| FORM 4 | Ļ |
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(Print or Type Responses)

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

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden hours per response... 0.5

### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 Perso<br>BURRIS MICHELLE | 2. Issuer Name and Ticker or Trading Symbol<br>ONCOGENEX PHARMACEUTICALS, INC.<br>[OGXI] |  |   |  |  |        | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>Director 10% Owner<br>Officer (give title below) Other (specify below) |  |  |                         |
|---|--|--|---|--|--|--------|--|--|--|-------------------------|
| (Last) (First)<br>1522 217TH PL SE, SUITE 100             |  | 3. Date of Earliest Transaction (Month/Day/Year)<br>06/08/2010                   |   |  |  |        |  |  |  |                         |
| (Street)<br>BOTHELL, WA 98021                             |  | 4. If Amendment, Date Original Filed(Month/Day/Year)                             |   |  |  |        | 6. Individual or Joint/Group Filing(Check Applicable Line)<br>_X_Form filed by One Reporting Person<br>Form filed by More than One Reporting Person  |  |  |                         |
| (City) (State)  | (Zip)  | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |   |  |  |        |  |  |  |                         |
| 1.Title of Security<br>(Instr. 3)                         | 2. Transaction<br>Date<br>(Month/Day/Year)   | Execution Date, if   | 3. Transact<br>Code<br>(Instr. 8)<br>Code |  | 4. Securi<br>(A) or Di<br>(Instr. 3,<br>Amount | (A) or |  |  | 6.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I)<br>(Instr. 4) | Beneficial<br>Ownership |

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

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#### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

| ( <i>e.g.</i> , puts, calls, warrants, options, convertible securities) |             |                  |                    |                |          |                         |            |                     |                  |             |                |              |             |            |            |
|---|-------------|------------------|--------------------|----------------|----------|-------------------------|------------|---------------------|------------------|-------------|----------------|--------------|-------------|------------|------------|
| 1. Title of   | 2.          | 3. Transaction   | 3A. Deemed         | 4. 5. Number   |          | 6. Date Exercisable and |            | 7. Title and Amount |                  | 8. Price of | 9. Number of   | 10.          | 11. Nature  |            |            |
| Derivative  | Conversion  | Date             | Execution Date, if | Transaction of |          | Expiration Date         |            | of Underlying       |                  | Derivative  | Derivative     | Ownership    | of Indirect |            |            |
| Security  | or Exercise | (Month/Day/Year) | any                | Code           |          | Derivat                 | ive        | (Month/Day          | /Year)           | Securities  |                | Security     | Securities  | Form of    | Beneficial |
| (Instr. 3)  | Price of    |                  | (Month/Day/Year)   | (Instr. 8)     |          |                         | Securities |                     | (Instr. 3 and 4) |             | (Instr. 5)     | Beneficially | Derivative  | Ownership  |            |
|   | Derivative  |                  |                    |                | Acquired |                         |            |                     |                  |             |                | Owned        | Security:   | (Instr. 4) |            |
|   | Security    |                  |                    |                |          | (A) or                  |            |                     |                  |             | Following      | Direct (D)   |             |            |            |
|   |             |                  |                    |                | Disposed |                         |            |                     |                  |             |                | Reported     | or Indirect |            |            |
|   |             |                  |                    | of (D)         |          |                         |            |                     |                  |             | Transaction(s) | · · /        |             |            |            |
|   |             |                  |                    |                |          | (Instr. 3               | 3, 4,      |                     |                  |             |                |              | (Instr. 4)  | (Instr. 4) |            |
|   |             |                  |                    |                |          | and 5)                  |            |                     |                  |             | 1              |              |             |            |            |
|   |             |                  |                    |                |          |                         |            |                     |                  |             | Amount         |              |             |            |            |
|   |             |                  |                    |                |          |                         |            | Date                | Expiration       |             | or             |              |             |            |            |
|   |             |                  |                    |                |          |                         |            | Exercisable         |                  | Title       | Number         |              |             |            |            |
|   |             |                  |                    |                |          |                         |            |                     | Dute             |             | of             |              |             |            |            |
|   |             |                  |                    | Code           | V        | (A)                     | (D)        |                     |                  |             | Shares         |              |             |            |            |
| stock   |             |                  |                    |                |          |                         |            |                     |                  |             |                |              |             |            |            |
| option  |             |                  |                    |                |          |                         |            |                     |                  | Common      |                |              |             |            |            |
|   | \$ 14.2     | 06/08/2010       |                    | Α              |          | 3,500                   |            | <u>(1)</u>          | 06/08/2020       |             | 3,500          | \$ 0         | 3,500       | D          |            |
| (right to   |             |                  |                    |                |          |                         |            |                     |                  | Stock       |                |              |             |            |            |
| buy)  |             |                  |                    |                |          |                         |            |                     |                  |             |                |              |             |            |            |

# **Reporting Owners**

|   | Relationships |              |         |       |  |  |  |
|---|---------------|--------------|---------|-------|--|--|--|
| Reporting Owner Name / Address                                      | Director      | 10%<br>Owner | Officer | Other |  |  |  |
| BURRIS MICHELLE<br>1522 217TH PL SE, SUITE 100<br>BOTHELL, WA 98021 | Х             |              |         |       |  |  |  |

### Signatures

| Sandra Thomson as attorney-in-fact for Michelle Burris | 06/09/2010 |  |
|--|------------|--|
| **Signature of Reporting Person                        | Date       |  |

# **Explanation of Responses:**

\* 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).

(1) The options shall vest in full on the earlier of June 8, 2011 or the date immediately prior to Oncogenex Pharmaceuticals, Inc.'s next annual meeting of stockholders.

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

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