

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).

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
Instruction 10.

1. Name and Address of Reporting Person* <u>Abu-Absi Susan</u> (Last) (First) (Middle) <u>C/O AURA BIOSCIENCES, INC.</u> <u>80 GUEST STREET</u> (Street) <u>BOSTON</u> <u>MA</u> <u>02135</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Aura Biosciences, Inc. [AURA]</u> Foreign Trading Symbol 3. Date of Earliest Transaction (Month/Day/Year) <u>09/01/2026</u> 4. If Amendment, Date of Original Filed (Month/Day/Year)	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner ☒ Officer (give title below) Other (specify below) <u>Chief Operating Officer</u> 6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person Form filed by More than One Reporting Person
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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	09/01/2026		A		134,513 ⁽¹⁾	A	\$0	134,513	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	Amount or Number of Shares				
Stock Option (Right to Buy)	\$7.43	09/01/2026		A		265,487		(2)	09/01/2036	Common Stock	265,487	\$0	265,487	D	

Explanation of Responses:

1. These securities represent an inducement award granted pursuant to a restricted stock unit ("RSU") award agreement with the Issuer. Each RSU represents the right to receive one share of the Issuer's Common Stock. These RSUs vest in four substantially equal annual installments, subject to the Reporting Person's continued service as of the relevant vesting date, with the first tranche scheduled to vest on September 15, 2027.

2. The option shall vest as follows: 25% of the options vest on August 10, 2027 with the remainder vesting thereafter pro-rata in 36 monthly installments, subject to the Reporting Person's continued service as of each such vesting date.

/s/ Amy Elazzouzi, as Attorney-in-Fact 09/01/2026

** 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.

POWER OF ATTORNEY

Know all by these present, that I, the undersigned director and/or officer of Aura Biosciences, Inc., a Delaware corporation (the “**Company**”), hereby constitute and appoint Amy Elazzouzi and Daniel Grassi, as long as such individual is providing services to the Company, as my true and lawful attorney-in-fact and agent, with full power to act, together or each without the other, with full power of substitution and resubstitution, for me and in my name, place and stead, in any and all capacities:

(i) to execute and file for and on behalf of the undersigned any reports on Forms 3, 4 and 5 (including any amendments thereto and any successors to such Forms) with respect to ownership acquisition or disposition of securities of the Company that the undersigned may be required to file with the U.S. Securities and Exchange Commission (the “**SEC**”) in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended (the “**Exchange Act**”), and the rules promulgated thereunder;

(ii) to execute as my attorney-in-fact and cause the filing for and on behalf of the undersigned any voluntary filings under Section 16(a) of the Exchange Act;

(iii) to request electronic filing codes from the SEC by filing the Form ID or Amended Form ID (including any amendments thereto) and any other documents necessary or appropriate to obtain codes and credentials enabling the undersigned to file such reports electronically;

(iv) to prepare, file, and submit any documents or reports that may be required under SEC Rule 144 under the Securities Act of 1933, as amended (the “**Securities Act**”), including, without limitation, Notices of Proposed Sale of Securities Pursuant to Rule 144 (“**Form 144**”), to permit the undersigned to sell Company common stock without registration under the Securities Act in reliance on Rule 144 as amended from time to time; or

(v) take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact’s or attorney-in-fact’s discretion.

The undersigned acknowledges that the foregoing attorney-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned’s responsibilities to comply with Section 16(a) of the Exchange Act, Rule 144, or the Securities Act. The Company will use all reasonable efforts to apprise the undersigned of applicable filing requirements for purposes of Section 16(a) of the Exchange Act or the Securities Act.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4 and 5 with respect to the undersigned’s holdings and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorney-in-fact. This Power of Attorney revokes and replaces any prior Power of Attorney executed by the undersigned with respect to the ownership, acquisition or disposition of securities of the Company.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this August 31, 2026.

/s/ Susan Abu-Absi
Signature

Susan Abu-Absi, PhD
Print Name