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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)

**2834**  
Primary Standard Industrial  
Classification Code Number)

**27-3521219**  
(I.R.S. Employer  
Identification Number)

**151 Oyster Point Blvd.  
Suite 400  
South San Francisco, CA 94080**  
(Address of Principal Executive Offices) (Zip Code)

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**CytomX Therapeutics, Inc. 2015 Equity Incentive Plan  
CytomX Therapeutics, Inc. Employee Stock Purchase Plan  
CytomX Therapeutics, Inc. 2019 Employment Inducement Incentive Plan**  
(Full Title of the Plan)

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**Sean A. McCarthy, D.Phil.**  
**President and Chief Executive Officer**  
**CytomX Therapeutics, Inc.**  
**151 Oyster Point Blvd., Suite 400**  
**South San Francisco, CA 94080**  
**(650) 515-3185**  
(Name and address of agent for service)  
(Telephone number, including area code, of agent for service)

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*Copies to:*  
**Mark V. Roeder, Esq.**  
**Latham & Watkins LLP**  
**140 Scott Drive**  
**Menlo Park, California 94025**  
**(650) 328-4600**

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

Large accelerated filer   
Non-accelerated filer

Accelerated filer   
Smaller reporting company   
Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for comply with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

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**CALCULATION OF REGISTRATION FEE**

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Title of Each Class of Securities to be Registered	Amount to be Registered <sup>(1)</sup>	Proposed Maximum Offering Price Per Share <sup>(2)</sup>	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee
Common Stock, par value \$0.00001 per share	1,820,923 shares <sup>(3)</sup>	\$7.36	\$13,401,993.28	\$1,739.58
Common Stock, par value \$0.00001 per share	455,230 shares <sup>(4)</sup>	\$7.36	\$3,350,492.80	\$434.90
Common Stock, par value \$0.00001 per share	1,815,000 shares <sup>(5)</sup>	\$7.36	\$13,358,400.00	\$1,733.93
<b>Total:</b>	<b>4,091,153 shares</b>	<b>\$7.36</b>	<b>\$30,110,886.08</b>	<b>\$3,908.40</b>

- (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 that become issuable under the CytomX Therapeutics, Inc. 2015 Equity Incentive Plan (the "2015 Plan"), the CytomX Therapeutics, Inc. Employee Stock Purchase Plan (the "ESPP") and the CytomX Therapeutics, Inc. 2019 Employment Inducement Incentive Plan (the "2019 Plan") by reason of any stock dividend, stock split, recapitalization or similar transaction effected without the Registrant's receipt of consideration which would increase the number of outstanding shares of common stock.
- (2) This estimate is made pursuant to Rule 457(c) and Rule 457(h) of the Securities Act solely for purposes of calculating the registration fee. The Proposed Maximum Offering Price Per Share for shares available for future grant is the average of the high and low prices for the registrant's common stock as reported on The Nasdaq Global Select Market on February 26, 2020, which is \$7.36.
- (3) Represents the additional shares of common stock available for future issuance under the 2015 Plan resulting from an annual increase as of January 1, 2020.
- (4) Represents the additional shares of common stock available for future issuance under the ESPP resulting from an annual increase as of January 1, 2020.
- (5) Represents the number of shares of common stock available for issuance under the 2019 Plan.

**Proposed sale to take place as soon after the effective date of the registration statement as awards under the plans are exercised and/or vest.**

## EXPLANATORY NOTE

This Registration Statement on Form S-8 is being filed for the purpose of registering an additional 4,091,153 shares of the Registrant's common stock issuable under the following employee benefit plans for which Registration Statements of the Registrant on Form S-8 (File Nos. 333-207694, 333-209992, 333-215795, 333-223491 and 333-229916) are effective: (i) the CytomX Therapeutics, Inc. 2015 Equity Incentive Plan, as a result of the operation of an automatic annual increase provision therein, which added 1,820,923 shares of common stock, (ii) the CytomX Therapeutics, Inc. Employee Stock Purchase Plan, as a result of the operation of an automatic annual increase provision therein, which added 455,230 shares of common stock and (iii) the CytomX Therapeutics, Inc. 2019 Employment Inducement Incentive Plan, which reserves 1,815,000 shares of common stock for issuance.

