

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

1. Name and Address of Reporting Person* <u>Singer Michael</u>  (Last) (First) (Middle) C/O CARTESIAN THERAPEUTICS, INC. 704 QUINCE ORCHARD ROAD  (Street) GAITHERSBURG MD 20878  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Cartesian Therapeutics, Inc. [ RNAC ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) 04/08/2024	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

**Rule 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.

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	04/08/2024		M		110,151	A	(1)	119,754 <sup>(2)</sup>	D	
Common Stock	04/08/2024		M		377,208	A	(1)	383,796 <sup>(2)</sup>	I	by trust <sup>(3)</sup>
Common Stock	04/08/2024		M		55,746	A	(1)	56,719 <sup>(2)</sup>	I	by trust <sup>(4)</sup>
Common Stock	04/08/2024		M		7,005	A	(1)	7,127 <sup>(2)</sup>	I	by trust <sup>(5)</sup>
Common Stock	04/08/2024		M		14,535	A	(1)	14,788 <sup>(2)</sup>	I	by spouse <sup>(6)</sup>
Common Stock	04/08/2024		M		94,568	A	(1)	96,219 <sup>(2)</sup>	I	as custodian <sup>(7)</sup>
Common Stock	04/08/2024		M		94,568	A	(1)	96,219 <sup>(2)</sup>	I	as custodian <sup>(8)</sup>

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		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(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Series A Non-Voting Convertible Preferred Stock	(1)	04/08/2024		M		3,304.559		(1)	(1)	Common Stock	110,151 <sup>(2)</sup>	(1)	0	D	
Series A Non-Voting Convertible Preferred Stock	(1)	04/08/2024		M		11,316.263		(1)	(1)	Common Stock	377,208 <sup>(2)</sup>	(1)	0	I	by trust <sup>(3)</sup>
Series A Non-Voting Convertible Preferred Stock	(1)	04/08/2024		M		1,672.389		(1)	(1)	Common Stock	55,746 <sup>(2)</sup>	(1)	0	I	by trust <sup>(4)</sup>
Series A Non-Voting Convertible Preferred Stock	(1)	04/08/2024		M		210.152		(1)	(1)	Common Stock	7,005 <sup>(2)</sup>	(1)	0	I	by trust <sup>(5)</sup>
Series A Non-Voting Convertible Preferred Stock	(1)	04/08/2024		M		436.066		(1)	(1)	Common Stock	14,535 <sup>(2)</sup>	(1)	0	I	by spouse <sup>(6)</sup>
Series A Non-Voting Convertible Preferred Stock	(1)	04/08/2024		M		2,837.052		(1)	(1)	Common Stock	94,568 <sup>(2)</sup>	(1)	0	I	as custodian <sup>(7)</sup>
Series A Non-Voting Convertible Preferred Stock	(1)	04/08/2024		M		2,837.052		(1)	(1)	Common Stock	94,568 <sup>(2)</sup>	(1)	0	I	as custodian <sup>(8)</sup>

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned  
(e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		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(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (Right to Buy)	\$19.656							(9)	01/01/2034	Common Stock	7,600 <sup>(2)</sup>		7,600 <sup>(2)</sup>	D	

**Explanation of Responses:**

- On March 27, 2024, the issuer held a special meeting of stockholders (the "Special Meeting"). At the Special Meeting, the stockholders of the issuer approved a 1-for-30 reverse stock split (the "Reverse Stock Split") of the issuer's common stock ("Common Stock") and the conversion of the issuer's Series A Non-Voting Convertible Preferred Stock ("Series A Preferred Stock") into shares of Common Stock. On April 8, 2024, the conversion of the majority of the shares of Series A Preferred Stock occurred automatically (the "Automatic Conversion"). The remaining shares of Series A Preferred Stock remain subject to certain beneficial ownership limitations described in the issuer's filings with the Securities and Exchange Commission. At the time of the Automatic Conversion, all of the reporting person's shares of Series A Preferred Stock converted into shares of Common Stock.
- On April 4, 2024, the issuer effected the Reverse Stock Split. The amount of securities reported on this Form 4 has been adjusted to reflect the Reverse Stock Split.
- Shares are held in a trust for the benefit of the reporting person's spouse and children. The reporting person's spouse is a trustee of this trust.
- Shares are held in a trust for which the reporting person is a beneficiary. The reporting person is a trustee of this trust.
- Shares are held in a trust for which the reporting person is a beneficiary. The reporting person's spouse is a trustee of this trust.
- Shares are held by the reporting person's spouse.
- The shares are held for LS, the child of the reporting person, through a custodial account established pursuant to the Uniform Transfer to Minors Act ("UTMA") for which the reporting person serves as custodian.
- The shares are held for SS, the child of the reporting person, through a custodial account established pursuant to the UTMA for which the reporting person serves as custodian.
- This award will vest in 36 equal monthly installments, so that it shall be fully vested on the third anniversary of the date of grant.

**Remarks:**

/s/ [Matthew Bartholomae](#),  
[Attorney-in-Fact for Michael Singer](#)      04/10/2024

\*\* 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.