FORM 4

Section 16. Form 4 or Form 5 obligations may continue. See

Instruction 1(b).

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

| Check this box if no longer subject to SIAIEWENT OF CHANGES IN BENEFICIAL OVVNERSE Section 16. Form 4 or Form 5 | Check this box if no longer subject to<br>Section 16. Form 4 or Form 5 | STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP |
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OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person*  LIU YI                 |  |  |          |   | 2. Issuer Name and Ticker or Trading Symbol Kura Oncology, Inc. [ KURA ] |                              |               |  |                    |   |  | Relationship of eck all applications  Officer  | able)                                      | g Perso  | on(s) to Issu<br>10% Ow<br>Other (s)  | ner   |  |
|--|--|--|----------|---|--|------------------------------|---------------|--|--------------------|---|--|--|--|--|---------------------------------------|---|--|
| (Last) KURA C  | (Fi  | ,  | (Middle) |   | Date o<br>/29/2  |                              | Trans         | saction (Montl   | n/Day/Year)        |   | below)                                 |  |  | below)   | Scony                                 |   |  |
| 11119 N. TORREY PINES ROAD, SUITE 125                            |  |  |          | 4.  | If Amendment, Date of Original Filed (Month/Day/Year)                    |                              |               |  |                    |   |  | 6. Individual or Joint/Group Filing (Check Applicable  |  |  |                                       |   |  |
| (Street)   | rreet)<br>A JOLLA CA 92037   |  |          |   |  |                              |               |  |                    |   |  | X Form filed by One Reporting Person Form filed by More than One Reporting Person                  |  |  |                                       |   |  |
| (City)   | (Si  | ate)   | (Zip)    |   |  |                              |               |  |                    |   |  | F 61301  |  |  |                                       |   |  |
|  | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned   |  |          |   |  |                              |               |  |                    |   |  |  |  |  |                                       |   |  |
| 1. Title of Security (Instr. 3)  2. Transa Date (Month/D         |  |  |          | •   | Execution Date,  |                              |               | 3. Transaction Code (Instr. 8) 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4) 5) |                    |   | ed (A) or<br>tr. 3, 4 and              | Beneficia  | es Forn<br>ally (D) o<br>Following (I) (Ir |  | n: Direct<br>or Indirect<br>nstr. 4)  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |  |
|  |  |  |          |   |  |                              | Code V        | Amount   | (A) or (D)         | Price   | Transact<br>(Instr. 3 a                | tion(s)  |  |  | (Instr. 4)                            |   |  |
|  | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |  |          |   |  |                              |               |  |                    |   |  |  |  |  |                                       |   |  |
| Derivative Conversion Date Security or Exercise (Month/Day/Year) |  | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year | Code (   | nsaction of Derive Securion (A) or Disport of (D) 3, 4 ar |  | ve<br>es<br>d<br>ed<br>nstr. | Expiration Da | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year)                             |                    | 7. Title and Amount<br>of Securities<br>Underlying<br>Derivative Security<br>(Instr. 3 and 4) |  | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) |  | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4) |   |  |
|  |  |  |          | Code  | v  | (A)                          | (D)           | Date<br>Exercisable  | Expiration<br>Date | Title   | Amount<br>or<br>Number<br>of<br>Shares |  |  |  |                                       |   |  |
| Option to<br>purchase<br>common<br>stock                         | \$4.8  | 01/29/2016   |          | A   |  | 50,000                       |               | (1)  | 01/28/2026         | Common<br>stock   | 50,000                                 | \$0.00   | 50,000                                     |  | D                                     |   |  |

## **Explanation of Responses:**

1. This option vests in 48 equal monthly installments commencing on the grant date.

## Remarks:

Annette North, Attorney-in-fact 02/02/2016 for Yi Liu

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- $^{\star}$  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.