
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934

(Amendment No. 3)*

Cartesian Therapeutics, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

(CUSIP Number)

Daniel S. Clevenger
Foley Hoag LLP, 155 Seaport Boulevard
Boston, MA, 02210
617-832-1000

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

03/31/2026

(Date of Event Which Requires Filing of This Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.

The information required on the remainder of this cover page shall not be deemed to be “filed” for the purpose of Section 18 of the Securities Exchange Act of 1934 (“Act”) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

SCHEDULE 13D

CUSIP No.

Name of reporting person

1

Murat Kalayoglu

2

Check the appropriate box if a member of a Group (See Instructions)

(a)
 (b)
3 SEC use only
Source of funds (See Instructions)
4 PF, OO
Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)
5
Citizenship or place of organization
6 UNITED STATES
Sole Voting Power
7 5,833,971.00
Number of Shares Beneficially Owned by Each Reporting Person With: 8 Shared Voting Power
0.00
Sole Dispositive Power
9 5,833,971.00
Shared Dispositive Power
10 0.00
Aggregate amount beneficially owned by each reporting person
11 5,833,971.00
Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)
12
Percent of class represented by amount in Row (11)
13 19.9 %
Type of Reporting Person (See Instructions)
14 IN

SCHEDULE 13D

CUSIP No.

1 Name of reporting person
Seven One Eight Three Four Irrevocable Trust
Check the appropriate box if a member of a Group (See Instructions)
2 (a)
 (b)
3 SEC use only
Source of funds (See Instructions)
4 AF, OO
Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)
5
Citizenship or place of organization
6 UNITED STATES
Number of 7 Sole Voting Power

Shares	
Beneficially	5,313,261.00
Owned by	Shared Voting Power
Each	8
Reporting	0.00
Person	Sole Dispositive Power
With:	9
	5,313,261.00
	Shared Dispositive Power
	10
	0.00
	Aggregate amount beneficially owned by each reporting person
11	5,313,261.00
	Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)
12	<input type="checkbox"/>
	Percent of class represented by amount in Row (11)
13	18.1 %
	Type of Reporting Person (See Instructions)
14	OO

SCHEDULE 13D

CUSIP No.

	Name of reporting person
1	Elizabeth Hoge
	Check the appropriate box if a member of a Group (See Instructions)
2	<input type="checkbox"/> (a)
	<input type="checkbox"/> (b)
3	SEC use only
	Source of funds (See Instructions)
4	AF, OO
	Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)
5	<input type="checkbox"/>
	Citizenship or place of organization
6	UNITED STATES
	Sole Voting Power
7	0.00
Number of	Shared Voting Power
Shares	8
Beneficially	5,313,261.00
Owned by	Sole Dispositive Power
Each	9
Reporting	0.00
Person	Shared Dispositive Power
With:	10
	5,313,261.00
11	Aggregate amount beneficially owned by each reporting person

5,313,261.00

Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)

12

Percent of class represented by amount in Row (11)

13

18.1 %

Type of Reporting Person (See Instructions)

14

HC, IN

SCHEDULE 13D

CUSIP No.

Name of reporting person

1

Sinan Kalayoglu

Check the appropriate box if a member of a Group (See Instructions)

2

(a)

(b)

3

SEC use only

Source of funds (See Instructions)

4

AF, OO

Check if disclosure of legal proceedings is required pursuant to Items 2(d) or 2(e)

5

Citizenship or place of organization

6

UNITED STATES

Sole Voting Power

7

0.00

Number of
Shares

Shared Voting Power

Beneficially 8

Owned by

5,313,261.00

Each

Sole Dispositive Power

Reporting 9

Person

0.00

With:

Shared Dispositive Power

10

5,313,261.00

Aggregate amount beneficially owned by each reporting person

11

5,313,261.00

Check if the aggregate amount in Row (11) excludes certain shares (See Instructions)

12

Percent of class represented by amount in Row (11)

13

18.1 %

Type of Reporting Person (See Instructions)

14

HC, IN

SCHEDULE 13D

Item 1. Security and Issuer

Title of Class of Securities:

(a) Common Stock

Name of Issuer:

(b) Cartesian Therapeutics, Inc.

