

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

**FORM S-8
REGISTRATION STATEMENT**
*UNDER
THE SECURITIES ACT OF 1933*

KURA ONCOLOGY, INC.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of
incorporation or organization)

61-1547851
(I.R.S. Employer
Identification No.)

11119 N. Torrey Pines Road, Suite 125
La Jolla, CA
(Address of Principal Executive Offices)

92037
(Zip Code)

**Amended and Restated 2014 Equity Incentive Plan
2015 Employee Stock Purchase Plan**
(Full titles of the plans)

Troy E. Wilson, Ph.D., J.D.
President and Chief Executive Officer
Kura Oncology, Inc.
11119 N. Torrey Pines Road, Suite 125
La Jolla, California 92037
(858) 500-8800

(Name, address, including zip code, and telephone number, including area code, of agent for service)

Copies to:

Charles J. Bair, Esq.
James C. Pennington, Esq.
Cooley LLP
4401 Eastgate Mall
San Diego, California 92121
Tel: (858) 550-6000

Heidi Henson
Chief Financial Officer and Secretary
Kura Oncology, Inc.
11119 N. Torrey Pines Road, Suite 125
La Jolla, California 92037
(858) 500-8800

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large Accelerated filer Accelerated filer
Non-accelerated filer (Do not check if a smaller reporting company) Smaller reporting company

CALCULATION OF REGISTRATION FEE

Title of securities to be registered	Amount to be registered (1)	Proposed maximum offering price per share	Proposed maximum aggregate offering price	Amount of registration fee
Amended and Restated 2014 Equity Incentive Plan Common Stock, \$0.0001 par value per share	5,975,000 shares (2)	\$3.71 (3)	\$22,167,250 (3)	\$2,576
2015 Employee Stock Purchase Plan Common Stock, \$0.0001 par value per share	25,000 shares (4)	\$3.71 (3)	\$92,750 (3)	\$11

(1) Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement shall also cover any additional shares of the Registrant's Common Stock ("Common Stock") that become issuable under the Kura Oncology, Inc. Amended and Restated 2014 Equity

Incentive Plan (the "2014 Plan") or the Kura Oncology, Inc. 2015 Employee Stock Purchase Plan (the "2015 ESPP") by reason of any stock dividend, stock split, recapitalization or other similar transaction.

- (2) Represents outstanding restricted stock awards covering 4,943,498 shares of Common Stock issued under the 2014 Plan and 1,031,502 shares of Common Stock reserved for future grants under the 2014 Plan. The 2014 Plan provides that an additional number of shares will automatically be added annually to the shares authorized for issuance under the 2014 Plan on January 1 of each calendar year, from January 1, 2016 through January 1, 2025. The number of shares added each year will be equal to either: (a) 4% of the total number of shares of capital stock outstanding on December 31 of the preceding calendar year; or (b) a number of shares of Common Stock that may be determined each year by the Registrant's board of directors (the "Board") that is less than the preceding clause (a).
 - (3) This estimate is made pursuant to Rule 457(h)(1) of the Securities Act solely for purposes of calculating the registration fee, and, because there is currently no market for the Common Stock, is based on the book value of the Common Stock as of March 9, 2015.
 - (4) Represents 25,000 shares of Common Stock reserved for future grant under the 2015 ESPP. The 2015 ESPP provides that an additional number of shares will automatically be added annually to the shares authorized for issuance under the 2015 ESPP on January 1 of each calendar year, from January 1, 2016 through January 1, 2025. The number of shares of Common Stock added each year will be equal to the lesser of: (a) 1.0% of the total number of shares of Common Stock outstanding on December 31 of the preceding calendar year; (b) 2,000,000 shares of Common Stock; or (c) a number of shares of Common Stock that may be determined each year by the Board that is less than the preceding clauses (a) and (b).
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PART I

INFORMATION REQUIRED IN THE SECTION 10(a) PROSPECTUS

ITEM 1. PLAN INFORMATION.

