SEATTLE GENETICS INC /WA Form SC 13D/A December 17, 2014

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

SCHEDULE 13D

Under the Securities Exchange Act of 1934

(Amendment No. 13)

Seattle Genetics, Inc.

(Name of Issuer)

Common Stock, par value \$0.001 per share

(Title of Class of Securities)

812578102

(CUSIP Number)

Alexandra A. Toohey

Chief Financial Officer

Baker Bros. Advisors LP 667 Madison Avenue, 21st Floor New York, NY 10065 (212) 339-5690 (Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

December 16, 2014

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box.

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 (the "Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

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PERSON WITH

NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF **ABOVE PERSONS** 1 Baker Bros. Advisors LP 13-4093645 CHECK THE **APPROPRIATE** (a) " BOX IF A 2 MEMBER OF A **(b)** " GROUP (See Instructions) 3 SEC USE ONLY SOURCE OF FUNDS (See Instructions) 4 OO **CHECK BOX IF** DISCLOSURE OF LEGAL PROCEEDINGS IS.. 5 **REQUIRED PURSUANT TO** ITEMS 2(d) OR 2(e) CITIZENSHIP OR PLACE OF ORGANIZATION 6 Delaware **SOLE VOTING** 7 **POWER** 27,969,470 (1) **SHARED VOTING NUMBER OF** 8 **POWER SHARES BENEFICIALLY OWNED BY** 0 **EACH** REPORTING

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SOLE

DISPOSITIVE

9 POWER

27,969,470 (1) SHARED DISPOSITIVE POWER

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

10

27,969,470 (1)

CHECK BOX IF THE

AGGREGATE

12 AMOUNT IN ROW

11

13

(11) EXCLUDES CERTAIN SHARES (See Instructions)

PERCENT OF CLASS REPRESENTED BY

AMOUNT IN ROW (11)

22.6%(2)

TYPE OF REPORTING

PERSON (See Instructions)

IA, PN

- (1) Includes 111,250 shares of the Issuer's common stock underlying 111,250 options directly held, 10,000 common shares directly held, received as a result of the exercise of options to purchase common stock of the Issuer, and 3,500 shares of common stock directly held, received as a result of the vesting of restricted stock.
- (2) Based on 123,891,580 shares of the Issuer's common stock outstanding as of November 4, 2014, as reported in the Issuer's 10-Q filed with the SEC on November 7, 2014.

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WITH

CUSIP No. <u>812578102</u> Page <u>2</u> of <u>12</u> Pages NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF **ABOVE PERSONS** 1 Baker Bros. Advisors (GP) LLC 46-3147749 **CHECK THE APPROPRIATE** (a) " **BOX IF A** 2 MEMBER OF A **(b)** " GROUP (See Instructions) 3 SEC USE ONLY SOURCE OF FUNDS (See Instructions) 4 OO **CHECK BOX IF** DISCLOSURE OF LEGAL PROCEEDINGS IS.. 5 **REQUIRED PURSUANT TO** ITEMS 2(d) OR 2(e) CITIZENSHIP OR PLACE **OF ORGANIZATION** 6 Delaware **SOLE VOTING** 7 **POWER NUMBER OF** 27,969,470 (1) **SHARES** 8 **SHARED VOTING BENEFICIALLY OWNED BY POWER EACH** REPORTING **PERSON**

0

SOLE

DISPOSITIVE

9 POWER

27,969,470 (1) SHARED DISPOSITIVE

10 POWER

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING

11 PERSON

27,969,470 (1)

CHECK BOX IF THE

AGGREGATE

12 AMOUNT IN ROW

(11) EXCLUDES CERTAIN SHARES

(See Instructions)

PERCENT OF CLASS

REPRESENTED BY

13 AMOUNT IN ROW (11)

22.6%(2)

TYPE OF REPORTING

PERSON (See Instructions)

HC, OO

- (1) Includes 111,250 shares of the Issuer's common stock underlying 111,250 options directly held, 10,000 common shares directly held, received as a result of the exercise of options to purchase common stock of the Issuer, and 3,500 shares of common stock directly held, received as a result of the vesting of restricted stock.
- (2) Based on 123,891,580 shares of the Issuer's common stock outstanding as of November 4, 2014, as reported in the Issuer's 10-Q filed with the SEC on November 7, 2014.

