

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

AURA BIOSCIENCES, INC.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

(CUSIP Number)

06/30/2026

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- ☒ Rule 13d-1(b)
- ☐ Rule 13d-1(c)
- ☐ Rule 13d-1(d)

SCHEDULE 13G

CUSIP No.

	Names of Reporting Persons
1	LONG FOCUS CAPITAL MANAGEMENT, LLC
	Check the appropriate box if a member of a Group (see instructions)
2	☐ (a) ☒ (b)
3	Sec Use Only
	Citizenship or Place of Organization
4	DELAWARE
Number of Shares Beneficially	Sole Voting Power
5	0.00

Owned by Each Reporting Person With:	6	Shared Voting Power
		5,119,582.00
		Sole Dispositive Power
	7	0.00
		Shared Dispositive Power
	8	5,119,582.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person	
		5,119,582.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)	
		☐
11	Percent of class represented by amount in row (9)	
		4.9 %
12	Type of Reporting Person (See Instructions)	
		IA

SCHEDULE 13G

CUSIP No.

1	Names of Reporting Persons	
	JOHN HELMERS	
	Check the appropriate box if a member of a Group (see instructions)	
2	☐ (a) ☒ (b)	
3	Sec Use Only	
4	Citizenship or Place of Organization	
	DELAWARE	
	Sole Voting Power	
	5	0.00
Number of Shares Beneficially Owned by Each Reporting Person With:	6	Shared Voting Power
		5,119,582.00
		Sole Dispositive Power
	7	0.00
		Shared Dispositive Power
	8	5,119,582.00
9	Aggregate Amount Beneficially Owned by Each Reporting Person	
		5,119,582.00
10	Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)	
		☐
11	Percent of class represented by amount in row (9)	
		4.9 %

IN

SCHEDULE 13G

Item 1.

Name of issuer:

(a)

AURA BIOSCIENCES, INC.

Address of issuer's principal executive offices:

(b)

80 Guest Street, Boston, MA 02135

Item 2.

Name of person filing:

(a)

LONG FOCUS CAPITAL MANAGEMENT LLC JOHN HELMERS

Address or principal business office or, if none, residence:

(b)

207 CALLE DEL PARQUE A&M TOWER, 8TH FLOOR SAN JUAN, PR 00912

Citizenship:

(c)

Long Focus Capital Management, LLC, a Delaware single member limited liability company; and John Helmers, a United States citizen.

Title of class of securities:

(d)

Common Stock

(e)

CUSIP No.:

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

(a)

☐ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);

(b)

☐ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);

(c)

☐ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);

(d)

☐ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);

(e)

☒ An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);

(f)

☐ An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);

(g)

☐ A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);

(h)

☐ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);

(i)

☐ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);

(j)

☐ A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

(k)

☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

Amount beneficially owned:

(a)

The information required by Item 4(a) is set forth in Row (9) of the cover page for each Reporting Person hereto and is incorporated herein by reference for each Reporting Person. Such information is as of the close of business on June 30, 2026. Long Focus Capital Management, LLC and John Helmers directly own no Common Stock. Pursuant to investment management agreements with its clients, Long Focus Capital Management, LLC maintains dispositive and voting power with respect to the securities held in its clients' accounts. John Helmers controls Long Focus Capital Management, LLC.

Percent of class:

(b)

The information required by Item 4(b) is set forth in Row (11) of the cover page for each Reporting Person hereto and is incorporated herein by reference for each Reporting Person. Such information is as of the close of business on June 30, 2026. %

(c) Number of shares as to which the person has:

(i) Sole power to vote or to direct the vote:

The information required by Item 4(c)(i) is set forth in Row (5) of the cover page for each Reporting Person hereto and is incorporated herein by reference for each Reporting Person. Such information is as of the close of business on June 30, 2026.

(ii) Shared power to vote or to direct the vote:

The information required by Item 4(c)(ii) is set forth in Row (6) of the cover page for each Reporting Person hereto and is incorporated herein by reference for each Reporting Person. Such information is as of the close of business on June 30, 2026.

(iii) Sole power to dispose or to direct the disposition of:

The information required by Item 4(c)(iii) is set forth in Row (7) of the cover page for each Reporting Person hereto and is incorporated herein by reference for each Reporting Person. Such information is as of the close of business on June 30, 2026.

(iv) Shared power to dispose or to direct the disposition of:

The information required by Item 4(c)(iv) is set forth in Row (8) of the cover page for each Reporting Person hereto and is incorporated herein by reference for each Reporting Person. Such information is as of the close of business on June 30, 2026.

Item 5. Ownership of 5 Percent or Less of a Class.

☒ Ownership of 5 percent or less of a class

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

If any other person 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, such securities, a statement to that effect should be included in response to this item and, if such interest relates to more than 5 percent of the class, such person should be identified. A listing of the shareholders of an investment company registered under the Investment Company Act of 1940 or the beneficiaries of employee benefit plan, pension fund or endowment fund is not required.

Securities reported on this statement on Schedule 13G as being beneficially owned by Long Focus Capital Management, LLC were purchased on behalf of its clients and no one client owns more than 5 percent of a class of such securities.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

Not Applicable

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under § 240.14a-11.

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.

LONG FOCUS CAPITAL MANAGEMENT, LLC

Signature: /s/ John Helmers

Name/Title: Managing Member

Date: 08/14/2026

JOHN HELMERS

Signature: /s/ John Helmers

Name/Title: John Helmers

Date: 08/14/2026