

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>Leoni Mollie</u> (Last) (First) (Middle) <u>C/O KURA ONCOLOGY, INC.</u> <u>4930 DIRECTORS PLACE, SUITE 500</u> (Street) <u>SAN DIEGO CA 92121</u> (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>Kura Oncology, Inc. [KURA]</u> Foreign Trading Symbol 3. Date of Earliest Transaction (Month/Day/Year) <u>09/28/2026</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 Medical 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	09/28/2026		S ⁽¹⁾		12,448	D	\$10.4973	169,897	D	
Common Stock	09/29/2026		S ⁽²⁾		28,802	D	\$10.7481 ⁽³⁾	141,095	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		Date Exercisable	Expiration Date					

Explanation of Responses:

1. Sell-to-cover for taxes associated with the vesting of 1/6th of the underlying shares of performance-based restricted stock units ("PSUs") granted to the Reporting Person on May 31, 2023. Each PSU represents the contingent right to receive one share of the Issuer's common stock based on the achievement of each of three specified development milestones, and the one-year anniversary of each milestone achievement, subject to the Reporting Person's continuous service on each corresponding vesting date. The one-year anniversary of the specified development milestone was determined to be met on September 27, 2026, resulting in the vesting of 1/6th of the underlying shares.

2. The shares sold were acquired by the Reporting Person upon vesting of performance restricted stock units on September 27, 2026. The sales reported herein were effected pursuant to a Rule 10b5-1 trading plan adopted by the Reporting Person on March 19, 2026.

3. This transaction was executed in multiple trades at prices ranging from \$10.53 to \$10.89. The price reported above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the issuer or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.

Teresa Bair, Attorney-in-fact
for Mollie Leoni 09/29/2026
** 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.