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WITH

NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF 1 **ABOVE PERSONS** Julian C. Baker **CHECK THE APPROPRIATE** (a) " BOX IF A 2 MEMBER OF A **(b)** " GROUP (See Instructions) SEC USE ONLY 3 SOURCE OF FUNDS (See Instructions) 4 OO CHECK BOX IF DISCLOSURE OF **LEGAL** PROCEEDINGS IS.. 5 **REQUIRED PURSUANT TO** ITEMS 2(d) OR 2(e) CITIZENSHIP OR PLACE **OF ORGANIZATION** 6 **United States SOLE VOTING** 7 **POWER NUMBER OF** 28,107,895 (1) **SHARES SHARED BENEFICIALLY VOTING OWNED BY** 8 **POWER EACH** REPORTING 0 9 **PERSON SOLE**

DISPOSITIVE

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POWER

28,107,895 (1) SHARED DISPOSITIVE **10** POWER

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING

11 PERSON

28,107,895 (1)

CHECK BOX IF THE

AGGREGATE

AMOUNT IN ROW

(11) EXCLUDES CERTAIN SHARES (See Instructions)

PERCENT OF CLASS

REPRESENTED BY

13 AMOUNT IN ROW (11)

22.7%(2)

TYPE OF REPORTING

PERSON (See Instructions)

IN, HC

- (1) Includes 111,250 shares of the Issuer's common stock underlying 111,250 options directly held, 10,000 common shares directly held, received as a result of the exercise of options to purchase common stock of the Issuer, and 3,500 shares of common stock directly held, received as a result of the vesting of restricted stock.
- (2) Based on 123,891,580 shares of the Issuer's common stock outstanding as of November 4, 2014, as reported in the Issuer's 10-Q filed with the SEC on November 7, 2014.

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1	ABOVE PER	R.S. TION NOS. OF SONS
2	CHECK THE APPROPRIA' BOX IF A MEMBER OF GROUP (See Instructions) SEC USE ON	(a) " F A (b) "
3	SOURCE OF	
4	Instructions)	runds (see
5 6	OO CHECK BOX DISCLOSUR LEGAL PROCEEDIN REQUIRED PURSUANT ITEMS 2(d) C 2(e) CITIZENSHII OF ORGANIZ United States	E OF GS IS TO DR P OR PLACE
NUMBER OF SHARES BENEFICIAL OWNED BY EACH		28,107,902 (1) SHARED VOTING POWER
REPORTING PERSON WITH	9	0 SOLE DISPOSITIVE

POWER

28,107,902 (1) SHARED DISPOSITIVE **10** POWER

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING

11 PERSON

28,107,902 (1)

CHECK BOX IF THE

AGGREGATE

AMOUNT IN ROW
(11) EXCLUDES

CERTAIN SHARES
(See Instructions)

PERCENT OF CLASS REPRESENTED BY

13 AMOUNT IN ROW (11)

22.7% (2)

TYPE OF REPORTING

PERSON (See Instructions)

IN, HC

- (1) Includes 111,250 shares of the Issuer's common stock underlying 111,250 options directly held, 10,000 common shares directly held, received as a result of the exercise of options to purchase common stock of the Issuer, and 3,500 shares of common stock directly held, received as a result of the vesting of restricted stock.
- (2) Based on 123,891,580 shares of the Issuer's common stock outstanding as of November 4, 2014, as reported in the Issuer's 10-Q filed with the SEC on November 7, 2014.

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NAMES OF REPORTING

PERSONS I.R.S.