Not required to be filed with this Registration Statement.

ITEM 2. REGISTRANT INFORMATION AND EMPLOYEE PLAN ANNUAL INFORMATION.

Not required to be filed with this Registration Statement.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

ITEM 3. INCORPORATION OF DOCUMENTS BY REFERENCE.

The Registrant hereby incorporates by reference into this Registration Statement the following documents previously filed by the Registrant with the Securities and Exchange Commission (the "Commission"):

(a) The Registrant's Annual Report on Form 10-K filed on February 27, 2015 (filed under the name Zeta Acquisition Corp. III).

(b) The Registrant's Current Reports on Form 8-K filed on March 12, 2015 (containing Items 1.01, 2.01, 3.02, 4.01, 5.01, 5.02, 5.03, 5.06 and 9.01), which includes audited financial statements for Kura Oncology, Inc. (the company acquired by the Registrant on March 6, 2015) for the period from August 22, 2014 (inception) through December 31, 2014, and March 12, 2015 (containing Item 5.07).

(c) The description of the Registrant's Common Stock contained in the Registrant's Registration Statement on Form 10-SB filed on February 1, 2008, including any amendments or reports filed for the purpose of updating such description, including the Current Report on Form 8-K filed on March 12, 2015 (containing Items 1.01, 2.01, 3.02, 4.01, 5.01, 5.02, 5.03, 5.06 and 9.01).

All documents, reports and definitive proxy or information statements filed pursuant to Section 13(a), 13(c), 14 or 15(d) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), after the date of this Registration Statement and prior to the filing of a post-effective amendment which indicates that all securities offered hereby have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference into this Registration Statement and to be a part hereof from the date of filing of such documents; provided, however, that documents, reports and definitive proxy or information statements, or portions thereof, which are furnished and not filed in accordance with the rules of the Commission shall not be deemed incorporated by reference into this Registration Statement. Any statement contained in a document incorporated or deemed to be incorporated herein by reference shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement herein or in any other subsequently filed document which also is or is deemed to be incorporated by reference herein modifies or supersedes that statement. Any such statement so modified or superseded shall not constitute a part of this Registration Statement, except as so modified or superseded.

ITEM 4. DESCRIPTION OF SECURITIES.

Not applicable.

ITEM 5. INTERESTS OF NAMED EXPERTS AND COUNSEL.

Not applicable.

ITEM 6. INDEMNIFICATION OF DIRECTORS AND OFFICERS.

The Registrant is incorporated under the laws of the State of Delaware. Section 145 of the Delaware General Corporation Law provides that a Delaware corporation may indemnify any persons who were, are, or are threatened to be made, parties to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of such corporation), by reason of the fact that such person is or was an officer, director, employee or agent of such corporation, or is or was serving at the request of such corporation as an officer, director, employee or agent of another corporation or enterprise. The indemnity may include expenses (including attorneys' fees), judgments, fines and amounts paid in settlement actually and reasonably incurred by such person in connection with such action, suit or proceeding, provided that such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the corporation's best interests and, with respect to any criminal action or proceeding, had no reasonable cause to believe that his or her conduct was illegal. A Delaware corporation may indemnify any persons who were, are, or are threatened to be made, a party to any threatened, pending or completed action or suit by or in the right of the corporation by reason

of the fact that such person is or was a director, officer, employee or agent of such corporation, or is or was serving at the request of such corporation as a director, officer, employee or agent of another corporation or enterprise. The indemnity may include expenses (including attorneys' fees) actually and reasonably incurred by such person in connection with the defense or settlement of such action or suit provided such person acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the corporation's best interests except that no indemnification is permitted without judicial approval if the officer or director is adjudged to be liable to the corporation. Where an officer or director is successful on the merits or otherwise in the defense of any action referred to above, the corporation must indemnify him or her against the expenses (including attorneys' fees) actually and reasonably incurred.

