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

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

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**CYTOMX THERAPEUTICS, INC.**  
(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or Other Jurisdiction of  
Incorporation or Organization)

**27-3521219**  
(IRS Employer  
Identification No.)

**343 Oyster Point Blvd.**  
**Suite 100**  
**South San Francisco, CA 94080**  
(Address of Principal Executive Offices)

**CytomX Therapeutics, Inc. 2015 Equity Incentive Plan**  
**CytomX Therapeutics, Inc. Employee Stock Purchase Plan**  
(Full Title of the Plans)

**Sean A. McCarthy, D. Phil.**  
**President and Chief Executive Officer**  
**CytomX Therapeutics, Inc.**  
**343 Oyster Point Blvd.**  
**Suite 100**  
**South San Francisco, CA 94080**  
**(650) 515-3185**  
(Name, Address and Telephone Number, including Area Code, of Agent for Service)

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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

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**CALCULATION OF REGISTRATION FEE**

<b>Title of Securities to be Registered</b>	<b>Amount to be Registered(1)</b>	<b>Proposed Maximum Offering Price Per Share(4)</b>	<b>Proposed Maximum Aggregate Offering Price(4)</b>	<b>Amount of Registration Fee(4)</b>
Common stock, par value \$0.00001 per share				
• 2015 Equity Incentive Plan	1,441,328 shares(2)	\$13.498	\$19,455,045.34	\$1,959.12
• Employee Stock Purchase Plan	360,332 shares(3)	\$13.498	\$4,863,761.34	\$489.78
<b>Total</b>	1,801,660 shares		\$24,318,806.68	\$2,448.90

- (1) Pursuant to Rule 416 of the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement also covers such additional and indeterminate number of securities as may become issuable pursuant to the provisions of the plans, relating to adjustments for changes resulting from a stock dividend, stock split or similar change.
- (2) Consists of 1,441,328 additional shares of common stock, par value \$0.00001 per share (the "Common Stock"), of CytomX Therapeutics, Inc., a Delaware corporation (the "Registrant"), available for issuance as a result of the annual evergreen increase for 2016 pursuant to the CytomX Therapeutics, Inc. 2015 Equity Incentive Plan (the "2015 Plan").
- (3) Consists of 360,332 shares of Common Stock of the Registrant available for issuance as a result of the annual evergreen increase for 2016 pursuant to the CytomX Therapeutics, Inc. Employee Stock Purchase Plan (the "ESPP").
- (4) Estimated in accordance with Rule 457(h) under the Securities Act solely for the purpose of calculating the registration fee. The price of \$13.498 per share represents the average of the high and low prices of the Common Stock on March 1, 2016, as quoted on The NASDAQ Global Select Market.

## EXPLANATORY NOTE

### Registration of Additional Securities

#### **2015 Equity Incentive Plan**

The 2015 Plan initially reserved 2,444,735 shares of Common Stock for issuance when it was originally adopted and approved by the Registrant's Board of Directors and stockholders. The evergreen provision of the 2015 Plan provides that the total number of shares reserved for issuance under the 2015 Plan will be increased on the first day of each calendar year in an amount equal to 4% of the outstanding shares of common stock on such date or such lesser amount as approved by the Compensation Committee of the Registrant's Board of Directors. The Registrant initially registered 2,444,735 shares of Common Stock reserved for issuance under the 2015 Plan on a registration statement on Form S-8 (Registration No. 333-207694) filed with the Securities and Exchange Commission on October 30, 2015 (the "Original Registration Statement"). The Registrant is filing this Registration Statement on Form S-8 to register an additional 1,441,328 shares of Common Stock or 4% of the outstanding shares of Common Stock as of January 1, 2016 under the 2015 Plan as a result of the evergreen increase for 2016.

#### **Employee Stock Purchase Plan**

The ESPP initially reserved 354,466 shares of Common Stock for issuance when it was originally adopted and approved by the Registrant's Board of Directors and stockholders. The evergreen provision of the ESPP provides that the total number of shares reserved for issuance under the ESPP will be increased on the first day of each calendar year in an amount equal to the lesser of (i) 675,000 shares, (ii) 1% of the then outstanding shares of Common Stock on such date, or (iii) an amount determined by the Compensation Committee of the Registrant's Board of Directors. The Registrant initially registered 354,466 shares of Common Stock reserved for issuance under the ESPP on the Original Registration Statement. The Registrant is filing this Registration Statement on Form S-8 to register an additional 360,332 shares of Common Stock or 1% of the outstanding shares of Common Stock as of January 1, 2016 under the ESPP as a result of the evergreen increase for 2016.