IDENTIFICATION NOS. OF **ABOVE PERSONS** 1 FBB2, LLC 45-5474130 **CHECK THE APPROPRIATE** (a) " BOX IF A 2 MEMBER OF A **(b)** " GROUP (See Instructions) 3 SEC USE ONLY SOURCE OF FUNDS (See Instructions) 4 OO **CHECK BOX IF** DISCLOSURE OF **LEGAL** PROCEEDINGS IS.. 5 **REQUIRED PURSUANT TO** ITEMS 2(d) OR 2(e) CITIZENSHIP OR PLACE OF ORGANIZATION 6 Delaware **SOLE VOTING** 7 **POWER** 18,243 **SHARED VOTING NUMBER OF** 8 **POWER SHARES BENEFICIALLY OWNED BY** 0 **EACH** REPORTING **PERSON WITH**

SOLE

DISPOSITIVE

9 POWER

18,243 SHARED DISPOSITIVE

10 POWER

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING

11 PERSON

18,243

CHECK BOX IF THE

AGGREGATE

12 AMOUNT IN ROW

(11) EXCLUDES CERTAIN SHARES (See Instructions)

PERCENT OF CLASS REPRESENTED BY

13 AMOUNT IN ROW (11)

(1)

TYPE OF REPORTING

PERSON (See Instructions)

OO

(1) The percentage of ownership is less than 0.1%.

(2) Based on 123,891,580 shares of the Issuer's common stock outstanding as of November 4, 2014, as reported in the Issuer's 10-Q filed with the SEC on November 7, 2014.

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NAMES OF REPORTING

PERSONS I.R.S. IDENTIFICATION NOS. OF **ABOVE PERSONS** 1 FBB3 LLC 47-2301662 **CHECK THE APPROPRIATE** (a) " **BOX IF A** 2 MEMBER OF A **(b)** " GROUP (See Instructions) 3 SEC USE ONLY SOURCE OF FUNDS (See Instructions) 4 OO **CHECK BOX IF** DISCLOSURE OF **LEGAL** PROCEEDINGS IS.. 5 **REQUIRED PURSUANT TO** ITEMS 2(d) OR 2(e) CITIZENSHIP OR PLACE OF ORGANIZATION 6 Delaware **SOLE VOTING** 7 **POWER** 12,678 **SHARED NUMBER OF VOTING** 8 **POWER SHARES BENEFICIALLY OWNED BY** 0 **EACH** REPORTING **PERSON**

WITH

SOLE

DISPOSITIVE

9 POWER

12,678 SHARED DISPOSITIVE POWER

0

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING

10

11 PERSON

12,678

CHECK BOX IF THE

AGGREGATE

12 AMOUNT IN ROW

(11) EXCLUDES

CERTAIN SHARES

(See Instructions)

PERCENT OF CLASS

REPRESENTED BY

13 AMOUNT IN ROW (11)

(1)

TYPE OF REPORTING

PERSON (See Instructions)

OO

(1) The percentage of ownership is less than 0.1%.

(2) Based on 123,891,580 shares of the Issuer's common stock outstanding as of November 4, 2014, as reported in the Issuer's 10-Q filed with the SEC on November 7, 2014.

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Amendment No. 13 to Schedule 13D

This Amendment No. 13 to Schedule 13D amends and supplements the statements on the previously filed Schedules 13D filed by Baker Bros. Advisors LP (the "Adviser"), Baker Bros. Advisors (GP) LLC (the "Adviser GP"), Julian C. Baker, Felix J. Baker, FBB2, LLC ("FBB2") and FBB3 LLC ("FBB3"). Except as supplemented herein, such statements, as heretofore amended and supplemented, remain in full force and effect.

The Adviser GP is the sole general partner of the Adviser. Pursuant to management agreements as amended, among the Adviser, Baker Brothers Life Sciences, L.P. ("Life Sciences"), 14159, L.P. ("14159"), and 667, L.P. ("667", and together with Life Sciences and 14159, the "Funds"), and their respective general partners, the Adviser has complete and unlimited discretion and authority with respect to the Funds' investments and voting power over investments.

Item 3. Source and Amount of Funds or Other Consideration.

The disclosure in Item 4 below is incorporated herein by reference.

Item 4. Purpose of the Transaction.

