

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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SCHEDULE 13D

CUSIP No. 812578102 Page 2 of 12 Pages

1	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS
	Baker Bros. Advisors LP
	13-4093645
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)
	(a) ..
	(b) ..
3	SEC USE ONLY
4	SOURCE OF FUNDS (See Instructions)
	OO
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS.. REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)
6	CITIZENSHIP OR PLACE OF ORGANIZATION
	Delaware
	SOLE VOTING POWER
7	
	27,969,470 (1)
8	SHARED VOTING POWER
9	0
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200	

SOLE  
DISPOSITIVE  
**9** POWER

27,969,470 (1)  
SHARED  
DISPOSITIVE  
**10** POWER

**11** 0  
AGGREGATE AMOUNT  
BENEFICIALLY OWNED  
BY EACH REPORTING  
PERSON

**12** 27,969,470 (1)  
CHECK BOX IF THE  
AGGREGATE  
AMOUNT IN ROW ..  
(11) EXCLUDES  
CERTAIN SHARES  
(See Instructions)

**13** PERCENT OF CLASS  
REPRESENTED BY  
AMOUNT IN ROW (11)

**14** 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.

SCHEDULE 13D

CUSIP No. 812578102 Page 2 of 12 Pages

1 NAMES OF REPORTING  
PERSONS I.R.S.  
IDENTIFICATION NOS. OF  
ABOVE PERSONS

Baker Bros. Advisors (GP)  
LLC

46-3147749

2 CHECK THE  
APPROPRIATE (a) ..  
BOX IF A

MEMBER OF A (b) ..  
GROUP (See  
Instructions)

3 SEC USE ONLY  
4 SOURCE OF FUNDS (See  
Instructions)

5 OO  
CHECK BOX IF  
DISCLOSURE OF  
LEGAL  
PROCEEDINGS IS..  
REQUIRED  
PURSUANT TO  
ITEMS 2(d) OR  
2(e)

6 CITIZENSHIP OR PLACE  
OF ORGANIZATION

Delaware

7 SOLE  
VOTING  
POWER

8 NUMBER OF  
SHARES 27,969,470 (1)  
BENEFICIALLY SHARED  
OWNED BY VOTING  
EACH POWER  
REPORTING  
PERSON  
WITH

0  
SOLE  
DISPOSITIVE  
**9** POWER

27,969,470 (1)  
SHARED  
DISPOSITIVE  
**10** POWER

**11** 0  
AGGREGATE AMOUNT  
BENEFICIALLY OWNED  
BY EACH REPORTING  
PERSON

**12** 27,969,470 (1)  
CHECK BOX IF THE  
AGGREGATE  
AMOUNT IN ROW ..  
(11) EXCLUDES  
CERTAIN SHARES  
(See Instructions)

**13** PERCENT OF CLASS  
REPRESENTED BY  
AMOUNT IN ROW (11)

**14** 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.

SCHEDULE 13D

CUSIP No. 812578102 Page 2 of 12 Pages

**1** NAMES OF REPORTING  
PERSONS I.R.S.  
IDENTIFICATION NOS. OF  
ABOVE PERSONS

Julian C. Baker

**2** CHECK THE  
APPROPRIATE (a) ..  
BOX IF A  
MEMBER OF A (b) ..  
GROUP (See

Instructions)

**3** SEC USE ONLY  
**4** SOURCE OF FUNDS (See  
Instructions)

**5** OO  
CHECK BOX IF  
DISCLOSURE OF  
LEGAL  
PROCEEDINGS IS..  
REQUIRED  
PURSUANT TO  
ITEMS 2(d) OR  
2(e)  
**6** CITIZENSHIP OR PLACE  
OF ORGANIZATION

United States

**7** SOLE  
VOTING  
POWER

**8** NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

28,107,895 (1)  
SHARED  
VOTING  
POWER

**9** 0  
SOLE  
DISPOSITIVE

POWER

28,107,895 (1)

SHARED

DISPOSITIVE

**10** POWER

0

AGGREGATE AMOUNT  
BENEFICIALLY OWNED  
BY EACH REPORTING  
PERSON

**11**

28,107,895 (1)

CHECK BOX IF THE

AGGREGATE

AMOUNT IN ROW ..