Address of Issuer's Principal Executive Offices:

(c) 7495 New Horizon Way, Frederick, MARYLAND , 21703.

Item 2. Identity and Background

(a) N/A

(b) N/A

(c) Item 2 of the Schedule 13D is hereby amended by deleting section (c) thereof and replacing it with the following: (c) The present principal occupation of Murat Kalayoglu is as a private investor and the Founder and Chief Executive Officer of SOAR Bio LLC. The Trust is a trust for the benefit of Murat Kalayoglu's family members. Elizabeth Hoge, Murat Kalayoglu's spouse, is a beneficiary of the Trust, and each of the Trustees is a trustee of the Trust. The present principal occupation of Elizabeth Hoge is as a Professor and the Director of the Anxiety Disorders Research Program at Georgetown University Medical Center, located at 2115 Wisconsin Avenue, NW, Suite 140, Washington, DC 20007. The present principal occupation of Sinan Kalayoglu is as a Trial Attorney for the United States Department of Justice, located at 1400 New York Avenue, NW, Washington, DC 20005.

(d) N/A

(e) N/A

(f) N/A

Item 3. Source and Amount of Funds or Other Consideration

Item 3 of the Schedule 13D is hereby supplemented as follows: On April 2, 2026, pursuant to a Notice of Optional Conversion delivered to the Issuer by the Trust pursuant to Section 6.02 of the Certificate of Designation, as amended by the Amendment to the Certificate of Designation, 22,740.030 shares of Series A Preferred Stock held by the Trust were converted into 758,001 shares of Common Stock.

Item 4. Purpose of Transaction

Item 4 of the Schedule 13D is supplemented as follows: On March 31, 2026, Murat Kalayoglu resigned as a member of the Issuer's board of directors. On April 2, 2026, pursuant to a Notice of Optional Conversion delivered to the Issuer by the Trust pursuant to Section 6.02 of the Certificate of Designation, as amended by the Amendment to the Certificate of Designation, 22,740.030 shares of Series A Preferred Stock held by the Trust were converted into 758,001 shares of Common Stock.

Item 5. Interest in Securities of the Issuer

(a) Item 5 of the Schedule 13D is hereby amended and restated in full as follows: The percentages of beneficial ownership reported in this Item 5, and on each Reporting Person's cover page to this Schedule 13D, are based on a total of 28,544,728 shares of Common Stock issued and outstanding as of March 31, 2026, as advised by the Issuer. All of the share numbers reported herein are as of April 2, 2026, unless otherwise indicated. Each Reporting Person's cover page to this Schedule 13D is incorporated by reference into this Item 5(a, b). In aggregate, the Reporting Persons have voting and dispositive power over 5,833,971 shares of Common Stock, representing approximately 19.9% of such class of securities. The securities reported herein exclude 1,122,074 shares of Common Stock issuable upon conversion of shares of Series A Preferred Stock held by the Trust, but which would exceed the Conversion Limit. The beneficial ownership of each Reporting Person is as follows: (i) Murat Kalayoglu beneficially owns 5,833,971 shares of Common Stock representing approximately 19.9% of the class; (ii) the Trust beneficially owns 5,313,261 shares of Common Stock representing approximately 18.1% of the class; (iii) Elizabeth Hoge beneficially owns 5,313,261 shares of Common Stock representing approximately 18.1% of the class; and (iv) Sinan Kalayoglu beneficially owns 5,313,261 shares of Common Stock representing approximately 18.1% of the class.