Item 4 of Schedule 13D is supplemented and amended, as the case may be, as follows:

The Funds hold securities of the Issuer for investment purposes. The Reporting Persons or their affiliates may purchase additional securities or dispose of securities in varying amounts and at varying times depending upon the Reporting Persons' continuing assessments of pertinent factors, including the availability of shares of common stock or other securities for purchase at particular price levels, the business prospects of the Issuer, other business investment opportunities, economic conditions, stock market conditions, money market conditions, the attitudes and actions of the board of directors and management of the Issuer, the availability and nature of opportunities to dispose of shares in the Issuer and other plans and requirements of the particular entities. The Reporting Persons may discuss items of mutual interest with the Issuer, which could include items in subparagraphs (a) through (j) of Schedule 13D.

Depending upon their assessments of the above factors, the Reporting Persons or their affiliates may change their present intentions as stated above and they may assess whether to make suggestions to the management of the Issuer

regarding financing, and whether to acquire additional securities of the Issuer, including shares of common stock (by means of open market purchases, privately negotiated purchases, exercise of some or all of the Stock Options (as defined below), or otherwise) or to dispose of some or all of the securities of the Issuer, including shares of common stock, under their control.

Except as otherwise disclosed herein, at the present time, the Reporting Persons do not have any plans or proposals with respect to any extraordinary corporate transaction involving the Issuer including, without limitation, those matters described in subparagraphs (a) through (j) of Item 4 of Schedule 13D.

Item 5. Interest in Securities of the Issuer.

(a) and (b) Items 7 through 11 and 13 of each of the cover pages of this Amendment No. 13 are incorporated herein by reference. Set forth below is the aggregate number and percentage of shares of common stock directly held, as of the date hereof, by each of the following based upon 123,891,580 shares outstanding as of November 4, 2014, as reported in the Issuer's 10-Q filed with the SEC on November 7, 2014. Such percentage figures were calculated in accordance with Rule 13d-3 under the Securities Exchange Act of 1934 (the "Exchange Act").

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Reporting Person	Number of Shares	Percentage of Class Outstanding		
667, L.P.	3,868,576	3.1	%	
Baker Brothers Life Sciences, L.P.	23,976,144	19.3	%	

The Adviser GP, Felix J. Baker and Julian C. Baker as principals of the Adviser GP, and the Adviser may be deemed to be beneficial owners of securities of the Issuer directly held by the Funds, and may be deemed to have the power to vote or direct the vote of and the power to dispose or direct the disposition of such securities.

The Reporting Persons disclaim beneficial ownership of the securities held by each of the Funds, and this Amendment No. 13 shall not be deemed an admission that the Reporting Persons are the beneficial owners of such securities for purposes of Section 13(d) or for any other purpose.

Julian C. Baker and Felix J. Baker are also the sole managers of FBB2 and FBB3 and as such may be deemed to be beneficial owners of shares owned by FBB2 and FBB3 and may be deemed to have the power to vote or direct the vote and dispose or direct the disposition of those shares.

Felix J. Baker is a Director of the Issuer. In connection with his service on the Issuer's Board, Felix J. Baker holds options to purchase common stock of the Issuer ("Stock Options"), Common stock and restricted stock units payable solely in common shares of the Issuer ("Restricted Stock") as disclosed in previous amendments to this Schedule 13D.

Felix J. Baker serves on the Issuer's Board as a representative of the Funds. The policy of the Funds and the Adviser does not permit employees of the Adviser to receive compensation for serving as a director of the Issuer. Therefore, Felix J. Baker has no pecuniary interest in the Stock Options, Common Stock or Restricted Stock. The Funds are instead entitled to the pecuniary interest in the Stock Options, Common Stock and Restricted Stock.

Baker Bros. Advisors LP has voting and investment power over the Stock Options, Restricted Stock and common stock underlying such Stock Options and Common Stock held by Felix Baker. The Adviser GP, and Felix J. Baker and Julian C. Baker as principals of the Adviser GP, may be deemed to have the power to vote or direct the vote of and the power to dispose or direct the disposition of the Stock Options, Common Stock and Restricted Stock of the Issuer and common stock underlying such Stock Options held by Felix J. Baker.

(c) The information set forth in Item 4 is hereby incorporated by reference into this Item

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5. The following transactions in the Issuer's Common Stock were effected by the Funds noted below during the five days preceding the filing of this statement using working capital of the applicable purchasing Fund. The transactions in common stock effected the sixth to sixtieth days are disclosed on the previous amendments to Schedule 13D filed on November 12, 2014 and December 11, 2014. All purchase transactions were effected in the open market directly with a broker-dealer. Except as disclosed herein or in any previous amendments to this Amendment No. 13, none of the Reporting Persons or their affiliates has effected any other transactions in securities of the Issuer during the past 60 days.