The Registrant's amended and restated certificate of incorporation and amended and restated bylaws provide for the indemnification of its directors and officers to the fullest extent permitted under the Delaware General Corporation Law.

Section 102(b)(7) of the Delaware General Corporation Law permits a corporation to provide in its certificate of incorporation that a director of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for breach of fiduciary duties as a director, except for liability for any:

- transaction from which the director derives an improper personal benefit;
- act or omission not in good faith or that involves intentional misconduct or a knowing violation of law;
- unlawful payment of dividends or redemption of shares; or
- breach of a director's duty of loyalty to the corporation or its stockholders.

The Registrant's amended and restated certificate of incorporation includes such a provision. Expenses incurred by any officer or director in defending any such action, suit or proceeding in advance of its final disposition shall be paid by the Registrant upon delivery to it of an undertaking, by or on behalf of such director or officer, to repay all amounts so advanced if it shall ultimately be determined that such director or officer is not entitled to be indemnified by the Registrant.

Section 174 of the Delaware General Corporation Law provides, among other things, that a director who willfully or negligently approves of an unlawful payment of dividends or an unlawful stock purchase or redemption may be held liable for such actions. A director who was either absent when the unlawful actions were approved, or dissented at the time, may avoid liability by causing his or her dissent to such actions to be entered in the books containing minutes of the meetings of the board of directors at the time such action occurred or immediately after such absent director receives notice of the unlawful acts.

As permitted by the Delaware General Corporation Law, the Registrant has entered into indemnity agreements with each of its directors and executive officers, that require the Registrant to indemnify such persons against any and all costs and expenses (including attorneys', witness or other professional fees) actually and reasonably incurred by such person in connection with any action, suit or proceeding (including derivative actions), whether actual or threatened, to which any such person may be made a party by reason of the fact that such person is or was a director or officer or is or was acting or serving as an officer, director, employee or agent of the Registrant or any of its affiliated enterprises, provided that such person acted in good faith and in a manner such person reasonably believed to be in or not opposed to the Registrant's best interests and, with respect to any criminal proceeding, had no reasonable cause to believe his or her conduct was unlawful. The indemnification agreements also set forth certain procedures that will apply in the event of a claim for indemnification thereunder.

At present, there is no pending litigation or proceeding involving any of the Registrant's directors or executive officers as to which indemnification is required or permitted, and the Registrant is not aware of any threatened litigation or proceeding that may result in a claim for indemnification.

The Registrant has an insurance policy in place that covers its officers and directors with respect to certain liabilities, including liabilities arising under the Securities Act or otherwise.

ITEM 7. EXEMPTION FROM REGISTRATION CLAIMED.

Not applicable.

ITEM 8. EXHIBITS.

<u>Exhibit Number</u>	<u>Description</u>
4.1(1)	Amended and Restated Certificate of Incorporation of the Registrant.
4.2(2)	Amended and Restated Bylaws of the Registrant.
4.3(3)	Form of Common Stock Certificate of the Registrant.
5.1	Opinion of Cooley LLP.
23.1	Consent of Independent Registered Public Accounting Firm.
23.2	Consent of LWBJ, LLP, an Independent Registered Public Accounting Firm.
23.3	Consent of Cooley LLP. Reference is made to Exhibit 5.1.
24.1	Power of Attorney. Reference is made to the signature page hereto.
99.1(4)	Kura Oncology, Inc. Amended and Restated 2014 Equity Incentive Plan and Forms of Stock Option Agreement, Notice of Exercise and Stock Option Grant Notice thereunder.
99.2(5)	Form of Restricted Stock Purchase Agreement and Restricted Stock Purchase Award Notice under the Kura Oncology, Inc. Amended and Restated 2014 Equity Incentive Plan.
99.3(6)	Kura Oncology, Inc. 2015 Employee Stock Purchase Plan.