(b) Pursuant to a right of substitution, Murat Kalayoglu has the right to acquire from the Trust the shares of Common Stock and Series A Preferred Stock held by the Trust in exchange for assets with an equal value to such shares. Accordingly, the shares of Common Stock beneficially owned by the Trust are included in his holdings. Murat Kalayoglu has the sole power to vote and dispose of the shares of Common Stock beneficially owned by him (as described above). The Trust has the sole power to vote and dispose of the shares of Common Stock beneficially owned by it (as described above). Each of Elizabeth Hoge and Sinan Kalayoglu has the shared power to vote and dispose of the shares of Common Stock beneficially owned by such person (as described above).

(c) No Reporting Person effected any transaction in the Common Stock from February 1, 2026 (the date 60 days prior to the filing of this Schedule 13D) to April 2, 2026.

(d) No person other than the Reporting Persons is known to have the right to receive or the power to direct the receipt of dividends from or the proceeds from the sale of shares of the Common Stock.

(e) N/A

Item 6. Contracts, Arrangements, Understandings or Relationships With Respect to Securities of the Issuer

N/A

Item 7. Material to be Filed as Exhibits.

1. Item 7 of the Schedule 13D is hereby amended and restated in full as follows: Item 7. Material to be Filed as Exhibits Exhibit 1 Joint Filing Agreement by and among Murat Kalayoglu, Seven One Eight Three Four Irrevocable Trust, Elizabeth Hoge and Sinan Kalayoglu dated November 22, 2023 (incorporated by reference to Exhibit 1 of the Reporting Persons' Schedule 13D filed with the SEC on November 22, 2023). Exhibit 2 Confirming Statement of Seven One Eight Three Four Irrevocable Trust dated November 22, 2023(incorporated by reference to Exhibit 2 of the Reporting Persons' Schedule 13D filed with the SEC on November 22, 2023). Exhibit 3 Confirming Statement of Elizabeth Hoge dated November 22, 2023 (incorporated by reference to Exhibit 3 of the Reporting Persons' Schedule 13D filed with the SEC on November 22, 2023). Exhibit 4 Confirming Statement of Sinan Kalayoglu dated November 22, 2023 (incorporated by reference to Exhibit 4 of the Reporting Persons' Schedule 13D filed with the SEC on November 22, 2023). Exhibit 5 Agreement and Plan of Merger, dated November 13, 2023, by and among Selecta Biosciences, Inc. Sakura Merger Sub I, Inc., Sakura Merger Sub II, LLC and Cartesian Therapeutics, Inc. (incorporated by reference to Exhibit 2.1 to the Current Report on Form 8-K filed by the Issuer with the Securities and Exchange Commission on November 13, 2023). Exhibit 6 Certificate of Designation of Series A Non-Voting Convertible Preferred Stock (incorporated by reference to Exhibit 3.4 to the Current Report on Form 8-K filed by the Issuer with the Securities and Exchange Commission on November 13, 2023). Exhibit 7 Securities Purchase Agreement, dated November 13, 2023, by and among Selecta Biosciences, Inc. and the Purchasers named therein (incorporated by reference to Exhibit 10.1 to the Current Report on Form 8-K filed by the Issuer with the Securities and Exchange Commission on November 13, 2023). Exhibit 8 Registration Rights Agreement, dated November 13, 2023, by and among Selecta Biosciences, Inc. and the Purchasers named therein (incorporated by reference to Exhibit 10.2 to the Current Report on Form 8-K filed by the Issuer with the Securities and Exchange Commission on November 13, 2023).

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Murat Kalayoglu

Signature: /s/ Murat Kalayoglu

Name/Title: Murat Kalayoglu

Date: 04/02/2026

Seven One Eight Three Four Irrevocable Trust

Signature: /s/ Murat Kalayoglu

Name/Title: Murat Kalayoglu, Authorized Person

Date: 04/02/2026

Elizabeth Hoge

Signature: /s/ Murat Kalayoglu

Name/Title: Murat Kalayoglu, Authorized Person

Date: 04/02/2026

Sinan Kalayoglu

Signature: /s/ Murat Kalayoglu

Name/Title: Murat Kalayoglu, Authorized Person

Date: 04/02/2026