In accordance with Instruction E of Form S-8, the contents of the Original Registration Statement are hereby incorporated by reference in this Registration Statement on Form S-8; except for Items 3 and 8, which are being updated by this Registration Statement.

**PART II**  
**INFORMATION REQUIRED IN THE REGISTRATION STATEMENT**

**Item 3. Incorporation of Documents By Reference.**

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

(1) the Registrant's annual report on Form 10-K for the fiscal year ended December 31, 2015, filed with the Commission on March 7, 2016;

(2) the Registrant's current reports on Form 8-K, filed with the Commission on January 20, 2016 and March 7, 2016 (Item 5.02 only), respectively; and

(3) the description of the Registrant's Common Stock contained in the Registrant's Registration Statement on Form 8-A filed with the Commission on October 6, 2015, pursuant to Section 12(b) of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), including any amendment or report for the purpose of updating such description.

All documents subsequently filed by the Registrant with the Commission pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act, after the date of this Registration Statement and prior to the filing of a post-effective amendment to this Registration Statement 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 respective dates of filing of such documents (such documents, and the documents enumerated above, being hereinafter referred to as "Incorporated Documents").

Any statement contained in an Incorporated Document shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein or in any other subsequently filed Incorporated Document modifies or supersedes such statement. Any such statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement.

**Item 8. Exhibits.**

The Exhibits accompanying this Registration Statement are listed on the accompanying Exhibit Index.

## SIGNATURES

Pursuant to the requirements of the Securities Act, 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 South San Francisco, State of California, on this March 7, 2016.

### CYTOMX THERAPEUTICS, INC.

By: /s/ Sean A. McCarthy  
Name: Sean A. McCarthy, D. Phil.  
Title: President and Chief Executive Officer (Principal Executive Officer)

## POWER OF ATTORNEY

Each of the undersigned officers and directors of CytomX Therapeutics, Inc. (the "Company"), severally constitute and appoint Sean A. McCarthy and Robert C. Goeltz II, and each of them singly, his or her true and lawful attorneys, with full power to them, and to each of them singly, to sign for him or her and in his or her name in the capacities indicated below, this Registration Statement, and any and all post-effective amendments to this Registration Statement, and to file or cause to be filed the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys, 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 connection therewith, as fully to all intents and purposes as he or she might or could do in person, and hereby ratifying and confirming all that said attorneys, and each of them, or their substitute or substitutes, shall do or cause to be done by virtue of this Power of Attorney. This Power of Attorney does not revoke any power of attorney previously granted by the undersigned, or any of them.

Pursuant to the requirements of the Securities Act, this Registration Statement has been signed below by the following persons in the capacities and on the date indicated below.

<u>SIGNATURES</u>	<u>CAPACITY</u>	<u>DATE</u>
<u>/s/ Sean A. McCarthy</u> Sean A. McCarthy, D. Phil.	President, Chief Executive Officer and Director ( <i>principal executive officer</i> )	March 7, 2016
<u>/s/ Robert C. Goeltz II</u> Robert C. Goeltz II	Chief Financial Officer ( <i>principal financial officer and principal accounting officer</i> )	March 7, 2016
<u>/s/ Hoyoung Huh</u> Hoyoung Huh, M.D., Ph.D.	Chairman of the Board	March 7, 2016
<u>/s/ Neil Exter</u> Neil Exter	Director	March 7, 2016
<u>/s/ Frederick W. Gluck</u> Frederick W. Gluck	Director	March 7, 2016
<u>/s/ Elaine V. Jones</u> Elaine V. Jones, Ph.D.	Director	March 7, 2016
<u>/s/ Timothy M. Shannon</u> Timothy M. Shannon, M.D.	Director	March 7, 2016
<u>/s/ Matthew P. Young</u> Matthew P. Young	Director	March 7, 2016