- (1) Previously filed as Exhibit 3.1 to the Registrant's Registration Statement on Form S-1, filed with the Commission on April 17, 2015, and incorporated herein by reference.
- (2) Previously filed as Exhibit 3.5 to the Registrant's Current Report on Form 8-K, filed with the Commission on March 12, 2015 (containing Items 1.01, 2.01, 3.02, 4.01, 5.01, 5.02, 5.03, 5.06 and 9.01), and incorporated herein by reference.
- (3) Previously filed as Exhibit 4.1 to the Registrant's Current Report on Form 8-K, filed with the Commission on March 12, 2015 (containing Items 1.01, 2.01, 3.02, 4.01, 5.01, 5.02, 5.03, 5.06 and 9.01), and incorporated herein by reference.
- (4) Previously filed as Exhibit 10.1 to the Registrant's Current Report on Form 8-K, filed with the Commission on March 12, 2015 (containing Items 1.01, 2.01, 3.02, 4.01, 5.01, 5.02, 5.03, 5.06 and 9.01), and incorporated herein by reference.
- (5) Previously filed as Exhibit 10.2 to the Registrant's Current Report on Form 8-K, filed with the Commission on March 12, 2015 (containing Items 1.01, 2.01, 3.02, 4.01, 5.01, 5.02, 5.03, 5.06 and 9.01), and incorporated herein by reference.
- (6) Previously filed as Exhibit 10.3 to the Registrant's Current Report on Form 8-K, filed with the Commission on March 12, 2015 (containing Items 1.01, 2.01, 3.02, 4.01, 5.01, 5.02, 5.03, 5.06 and 9.01), and incorporated herein by reference.

ITEM 9. UNDERTAKINGS.

(a) The undersigned Registrant hereby undertakes:

(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this Registration Statement:

(i) To include any prospectus required by Section 10(a)(3) of the Securities Act;

(ii) To reflect in the prospectus any facts or events arising after the effective date of the Registration Statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the Registration Statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the SEC pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective Registration Statement;

(iii) To include any material information with respect to the plan of distribution not previously disclosed in the Registration Statement or any material change to such information in the Registration Statement;

Provided, however, that paragraphs (a)(1)(i) and (a)(1)(ii) do not apply if the Registration Statement is on Form S-8, and the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the Registrant pursuant to Section 13 or Section 15(d) of the Exchange Act that are incorporated by reference in the Registration Statement; and

(2) That, for the purpose of determining any liability under the Securities Act, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.

(b) The undersigned Registrant hereby undertakes that, for purposes of determining any liability under the Securities Act, each filing of the Registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Exchange Act (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Exchange Act) that is incorporated by reference in the Registration Statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.

(c) Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the Registrant pursuant to the foregoing provisions, or otherwise, the Registrant has been advised that in the opinion of the Commission such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the Registrant of expenses incurred or paid by a director, officer or controlling person of the Registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the Registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of La Jolla, State of California, on April 17, 2015.

KURA ONCOLOGY, INC.

By: /s/ Troy E. Wilson, Ph.D., J.D.
Troy E. Wilson, Ph.D., J.D.
President and Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL BY THESE PRESENTS, that each person whose signature appears below constitutes and appoints Troy E. Wilson, Ph.D., J.D. and Heidi Henson, and each of them, as his or her true and lawful attorneys-in-fact and agents, each with the full power of substitution, for him or her and in his or her name, place or stead, in any and all capacities, to sign any and all amendments to this Registration Statement (including post-effective amendments), and to file the same, with exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this Registration Statement has been signed by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Troy E. Wilson, Ph.D., J.D.</u> Troy E. Wilson, Ph.D., J.D.	President, Chief Executive Officer and Chairman of the Board of Directors <i>(Principal Executive Officer)</i>	April 17, 2015
<u>/s/ Heidi Henson</u> Heidi Henson	Chief Financial Officer and Secretary <i>(Principal Financial Officer and Principal Accounting Officer)</i>	April 17, 2015
<u>/s/ Robert E. Hoffman</u> Robert E. Hoffman	Director	April 17, 2015