### INCORPORATION BY REFERENCE OF CONTENTS OF REGISTRATION STATEMENT ON FORM S-8

Pursuant to Instruction E of Form S-8, the contents of the Registration Statements on Form S-8 filed with the Securities and Exchange Commission on [October 30, 2015](#) (File No. 333-207694), [March 7, 2016](#) (File No. 333-209992), [January 27, 2017](#) (File No. 333-215795), [March 7, 2018](#) (File No. 333-223491) and [February 27, 2019](#) (File No. 333-229916) are incorporated by reference herein; except for Item 8 which is being updated by this Registration Statement.

#### Item 8. Exhibits

Exhibit Number	Exhibit Description	Incorporated by Reference			Filed Herewith
		Form	Date	Number	
4.1	<a href="#">Amended and Restated Certificate of Incorporation.</a>	8-K	10/19/2015	3.1	
4.2	<a href="#">Amended and Restated Bylaws.</a>	8-K	10/19/2015	3.2	
4.3	<a href="#">Form of Common Stock Certificate.</a>	S-1/A	9/28/2015	4.1	
4.4	<a href="#">Registration Rights Agreement dated as of September 29, 2017 by and between CytomX Therapeutics, Inc. and Amgen, Inc.</a>	10-Q	11/7/2017	4.4	
5.1	<a href="#">Opinion of Latham &amp; Watkins LLP.</a>				X
23.1	<a href="#">Consent of independent registered public accounting firm.</a>				X
23.3	<a href="#">Consent of Latham &amp; Watkins LLP (included in Exhibit 5.1).</a>				X
24.1	<a href="#">Power of Attorney. Reference is made to the signature page to the Registration Statement.</a>				X
99.1(a)#	<a href="#">CytomX Therapeutics, Inc. 2015 Equity Incentive Plan.</a>	S-1/A	10/6/2015	10.5	
99.1(b)#	<a href="#">Form of Option Award Notice under the CytomX Therapeutics, Inc. 2015 Equity Incentive Plan.</a>	10-Q	11/23/2015	10.4	
99.1(c)#	<a href="#">Form of Early Exercise Option Award Notice under the CytomX Therapeutics, Inc. 2015 Equity Incentive Plan.</a>	10-Q	11/23/2015	10.5	
99.2#	<a href="#">CytomX Therapeutics, Inc. Employee Stock Purchase Plan</a>	S-1/A	9/28/2015	10.6	
99.3(a)#	<a href="#">CytomX Therapeutics, Inc. 2019 Employment Inducement Incentive Plan.</a>	10-Q	11/7/2019	10.1	
99.3(b)#	<a href="#">Form of Stock Option Agreement under the CytomX Therapeutics, Inc. 2019 Employment Inducement Incentive Plan.</a>	10-Q	11/7/2019	10.2	

# Indicates management contract or compensatory plan.

## 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 South San Francisco, California, on this 27<sup>th</sup> day of February, 2020.

### CytomX Therapeutics, Inc.

By: /s/ Sean A. McCarthy

Sean A. McCarthy, D.Phil.

President and Chief Executive Officer

## POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below does hereby constitute and appoint Sean A. McCarthy and Lloyd A. Rowland, and each of them, with full power of substitution and full power to act without the other, his or her true and lawful attorney-in-fact and agent to act for him or her in his or her name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this registration statement, and to file this registration statement, with all 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 order to effectuate the same as fully, to all intents and purposes, as they or he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, or any of them, 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 date indicated.

<u>Signature</u>	<u>Title</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 and Principal Financial Officer)</i>	February 27, 2020
<u>/s/ Robin Knifsend</u> Robin Knifsend	Vice President of Finance <i>(Principal Accounting Officer)</i>	February 27, 2020
<u>/s/ Matthew P. Young</u> Matthew P. Young	Director	February 27, 2020
<u>/s/ Charles S. Fuchs</u> Charles S. Fuchs, M.D., M.P.H.	Director	February 27, 2020
<u>/s/ Frederick W. Gluck</u> Frederick W. Gluck	Director	February 27, 2020
<u>/s/ John A. Scarlett</u> John A. Scarlett, M.D.	Director	February 27, 2020
<u>/s/ James R. Meyers</u> James R. Meyers	Director	February 27, 2020
<u>/s/ Elaine V. Jones</u> Elaine V. Jones, Ph.D.	Director	February 27, 2020

