## FORM 4

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

OMB APPROVAL

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

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 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

| Name and Address of Reporting Person *  Cormack Scott Daniel         |                         |                        |                                  | 2. Issuer Name and Ticker or Trading Symbol ONCOGENEX PHARMACEUTICALS, INC. [OGXI] |             |  |   |  |   |               | _x_                              | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  _X_ Director   |                                |  |                                     |   |  |  |           |
|--|-------------------------|------------------------|----------------------------------|--|-------------|--|---|--|---|---------------|----------------------------------|---|--------------------------------|--|-------------------------------------|---|--|--|-----------|
| (Last) (First) (Middle)<br>400-1001 W. BROADWAY                      |                         |                        |                                  | 3. Date of Earliest Transaction (Month/Day/Year) 12/08/2010                        |             |  |   |  |   |               |                                  |   | Presi                          | ident and                              | CEO                                 |   |  |  |           |
| (Street)   |                         |                        |                                  | 4. If Amendment, Date Original Filed(Month/Day/Year)                               |             |  |   |  |   |               | _X_ Fo                           | 6. Individual or Joint/Group Filing(Check Applicable Line)  _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person |                                |  |                                     |   |  |  |           |
| VANCOUVER, A1 V6H 4B1 (City) (State) (Zip)                           |                         |                        |                                  |  |             |  |   |  |   |               |                                  |   |                                |  |                                     |   |  |  |           |
|  |                         | (State)                |                                  |  |             |  | 1   |  | 1                                       |               |                                  |   |                                |  | of, or Bene                         |   |  | 1  |           |
| 1. Title of Security (Instr. 3)  2. Transaction Date (Month/Day/Year |                         |                        |                                  | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year)                        |             | (Instr. 8)   |   | 4. Securities Acquire (A) or Disposed of ( (Instr. 3, 4 and 5) |   |               |                                  |   |                                | ecurities Beneficially<br>ing Reported |                                     | 6.<br>Owne<br>Form:<br>Direct           | rship India<br>Bene  | ature of<br>rect<br>eficial<br>ership          |           |
|  |                         |                        |                                  | `  | J           | ĺ  | Cod                                       | e V  | Amoi                                    |               | (A) or<br>(D)                    | Price   | or Indire<br>(I)<br>(Instr. 4) |  | irect (Inst                         | r. 4)                                   |  |  |           |
| Common Stock   |                         | 12/08/2010             |                                  |  |             | M  |   | 5,00   | 00 .                                    | A 3           | \$<br>3.889                      | 13,092  |                                | I                                      | Spo                                 | use                                     |  |  |           |
| Common   | Common Stock 12/08/2010 |                        | 12/08/2010                       |  |             |  | M   |  | 5,00                                    | 00            | D S                              | \$<br>15.95   | 8,092                          | )92                                    |                                     |   | I  | Spo  | use       |
| Common Stock   |                         |                        |                                  |  |             |  |   |  |   |               |                                  | 35,68   | 0                              |  |                                     | I                                       | Inv  | Trycor estment st No.                          |           |
| Common   | Stock                   |                        |                                  |  |             |  |   |  |   |               |                                  |   | 13,06                          | 57                                     |                                     |   | D  |  |           |
| Reminder: I  | Report on a s           | separate line for each | th class of securities  Table II | - Derivat  | tive S      | Secur  | ities Ac                                  | Per<br>in t<br>dis<br>quired, l                                | rsons<br>this fo<br>plays               | orm a<br>a cu | are not<br>urrently<br>f, or Ben | require<br>valid  | ed to r<br>OMB o               | espond<br>control n                    | of informat<br>unless the<br>umber. |   | tained   | SEC 14   | 74 (9-02) |
| 1. Title of  | 2.                      | 3. Transaction         | 3A. Deemed                       | (e.g., pu  |             |  |   | s, option  |   |               |                                  |   | tle and                        | Amount                                 | 8. Price of                         | 9 Numb                                  | ner of   | 10.  | 11. Natu  |
| Derivative<br>Security   | Conversion              |                        | Execution Date, if               | Transac<br>Code  | etion<br>3) | of<br>Deri<br>Secu<br>Acqu<br>(A) o<br>Disp<br>of (I | vative arities uired or cosed D) r. 3, 4, | Expiration   | xpiration Date of<br>Month/Day/Year) Se |               | of U                             | f Underlying<br>ecurities<br>nstr. 3 and 4)   |                                | Derivative<br>Security<br>(Instr. 5)   |                                     | ve<br>es<br>ially<br>ng<br>d<br>tion(s) | Ownership<br>Form of<br>Derivative<br>Security:<br>Direct (D)<br>or Indirect | of Indire<br>Benefici<br>Ownersh<br>(Instr. 4) |           |
|  |                         |                        |                                  | Code   | V           | (A)  | (D)                                       | Date<br>Exercisa   |   | Exp<br>Date   | iration<br>e                     | Title   |                                | Amount<br>or<br>Number<br>of<br>Shares |                                     |   |  |  |           |
| Stock<br>Option  | \$ 3.889                | 12/08/2010             |                                  | М  |             |  | 1,533<br>(2)                              | 12/16/2  | 2003                                    | 12/           | 16/201                           | 0 Con   | nmon                           | 1,533                                  | \$ 0                                | 0                                       |  | I  | Spouse    |
| Stock<br>Option  | \$ 3.889                | 12/08/2010             |                                  | M  |             |  | 3,467<br>(2)                              | 01/14/2  | 2007                                    | 01/           | 14/201                           | 1 Con   | nmon                           | 3,467                                  | \$ 0                                | 3,39                                    | 92   | I  | Spouse    |

### **Reporting Owners**

|   | Relationships |              |                   |       |  |  |  |  |  |
|---|---------------|--------------|-------------------|-------|--|--|--|--|--|
| Reporting Owner Name / Address  | Director      | 10%<br>Owner | Officer           | Other |  |  |  |  |  |
| Cormack Scott Daniel<br>400-1001 W. BROADWAY<br>VANCOUVER, A1 V6H 4B1 | X             |              | President and CEO |       |  |  |  |  |  |

| Signatures   |    |          |
|--|----|----------|
| Sandra Thomson as Attorney-in-Fact for Scott Cormack | 12 | /10/2010 |
| **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) Scott D. Cormack and his spouse are the trustees and beneficiaries of the Trycor Investment Trust No. 1
- (2) These shares were exercised and sold under the 10b5 Sales Plan.

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

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.