

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

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* <b>Brunn Carsten</b>			2. Issuer Name and Ticker or Trading Symbol <b>Cartesian Therapeutics, Inc. [ RNAC ]</b>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <b>President and CEO</b>		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <b>11/13/2023</b>			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
C/O CARTESIAN THERAPEUTICS, INC. 65 GROVE STREET			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) <b>WATERTOWN MA 02472</b>			Rule 10b5-1(c) Transaction Indication <input type="checkbox"/> 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.					
(City) (State) (Zip)								

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	11/13/2023		D		55,000 <sup>(1)</sup>	D	\$2.06	728,081	D	
Common Stock	11/13/2023		D		13,600 <sup>(2)</sup>	D	\$2.06	714,481	D	
Common Stock	11/13/2023		D		169,725 <sup>(3)</sup>	D	\$2.06	544,756	D	
Common Stock	11/13/2023		D		282,800 <sup>(4)</sup>	D	\$2.06	261,956	D	

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
Employee Stock Option (right to buy)	\$6.03	11/13/2023		D		1,000,000		(5)	11/30/2028	Common Stock	1,000,000	(5)	0	D	
Employee Stock Option (right to buy)	\$2.2	11/13/2023		D		330,000		(6)	02/24/2029	Common Stock	330,000	(6)	0	D	
Employee Stock Option (right to buy)	\$1.75	11/13/2023		D		400,000		(7)	10/06/2029	Common Stock	400,000	\$0.31	0	D	
Employee Stock Option (right to buy)	\$2.3	11/13/2023		D		600,000		(8)	01/01/2030	Common Stock	600,000	(8)	0	D	
Employee Stock Option (right to buy)	\$2.84	11/13/2023		D		75,000		(9)	06/30/2030	Common Stock	75,000	(9)	0	D	
Employee Stock Option (right to buy)	\$2.99	11/13/2023		D		670,000		(10)	01/03/2031	Common Stock	670,000	(10)	0	D	
Employee Stock Option (right to buy)	\$4.32	11/13/2023		D		163,000		(11)	09/23/2031	Common Stock	163,000	(11)	0	D	
Employee Stock Option (right to buy)	\$3.31	11/13/2023		D		1,056,100		(12)	01/02/2032	Common Stock	1,056,100	(12)	0	D	
Employee Stock Option (right to buy)	\$1.13	11/13/2023		D		1,275,000		(13)	01/01/2033	Common Stock	1,275,000	\$0.93	0	D	

**Explanation of Responses:**

1. This unvested restricted stock, which was granted on January 4, 2021, was canceled in the merger (the "Merger") between Selecta Biosciences, Inc. and Cartesian Therapeutics, Inc., in exchange for \$113,300, representing \$2.06 per share, the Cash-out Amount as applied in the Merger.
2. This unvested restricted stock, which was granted on September 24, 2021, was canceled in the Merger, in exchange for \$28,016, representing \$2.06 per share, the Cash-out Amount as applied in the Merger.
3. This unvested restricted stock, which was granted on January 3, 2022, was canceled in the Merger, in exchange for \$349,633.50, representing \$2.06 per share, the Cash-out Amount as applied in the Merger.
4. This unvested restricted stock, which was granted on January 2, 2023, was canceled in the Merger, in exchange for \$582,568, representing \$2.06 per share, the Cash-out Amount as applied in the Merger.
5. This option, which provided for vesting as to 25% of the shares on December 1, 2019 with the remainder of the shares vesting in 36 substantially equal monthly installments thereafter, was canceled in the Merger.
6. This option, which provided for vesting as to 25% of the shares on February 25, 2020 with the remainder of the shares vesting in 36 substantially equal monthly installments thereafter, was canceled in the Merger.
7. This option, which provided for vesting as to 50% of the shares on October 7, 2020 and the remaining 50% of the shares on October 7, 2021, was canceled in the Merger, in exchange for a cash payment of \$124,000, representing the difference between the exercise price of the option and \$2.06, the Cash-out Amount as applied in the Merger.
8. This option, which provided for vesting as to 25% of the shares on January 2, 2021 with the remainder of the shares vesting in 36 substantially equal monthly installments thereafter, was canceled in the Merger.
9. This option, which provided for vesting as to 25% of the shares on July 1, 2021 with the remainder of the shares vesting in 36 substantially equal monthly installments thereafter, was canceled in the Merger.
10. This option, which provided for vesting as to 25% of the shares on January 4, 2022 with the remainder of the shares vesting in 36 substantially equal monthly installments thereafter, was canceled in the Merger.
11. This option, which provided for vesting as to 25% of the shares on September 24, 2022 with the remainder of the shares vesting in 36 substantially equal monthly installments thereafter, was canceled in the Merger.
12. This option, which provided for vesting as to 25% of the shares on January 3, 2023 with the remainder of the shares vesting in 36 substantially equal monthly installments thereafter, was canceled in the Merger.
13. This option, which provided for vesting as to 25% of the shares on January 2, 2024 with the remainder of the shares vesting in 36 substantially equal monthly installments thereafter, was canceled in the Merger, in exchange for a cash payment of \$1,185,750, representing the difference between the exercise price of the option and \$2.06, the Cash-out Amount as applied in the Merger.

**Remarks:**

/s/ Matthew Bartholomae,  
Attorney-in-Fact for Carsten      11/15/2023  
Brum

\*\* 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.

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