**12**

(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)

**14**

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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CUSIP No. 812578102 Page 3 of 12 Pages

**1** NAMES OF REPORTING  
PERSONS I.R.S.  
IDENTIFICATION NOS. OF  
ABOVE PERSONS

Felix J. Baker  
CHECK THE  
APPROPRIATE (a) ..  
**2** BOX IF A  
MEMBER OF A (b) ..  
GROUP (See

Instructions)  
**3** SEC USE ONLY  
SOURCE OF FUNDS (See  
**4** Instructions)

OO  
CHECK BOX IF  
DISCLOSURE OF  
LEGAL  
**5** PROCEEDINGS IS..  
REQUIRED  
PURSUANT TO  
ITEMS 2(d) OR  
2(e)  
CITIZENSHIP OR PLACE  
**6** OF ORGANIZATION

United States

**7** SOLE  
VOTING  
POWER

**8** NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

28,107,902 (1)  
SHARED  
VOTING  
POWER

**9** 0  
SOLE  
DISPOSITIVE

POWER

28,107,902 (1)

SHARED

DISPOSITIVE

**10** POWER

0

AGGREGATE AMOUNT  
BENEFICIALLY OWNED  
BY EACH REPORTING  
PERSON

**11**

28,107,902 (1)

CHECK BOX IF THE

AGGREGATE

AMOUNT IN ROW ..

**12**

(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)

**14**

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.

SCHEDULE 13D

CUSIP No. 812578102 Page 3 of 12 Pages

1 NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS

FBB2, LLC

45-5474130

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (See Instructions)

(a) ..  
(b) ..

3 SEC USE ONLY SOURCE OF FUNDS (See Instructions)

4  
5 OO CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS.. REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e)

6 CITIZENSHIP OR PLACE OF ORGANIZATION

Delaware

7 SOLE VOTING POWER

8 NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH

18,243 SHARED VOTING POWER

0

SOLE  
DISPOSITIVE  
**9** POWER

18,243  
SHARED  
DISPOSITIVE  
**10** POWER

**11** 0  
AGGREGATE AMOUNT  
BENEFICIALLY OWNED  
BY EACH REPORTING  
PERSON

**12** 18,243  
CHECK BOX IF THE  
AGGREGATE  
AMOUNT IN ROW ..  
(1) EXCLUDES  
CERTAIN SHARES  
(See Instructions)

**13** PERCENT OF CLASS  
REPRESENTED BY  
AMOUNT IN ROW (11)

**14** (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.

SCHEDULE 13D

CUSIP No. 812578102 Page 3 of 12 Pages

1 NAMES OF REPORTING  
PERSONS I.R.S.  
IDENTIFICATION NOS. OF  
ABOVE PERSONS

FBB3 LLC

2 47-2301662  
CHECK THE  
APPROPRIATE (a) ..  
BOX IF A  
MEMBER OF A (b) ..  
GROUP (See  
Instructions)

3 SEC USE ONLY  
4 SOURCE OF FUNDS (See  
Instructions)

5 OO  
CHECK BOX IF  
DISCLOSURE OF  
LEGAL  
PROCEEDINGS IS..  
REQUIRED  
PURSUANT TO  
ITEMS 2(d) OR  
2(e)  
6 CITIZENSHIP OR PLACE  
OF ORGANIZATION

Delaware

7 SOLE  
VOTING  
POWER

8 NUMBER OF  
SHARES  
BENEFICIALLY  
OWNED BY  
EACH  
REPORTING  
PERSON  
WITH

12,678  
SHARED  
VOTING  
POWER  
0

SOLE  
DISPOSITIVE  
**9** POWER

12,678  
SHARED  
DISPOSITIVE  
**10** POWER

**11** 0  
AGGREGATE AMOUNT  
BENEFICIALLY OWNED  
BY EACH REPORTING  
PERSON

**12** 12,678  
CHECK BOX IF THE  
AGGREGATE  
AMOUNT IN ROW ..  
(11) EXCLUDES  
CERTAIN SHARES  
(See Instructions)

**13** PERCENT OF CLASS  
REPRESENTED BY  
AMOUNT IN ROW (11)

**14** (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.

### **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").

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



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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