## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

<b>STATEMENT</b>	OF CHANGES	IN BENEFICIAL	<b>OWNERSHIP</b>

OIVIB APPROVAL									
OMB Number:	3235-0287								
Estimated average bu	rden								
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).

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See

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

Instruct	ion 10.																			
Name and Address of Reporting Person*  Lowell Christopher M.					2. Issuer Name and Ticker or Trading Symbol Cartesian Therapeutics, Inc. [ RNAC ]									Relationship of Reporting Person(s) to Issuer (Check all applicable)						
Jewell Christopher M													Directo			10% Ov				
					-										<ul><li>Officer below)</li></ul>	(give title		Other (s below)	specify	
(Last) (First) (Middle)						3. Date of Earliest Transaction (Month/Day/Year) 01/02/2025									Chief Scientific Officer					
C/O CARTESIAN THERAPEUTICS, INC.			01	10212	1023															
7495 NEW HORIZON WAY				_																
					. 4.1	4. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check Applicable Line)										plicable				
(Street)		_													_	led by One	e Repo	orting Perso	n	
FREDER	RICK M	D	21703										Form filed by More than One Reporting Person							
(City)	(S	tate)	(Zip)																	
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																				
1. Title of Security (Instr. 3)  2. Transar Date (Month/Date)					Execution Date,		3. Transaction Code (Instr. 3, 4 ) 8)  4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4) 5)					s Form ally (D) o following (I) (Ir		m: Direct or Indirect nstr. 4)	7. Nature of Indirect Beneficial Ownership					
								Code	v	Amount	(A) or (D)		Price		nsaction(s) str. 3 and 4)			(Instr. 4)		
Common Stock 01/02/				2/202	2.5			A 16,100 A <sup>(1)</sup>		\$ <mark>0</mark>	56,040			D						
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																			
4 Title of	•	3. Transaction	3A. Deemed				1	1		-				<del>'</del>	O Duine of	9. Numbe		40	11. Nature	
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Iransaction Date (Month/Day/Year)	Execution D if any (Month/Day/	Date,	4. Transa Code ( 8)		of		6. Date Ex Expiration (Month/Da	Date	)	7. Title and Am of Securities Underlying Derivative Secu (Instr. 3 and 4)		curity	8. Price of Derivative Security (Instr. 5)	derivative Securities Beneficially Owned Following Reported Transactior (Instr. 4)	e s lly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	p of Indirect Beneficial Ownership t (Instr. 4)	
									Date		Expiration		or	umber						
					Code	v	(A)		Exercisab		Date	Title		nares		<u></u>				
Employee Stock Option (right to buy)	\$16.93	01/02/2025			A		47,400		(2)	0	01/01/2035	Common Stock	1 4'	7,400	\$0	47,40	0	D		

## Explanation of Responses:

1. Each Restricted Stock Unit represents a contingent right to receive one share of common stock, which will vest as to 25% on January 2, 2026. The remainder of the underlying shares will vest in three equal annual installments thereafter so that the underlying shares will be fully vested on January 2, 2029.

2. This option vests as to 25% on January 2, 2026. The remainder of the underlying shares will vest in three equal annual installments thereafter so that the underlying shares will be fully vested on January 2, 2029.

## Remarks:

/s/ Matthew Bartholomae,

\*\* Signature of Reporting Person

Attorney-in-Fact for

01/06/2025

Christopher Jewell

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- $^{\star}$  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.