140 Scott Drive  
 Menlo Park, California 94025  
 Tel: +1.650.328.4600 Fax: +1.650.463.2600  
 www.lw.com

## FIRM / AFFILIATE OFFICES

Beijing	Moscow
Boston	Munich
Brussels	New York
Century City	Orange County
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Dubai	Riyadh
Düsseldorf	San Diego
Frankfurt	San Francisco
Hamburg	Seoul
Hong Kong	Shanghai
Houston	Silicon Valley
London	Singapore
Los Angeles	Tokyo
Madrid	Washington, D.C.
Milan	

February 27, 2020

CytomX Therapeutics, Inc.  
 151 Oyster Point Blvd., Suite 400  
 South San Francisco, CA 94080

Re: Registration Statement on Form S-8; 4,091,153 shares of Common Stock of CytomX Therapeutics, Inc., par value \$0.00001 per share

Ladies and Gentlemen:

We have acted as special counsel to CytomX Therapeutics, Inc., a Delaware corporation (the “**Company**”), in connection with the registration by the Company of an aggregate of 4,091,153 shares of common stock of the Company, par value \$0.00001 per share (the “**Common Stock**”), consisting of 1,820,923 shares of Common Stock (the “**2015 Plan Shares**”) issuable under the CytomX Therapeutics, Inc. 2015 Equity Incentive Plan (the “**2015 Plan**”), 455,230 shares of Common Stock (the “**ESPP Shares**”) issuable under the CytomX Therapeutics, Inc. Employee Stock Purchase Plan (the “**ESPP**”) and 1,815,000 shares of Common Stock (the “**2019 Plan Shares**”) and together with the 2015 Plan Shares and the ESPP Shares, the “**Shares**”) issuable under the CytomX Therapeutics, Inc. 2019 Employment Inducement Incentive Plan (the “**2019 Plan**”) and together with the 2015 Plan and the ESPP, the “**Plans**”).

The Shares are included in a registration statement on Form S-8 under the Securities Act of 1933, as amended (the “**Act**”), filed with the Securities and Exchange Commission (the “**Commission**”) on February 27, 2020 (the “**Registration Statement**”). This opinion is being furnished in connection with the requirements of Item 601(b)(5) of Regulation S-K under the Act, and no opinion is expressed herein as to any matter pertaining to the contents of the Registration Statement or the related prospectuses, other than as expressly stated herein with respect to the issue of the Shares.

As such counsel, we have examined such matters of fact and questions of law as we have considered appropriate for purposes of this letter. With your consent, we have relied upon certificates and other assurances of officers of the Company and others as to factual matters without having independently verified such factual matters. We are opining herein as to the General Corporation Law of the State of Delaware (the “**DGCL**”), and we express no opinion with respect to any other laws.

Subject to the foregoing and the other matters set forth herein, it is our opinion that, as of the date hereof, when the Shares shall have been duly registered on the books of the transfer agent and registrar therefor in the name or on behalf of the purchasers and have been issued by the Company against payment therefor in the circumstances contemplated by the Plans, assuming in each case that the individual issuances, grants or awards under the Plans are duly authorized by all necessary corporate action and duly issued, granted or awarded and exercised in accordance with the requirements of law and the Plans (and the agreements and awards duly adopted thereunder and in accordance therewith), the issuance and sale of the Shares will have been duly authorized by all necessary corporate action of the Company, and the Shares will be validly issued, fully paid and nonassessable. In rendering the foregoing opinion, we have assumed that the Company will comply with all applicable notice requirements regarding uncertificated shares provided in the DGCL.

This opinion is for your benefit in connection with the Registration Statement and may be relied upon by you and by persons entitled to rely upon it pursuant to the applicable provisions of the Act. We consent to your filing this opinion as an exhibit to the Registration Statement. In giving such consent, we do not thereby admit that we are in the category of persons whose consent is required under Section 7 of the Act or the rules and regulations of the Commission thereunder.

Very truly yours,

/s/ Latham & Watkins LLP

**CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM**

We consent to the incorporation by reference in the Registration Statement (Form S-8) pertaining to the CytomX Therapeutics, Inc. 2015 Equity Incentive Plan, the CytomX Therapeutics, Inc. Employee Stock Purchase Plan and the CytomX Therapeutics, Inc. 2019 Employment Inducement Incentive Plan of our reports dated February 27, 2020, with respect to the financial statements of CytomX Therapeutics, Inc. and the effectiveness of internal control over financial reporting of CytomX Therapeutics, Inc. included in its Annual Report (Form 10-K) for the year ended December 31, 2019, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

Redwood City, California  
February 27, 2020