UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

Current Report Pursuant to Section 13 or 15(d) of the

Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): February 6, 2007

Seattle Genetics, Inc.

(Exact name of Registrant as specified in its charter)

Delaware (State or other jurisdiction of

0-32405 (Commission File Number) 91-1874389 (I.R.S. Employer

incorporation or organization)

21823 30th Drive SE

Identification No.)

Bothell, Washington 98021

(Address of principal executive offices, including zip code)

(425) 527-4000

(Registrant s telephone number, including area code)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- " Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- " Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- " Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- " Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02 Results of Operations and Financial Condition.

On February 6, 2007, Seattle Genetics, Inc. issued a press release announcing financial results for its fourth quarter and year ended December 31, 2006. A copy of the press release is furnished herewith as Exhibit 99.1 and incorporated into this Form 8-K by reference.

The information included under Item 2.02 of this report is being furnished and shall not be deemed filed for purposes of Section 18 of the Securities Act of 1934, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, except as shall be expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits.

- (d) Exhibits.
- 99.1 Press Release of Seattle Genetics, Inc. dated February 6, 2007

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

SEATTLE GENETICS, INC.

Date: February 6, 2007 By: /s/ Clay B. Siegall

Clay B. Siegall

President and Chief Executive Officer

INDEX TO EXHIBITS

Exhibit No.

DescriptionPress Release of Seattle Genetics, Inc. dated February 6, 2007 99.1