

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

|   |         |          |   |  |  |  |  |  |
|---|---------|----------|---|--|--|--|--|--|
| 1. Name and Address of Reporting Person*<br><b>SIEGALL CLAY B</b> |         |          | 2. Issuer Name and Ticker or Trading Symbol<br><b>SEATTLE GENETICS INC /WA [ SGEN ]</b> |  |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><b>President and CEO</b> |  |  |
| (Last)  | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br><b>12/10/2018</b>                   |  |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>Form filed by More than One Reporting Person  |  |  |
| 21823 30TH DRIVE SE   |         |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                |  |  |  |  |  |
| (Street)<br><b>BOTHELL WA 98021</b>                               |         |          |   |  |  |  |  |  |
| (City) (State) (Zip)  |         |          |   |  |  |  |  |  |

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) |   | 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) |            |                        | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|------------------------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price                  |   |  |   |
| Common Stock                    | 12/10/2018                           |  | M                              |   | 6,300   | A          | \$12.16                | 738,913 <sup>(1)</sup>  | D  |   |
| Common Stock                    | 12/10/2018                           |  | S <sup>(2)</sup>               |   | 6,300   | D          | \$59.15 <sup>(3)</sup> | 732,613 <sup>(1)</sup>  | D  |   |
| Common Stock                    | 12/10/2018                           |  | M                              |   | 13,148  | A          | \$12.16                | 745,761 <sup>(1)</sup>  | D  |   |
| Common Stock                    | 12/10/2018                           |  | S <sup>(2)</sup>               |   | 13,148  | D          | \$59.96 <sup>(4)</sup> | 732,613 <sup>(1)</sup>  | D  |   |
| Common Stock                    | 12/10/2018                           |  | M                              |   | 700   | A          | \$12.16                | 733,313 <sup>(1)</sup>  | D  |   |
| Common Stock                    | 12/10/2018                           |  | S <sup>(2)</sup>               |   | 700   | D          | \$60.78 <sup>(5)</sup> | 732,613 <sup>(1)</sup>  | D  |   |

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |        | 6. Date Exercisable and Expiration Date (Month/Day/Year) |                 | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |       |
|--|--|--------------------------------------|--|--------------------------------|---|--|--------|--|-----------------|---|--|--|---|--|-------|
|  |  |                                      |  | Code                           | V | (A)  | (D)    | Date Exercisable   | Expiration Date |   |  |  |   |  | Title |
| Non-Qualified Stock Option (right to buy)  | \$12.16  | 12/10/2018                           |  | M                              |   |  | 6,300  | (6)  | 08/25/2019      | Common Stock  | 6,300                                      | \$0.0  | 175,033   | D  |       |
| Non-Qualified Stock Option (right to buy)  | \$12.16  | 12/10/2018                           |  | M                              |   |  | 13,148 | (6)  | 08/25/2019      | Common Stock  | 13,148                                     | \$0.0  | 161,885   | D  |       |
| Non-Qualified Stock Option (right to buy)  | \$12.16  | 12/10/2018                           |  | M                              |   |  | 700    | (6)  | 08/25/2019      | Common Stock  | 700  | \$0.0  | 161,185   | D  |       |

**Explanation of Responses:**

- Amount of securities beneficially owned following reported transactions includes restricted stock units subject to vesting.
- The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.

3. Reflects sales of common stock executed in multiple transactions at prices ranging from \$58.61 to \$59.59. The price reported reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request by the Securities and Exchange Commission staff, the Issuer or a security holder of the Issuer full information regarding the number of shares and prices at which the sales were effected.
4. Reflects sales of common stock executed in multiple transactions at prices ranging from \$59.63 to \$60.58. The price reported reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request by the Securities and Exchange Commission staff, the Issuer or a security holder of the Issuer full information regarding the number of shares and prices at which the sales were effected.
5. Reflects sales of common stock executed in multiple transactions at prices ranging from \$60.64 to \$60.84. The price reported reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request by the Securities and Exchange Commission staff, the Issuer or a security holder of the Issuer full information regarding the number of shares and prices at which the sales were effected.
6. Shares vested at a rate of 25% on 8/25/10 and monthly thereafter until all the shares were fully vested on 8/25/13.

By: /s/ Jean Liu For: Clay B. Siegall      12/12/2018

\*\* Signature of Reporting Person      Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.**