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): October 6, 2009

ONCOGENEX PHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

Delaware	**033-80623**	**95-4343413**
(State or other Jurisdiction of Incorporation)	(Commission File Number)	(IRS Employer Identification No.)

1522 217th Place S.E. **Bothell, Washington**	**98021**
(Address of Principal Executive Offices)	(Zip Code)

Registrant's telephone number, including area code: **(425) 686-1500**

N/A
(Former name or former address if changed since last report.)

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:

☐ 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 7.01 Regulation FD Disclosure.

On October 6, 2009, OncoGenex Pharmaceuticals, Inc. issued a press release entitled "FDA Grants Additional Fast Track Designation for OGX-011 in Combination with First Line Chemotherapy." A copy of the press release is attached as Exhibit 99.1 and incorporated herein by reference.

In accordance with General Instruction B.2 of Form 8-K, the information in this report, including the exhibit attached hereto, shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), nor shall such information be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
99.1	Press release of OncoGenex Pharmaceuticals, Inc. dated October 6, 2009

SIGNATURES

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

ONCOGENEX PHARMACEUTICALS, INC.

Date: October 6, 2009

/s/ Stephen Anderson
Stephen Anderson
Chief Financial Officer and Secretary

EXHIBIT INDEX

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Exhibit 99.1

FDA Grants Additional Fast Track Designation for OGX-011 in Combination with First Line Chemotherapy

BOTHELL, WA, and VANCOUVER –October 6, 2009 – OncoGenex Pharmaceuticals, Inc. (NASDAQ: OGXI) announced today that OGX-011, also known as custirsen sodium, received an additional Fast Track Designation from the U.S. Food & Drug Administration (FDA) for progressive metastatic prostate cancer in combination with first-line docetaxel treatment. OncoGenex had previously received Fast Track Designation for second-line docetaxel treatment with OGX-011 in combination with docetaxel for treatment of progressive metastatic prostate cancer following docetaxel.

Fast Track Designation is granted to products that may provide a significant improvement in the safety or effectiveness of the treatment for a serious or life-threatening disease. Based on this designation, the FDA will take actions as appropriate to expedite the development and review of OGX-011 for approval. These actions include scheduled meetings to obtain FDA input into development plans, and the option of submitting a New Drug Application in sections rather than all components simultaneously.

"An expansion of the current Fast Track Designation to include OGX-011 in combination with first-line docetaxel treatment, in addition to second-line docetaxel treatment of patients with progressive metastatic prostate cancer, is consistent with our current development plans in prostate cancer," said Scott Cormack, Chief Executive Officer of OncoGenex Pharmaceuticals. "We intend to execute Phase 3 clinical trial protocols, which now have completed Special Protocol Assessments (SPA's) for first-line and second-line chemotherapy treatment, and these Fast Track Designations along with the SPA's should help us move expeditiously toward commercialization of OGX-011 in prostate cancer."

The request for Fast Track designation was based on data from the randomized, Phase 2 study (Study OGX-011-03) that suggested OGX-011 in combination with first-line docetaxel treatment may improve survival in patients with castrate resistant prostate cancer (CRPC). The median overall survival in patients with CRPC who were treated with OGX-011 plus first-line docetaxel was 23.8 months (95% Confidence Interval (CI) from 16.2 to infinity) compared to 16.9 months (95% CI from 12.8 to 25.8) for patients treated with docetaxel alone with a hazard ratio of 0.61 (95% CI from 0.36 to 1.02).

About OncoGenex Pharmaceuticals

OncoGenex is a biopharmaceutical company committed to the development and commercialization of new therapies that address unmet needs in the treatment of cancer. OncoGenex has a deep oncology pipeline, with each product candidate having a distinct mechanism of action and representing a unique opportunity for cancer drug development. OGX-011, the lead candidate that has completed five Phase 2 clinical trials in prostate, lung and breast cancers, is designed to inhibit the production of a specific protein associated with treatment resistance; OGX-427 is in Phase 1 clinical development; SN2310 has completed the Phase 1 clinical trial; and CSP-9222 and OGX-225 are currently in pre-clinical development.

OGX-011, OGX-427 and OGX-225 utilize second-generation antisense technology, licensed from Isis Pharmaceuticals (NASDAQ: ISIS), to effectively target and inhibit production of specific proteins in tumor cells. OncoGenex and Isis partnered in the successful discovery of OGX-011, OGX-427 and OGX-225 and with respect to OGX-011, in its initial development. In 2008, OncoGenex and Isis amended their OGX-011 agreement to provide OncoGenex with sole rights to OGX-011 and sole responsibility for development and related costs and partnering decisions, subject to financial obligations to Isis. OncoGenex is also solely responsible for development and related costs and partnering decisions regarding OGX-427 and OGX-225. Key intellectual property related to OGX-011, OGX-427 and OGX-225 were discovered by The University of British Columbia and the Vancouver Prostate Centre, and were exclusively licensed to OncoGenex.

More information about OncoGenex is available at www.oncogenex.com.

Forward Looking Statements

This press release contains forward-looking statements within the meaning of the "safe harbor" provisions of the Private Securities Litigation Reform Act of 1995, including, but not limited to, statements concerning Fast Track Designation for OGX-011 and anticipated clinical and other product development activities and timing of these activities. These statements are based on management's current expectations and beliefs and are subject to a number of risks, uncertainties and assumptions that could cause actual results to differ materially from those described in the forward-looking statements. All statements other than statements of historical fact are statements that could be deemed forward-looking statements. For example, statements of expeditious review attributed to Fast Track Designation, moving expeditiously towards commercialization, the timing of clinical trials and development efforts and the results of clinical and pre-clinical studies are all forward-looking statements. Such forward-looking statements are subject to risks and uncertainties, including, among others: the risk factors set forth in the Company's filings with the Securities and Exchange Commission, including the Company's Annual Report on Form 10-K for fiscal year 2008. The Company undertakes no obligation to update the forward-looking statements contained herein or to reflect events or circumstances occurring after the date hereof, other than as may be required by applicable law.

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