street)								
BOSTON	MA	02116						
(City)	(State)	(Zip)						
1. Name and Addres	s of Reporting Person [*]							
Kolchinsky Po	eter							
(Last)	(First)	(Middle)						
C/O RA CAPITAL MANAGEMENT, L.P.								
200 BERKELEY STREET, 18TH FLOOR								
(Street)								
BOSTON	MA	02116						
(City)	(State)	(Zip)						
	s of Reporting Person [*]							
Shah Rajeev M	<u>VI.</u>							
(Last)	(First)	(Middle)						
C/O RA CAPITAL MANAGEMENT, L.P.								
200 BERKELEY	STREET, 18TH FLOOR							
(Street)								
BOSTON	MA	02116						
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Explanation of Responses:

1. Held directly by the RA Capital Healthcare Fund, L.P. (the "Fund").

2. RA Capital Management, L.P. (the "Adviser") is the investment manager for the Fund and RA Capital Nexus Fund, L.P. (the "Nexus Fund"). The general partner of the Adviser is RA Capital Management GP, LLC (the "Adviser GP"), of which Dr. Peter Kolchinsky and Mr. Rajeev Shah are the managing members. The Adviser, the Adviser GP, Dr. Kolchinsky, and Mr. Shah disclaim beneficial ownership of any of the reported securities, except to the extent of their pecuniary interest therein.

3. Held directly by the Nexus Fund.

4. This option represents a right to purchase a total of 27,400 shares of the Issuer's Common Stock, which vested in full on February 9, 2024.

5. Under Dr. DiRocco's arrangement with the Adviser, Dr. DiRocco holds the option for the benefit of the Fund and the Nexus Fund. Dr. DiRocco is obligated to turn over to the Adviser any net cash or stock received upon exercise of the option, which will offset advisory fees owed by the Fund and the Nexus Fund to the Adviser. The Reporting Persons therefore disclaim beneficial ownership of the option and underlying common stock. 6. This option represents a right to purchase a total of 45,150 shares of the Issuer's Common Stock, which will vest in full on February 1, 2025, subject to Dr. Derek DiRocco's continuous service to the Issuer through such date.

Remarks:

Dr. Derek DiRocco, a Partner of the Adviser, serves on the Issuer's board of directors. The grants of the stock options reported herein were timely reported by Dr. DiRocco on Forms 4 filed by Dr. DiRocco on February 13, 2023 and February 5, 2024; however, the grants were inadvertently not reported by the Reporting Persons by virtue of an administrative error.

/s/ Peter Kolchinsky, Manager of RA Capital Management, L.P.	04/15/2024
/s/ Peter Kolchinsky, Manager of RA Capital Healthcare Fund GP, LLC the General Partner of RA Capital Healthcare Fund, L.P.	<u>04/15/2024</u>
<u>/s/ Peter Kolchinsky, Manager of</u> <u>RA Capital Nexus Fund GP, LLC</u> <u>the General Partner of RA</u> <u>Capital Nexus Fund, L.P.</u>	04/15/2024
/s/ Peter Kolchinsky, individually	04/15/2024
<u>/s/ Rajeev Shah, individually</u> ** Signature of Reporting Person	<u>04/15/2024</u> 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.