Name	Date	Number of Shares	Transaction	Price/ Share	Footnotes
Baker Brothers Life Sciences, L.P.	12/15/2014	70,867	Purchase	31.4144	1
Baker Brothers Life Sciences, L.P.	12/15/2014	305,532	Purchase	31.6838	2
Baker Brothers Life Sciences, L.P.	12/15/2014	597,000	Purchase	31.7498	3
Baker Brothers Life Sciences, L.P.	12/16/2014	1,855,894	Purchase	31.9397	4
Baker Brothers Life Sciences, L.P.	12/16/2014	49,685	Purchase	31.8224	5
Baker Brothers Life Sciences, L.P.	12/16/2014	500	Purchase	30.8000	
Baker Brothers Life Sciences, L.P.	12/16/2014	3,900	Purchase	31.9690	6

- (1) The reported price is a weighted average price. These shares were traded in multiple transactions at a prices ranging from \$31.31 to \$31.85. The Reporting Persons undertake to provide the staff of the Securities and Exchange Commission (the "Staff"), upon request, full information regarding the number of shares traded at each separate price within the ranges set forth in this footnote.
- (2) The reported price is a weighted average price. These shares were traded in multiple transactions at prices ranging from \$31.14 to \$32.10. The Reporting Persons undertake to provide the Staff, upon request, full information regarding the number of shares traded at each separate price within the ranges set forth in this footnote.
- (3) The reported price is a weighted average price. These shares were traded in multiple transactions at prices ranging from \$31.69 to \$31.75. The Reporting Persons undertake to provide the Staff, upon request, full information regarding the number of shares traded at each separate price within the ranges set forth in this footnote.
- (4) The reported price is a weighted average price. These shares were traded in multiple transactions at prices ranging from \$31.22 to \$32.13. The Reporting Persons undertake to provide the Staff, upon request, full information regarding the number of shares traded at each separate price within the ranges set forth in this footnote.
- (5) The reported price is a weighted average price. These shares were traded in multiple transactions at prices ranging from \$31.79 to \$31.86. The Reporting Persons undertake to provide the Staff, upon request, full information regarding

the number of shares traded at each separate price within the ranges set forth in this footnote.

- (6) The reported price is a weighted average price. These shares were traded in multiple transactions at prices ranging from \$31.89 to \$32.20. The Reporting Persons undertake to provide the Staff, upon request, full information regarding the number of shares traded at each separate price within the ranges set forth in this footnote.
- (d) Certain securities of the Issuer are held directly by 667, a limited partnership the sole general partner of which is Baker Biotech Capital, L.P., a limited partnership the sole general partner of which is Baker Biotech Capital (GP), LLC. Julian C. Baker and Felix J. Baker are the controlling members of Baker Biotech Capital (GP), LLC.

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Certain securities of the Issuer are held directly by Life Sciences, a limited partnership the sole general partner of
which is Baker Brothers Life Sciences Capital, L.P., a limited partnership the sole general partner of which is Baker
Brothers Life Sciences Capital (GP), LLC. Julian C. Baker and Felix J. Baker are the controlling members of Baker
Brothers Life Sciences Capital (GP), LLC.

(e) Not applicable.

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SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

December 17, 2014

BAKER BROS. ADVISORS LP

By: Baker Bros. Advisors (GP) LLC, its general partner

By:/s/ Scott L. Lessing Name: Scott L. Lessing Title: President

BAKER BROS. ADVISORS (GP) LLC

By:/s/ Scott L. Lessing
Name: Scott L. Lessing
Title: President

/s/ Julian C. Baker Julian C. Baker

/s/ Felix J. Baker Felix J. Baker

FBB2, LLC By:/s/ Julian C. Baker Name: Julian C. Baker Title: Manager

FBB3 LLC

By:/s/ Julian C. Baker Name: Julian C. Baker

Title: Manager

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