## EXHIBIT INDEX

EXHIBIT NUMBER	DESCRIPTION
4.1	Amended and Restated Certificate of Incorporation of CytomX Therapeutics, Inc. (incorporated by reference to Exhibit 3.1 of the Registrant's Current Report on Form 8-K, filed with the Commission on October 19, 2015).
4.2	Amended and Restated Bylaws of CytomX Therapeutics, Inc. (incorporated by reference to Exhibit 3.2 of the Registrant's Current Report on Form 8-K, filed with the Commission on October 19, 2015).
4.3	CytomX Therapeutics, Inc. 2015 Equity Incentive Plan (incorporated by reference to Exhibit 10.5 to Amendment Number 5 to the Registrant's Registration Statement on Form S-1 (No. 333-206658), filed with the Commission on October 6, 2015).
4.4	CytomX Therapeutics, Inc. Employee Stock Purchase Plan (incorporated by reference to Exhibit 10.6 to Amendment Number 3 to the Registrant's Registration Statement on Form S-1 (No. 333-206658), filed with the Commission on September 28, 2015).
*5.1	Opinion of Sidley Austin LLP with respect to validity of issuance of securities.
*23.1	Consent of Independent Registered Accounting Firm.
*23.2	Consent of Sidley Austin LLP (included in Exhibit 5.1).
*24.1	Power of Attorney (included on the signature page of the Registration Statement).

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\* Each document marked with an asterisk is filed herewith.



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SHANGHAI SINGAPORE  
 SYDNEY  
 TOKYO  
 WASHINGTON, D.C.

FOUNDED 1866

March 7, 2016

CytomX Therapeutics, Inc.  
 343 Oyster Point Blvd.  
 Suite 100  
 South San Francisco, CA 94080

Re: Registration Statement on Form S-8 of CytomX Therapeutics, Inc.  
Registering 1,801,660 Shares of Common Stock, par value \$0.00001 per share

Ladies and Gentlemen:

We refer to the Registration Statement on Form S-8 (the "Registration Statement") being filed by CytomX Therapeutics, Inc., a Delaware corporation (the "Company"), with the Securities and Exchange Commission under the Securities Act of 1933, as amended (the "Securities Act"), relating to the registration of an aggregate of 1,801,660 shares of common stock, par value \$0.00001 per share, of the Company (the "Registered Shares") which are issuable under the CytomX Therapeutics, Inc. 2015 Equity Incentive Plan and the CytomX Therapeutics, Inc. Employee Stock Purchase Plan (collectively, the "Plans").

This opinion letter is being delivered in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act.

We have examined the Registration Statement, the Company's amended and restated certificate of incorporation as currently in effect, the Plans, the resolutions adopted by the board of directors of the Company relating to the Registration Statement and the Plans and the resolutions adopted by the stockholders of the Company relating to the Plans. We have also examined originals, or copies of originals certified to our satisfaction, of such agreements, documents, certificates and statements of the Company and other corporate documents and instruments, and have examined such questions of law, as we have considered relevant and necessary as a basis for this opinion letter. We have assumed the authenticity of all documents submitted to us as originals, the genuineness of all signatures, the legal capacity of all persons and the conformity with the original documents of any copies thereof submitted to us for examination. As to facts relevant to the opinions expressed herein, we have relied without independent investigation or verification upon, and assumed the accuracy and completeness of, certificates, letters and oral and written statements and representations of public officials and officers and other representatives of the Company.

Sidley Austin LLP is a limited liability partnership practicing in affiliation with other Sidley Austin partnerships.

March 7, 2016

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Based on the foregoing, we are of the opinion that each Registered Share that is newly issued pursuant to each of the Plans will be validly issued, fully paid and non-assessable when: (i) the Registration Statement, as finally amended, shall have become effective under the Securities Act; (ii) such Registered Share shall have been duly issued and delivered in accordance with the applicable Plan; and (iii) either certificates representing such Registered Share shall have been duly executed, countersigned and registered and duly delivered to the person entitled thereto against payment of the agreed consideration therefor (in an amount not less than the par value thereof), or if any Registered Share is to be issued in uncertificated form, the Company's books shall reflect the issuance of such Registered Share to the person entitled thereto against payment of the agreed consideration therefor (in an amount not less than the par value thereof), all in accordance with the applicable Plan.

This opinion letter is limited to the General Corporation Law of the State of Delaware. We express no opinion as to the laws, rules or regulations of any other jurisdiction, including, without limitation, the federal laws of the United States of America or any state securities or blue sky laws.

We hereby consent to the filing of this opinion letter as an Exhibit to the Registration Statement and to all references to our Firm included in or made a part of the Registration Statement. In giving such consent, we do not thereby admit that we are in the category of persons for whose consent is required under Section 7 of the Securities Act.

Very truly yours,

/s/ Sidley Austin LLP



CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We hereby consent to the incorporation by reference in this Registration Statement on Form S-8 of our report dated March 7, 2016 relating to the financial statements, which appears in CytomX Therapeutics, Inc.'s Annual Report on Form 10-K for the year ended December 31, 2015.

/s/ PricewaterhouseCoopers LLP

San Jose, California

March 7, 2016