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- (5) Previously filed as Exhibit 10.2 to the Registrant's Current Report on Form 8-K, filed with the Commission on March 12, 2015 (containing Items 1.01, 2.01, 3.02, 4.01, 5.01, 5.02, 5.03, 5.06 and 9.01), and incorporated herein by reference.
- (6) Previously filed as Exhibit 10.3 to the Registrant's Current Report on Form 8-K, filed with the Commission on March 12, 2015 (containing Items 1.01, 2.01, 3.02, 4.01, 5.01, 5.02, 5.03, 5.06 and 9.01), and incorporated herein by reference.



Charles J. Bair
+1 858 550 6142
cbair@cooley.com

April 17, 2015

Kura Oncology, Inc.
11119 N. Torrey Pines Road, Suite 125
La Jolla, CA 92037

Ladies and Gentlemen:

You have requested our opinion, as counsel to KURA ONCOLOGY, INC., a Delaware corporation (the "Company"), with respect to certain matters in connection with the filing by the Company of a Registration Statement on Form S-8 (the "Registration Statement") with the Securities and Exchange Commission, covering the offering of an aggregate of up to 6,000,000 shares of the Company's Common Stock, \$0.0001 par value (the "Shares"), including 5,975,000 shares issuable pursuant to the Company's Amended and Restated 2014 Equity Incentive Plan (the "Incentive Plan") and 25,000 shares issuable pursuant to the Company's 2015 Employee Stock Purchase Plan (the "Employee Plan").

In connection with this opinion, we have examined and relied upon the Registration Statement and related prospectuses, the Incentive Plan, the Employee Plan, the Company's Amended and Restated Certificate of Incorporation and Bylaws, and the originals or copies certified to our satisfaction of such records, documents, certificates, memoranda and other instruments as in our judgment are necessary or appropriate to enable us to render the opinion expressed below. We have assumed the genuineness and authenticity of all documents submitted to us as originals and the conformity to originals of all documents submitted to us as copies thereof. Our opinion is expressed only with respect to the General Corporation Law of the State of Delaware.

On the basis of the foregoing, and in reliance thereon, we are of the opinion that the Shares, when issued and sold in accordance with the Incentive Plan or the Employee Plan, as applicable, the Registration Statement and related prospectus, will be validly issued, fully paid and nonassessable (except as to shares issued pursuant to certain deferred payment arrangements under the Incentive Plan which will be fully paid and nonassessable when such deferred payments are made in full).

We consent to the filing of this opinion as an exhibit to the Registration Statement.

Sincerely,

Cooley LLP

By: /s/ Charles J. Bair
Charles J. Bair

4401 EASTGATE MALL, SAN DIEGO, CA 92121 T: (858) 550-6000 F: (858) 550-6420 WWW.COOLEY.COM

Consent of Independent Registered Public Accounting Firm

We consent to the incorporation by reference in the Registration Statement (Form S-8) pertaining to the Amended and Restated 2014 Equity Incentive Plan and 2015 Employee Stock Purchase Plan of Kura Oncology, Inc. of our report dated March 12, 2015, with respect to the financial statements of Kura Oncology, Inc. included in its Current Report on Form 8-K dated March 12, 2015, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

San Diego, California
April 17, 2015

Consent of Independent Registered Public Accounting Firm

We hereby consent to the incorporation by reference in this Registration Statement on Form S-8 of Kura Oncology, Inc. of our report dated February 27, 2015, with respect to our audits of the financial statements of Zeta Acquisition Corp. III for the years ended December 31, 2014 and 2013, which appears in the Zeta Acquisition Corp. III Form 10-K filed on February 27, 2015.

/s/ LWBJ, LLP
West Des Moines, Iowa
April 17, 2015