

**INITIAL STATEMENT OF 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

(Print or Type Responses)

1. Name and Address of Reporting Person* Smith David V		2. Date of Event Requiring Statement (Month/Day/Year) 08/09/2010	3. Issuer Name and Ticker or Trading Symbol ONCOGENEX PHARMACEUTICALS, INC. [OGXI]	
(Last)	(First) (Middle)		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)	5. If Amendment, Date Original Filed (Month/Day/Year)
C/O CHIRON CORP, 4560 HORTON STREET				
(Street)				
EMERYVILLE, CA 94608-2916				
(City)	(State)	(Zip)		

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)

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

SEC 1473 (7-02)

**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 control number.**

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Smith David V C/O CHIRON CORP 4560 HORTON STREET EMERYVILLE, CA 94608-2916	X			

## Signatures

/s/ David V. Smith	08/09/2010
**Signature of Reporting Person	Date

## Explanation of Responses:

### No securities are beneficially owned

\* If the form is filed by more than one reporting person, see Instruction 5(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.

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.

## POWER OF ATTORNEY

Know all by these presents, that the undersigned hereby constitutes and appoints Sandra Thomson as the undersigned's true and lawful attorney-in-fact to:

1. execute for me and on my behalf, in my capacity as an officer and/or director of OncoGenex Pharmaceuticals, Inc. (the "Company"), Forms 3, 4 and 5 (including amendments thereto) in accordance with Section 16(a) of the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder (collectively, the "Forms");
2. do and perform any and all acts for me and on my behalf which may be necessary or desirable to complete and execute and timely file any and all such Forms with the United States Securities and Exchange Commission and any stock exchange or similar authority; and
3. take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to me, in my best interest or legally required by me, it being understood that the documents executed by such attorney-in-fact on my behalf pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

I hereby grant to such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as I might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted. I acknowledge that the attorney-in-fact, in serving in such capacity at my request, is not assuming, nor is the Company assuming, any of my responsibilities to comply with Section 16 of the Securities Exchange Act of 1934, as amended.

The undersigned agrees that such attorney-in-fact herein may rely entirely on information furnished orally or in writing by me to such attorney-in-fact. I also agree to indemnify and hold harmless the Company and such attorney-in-fact against any losses, claims, damages or liabilities (or actions in these respects) that arise out of or are based upon any untrue statements or omission of necessary facts in the information provided by the undersigned to such attorney-in-fact for purposes of executing, acknowledging, delivering or filing such Forms and I agree to reimburse the Company and such attorney-in-fact for any legal or other expenses reasonably incurred in connection with investigating or defending against any such loss, claim, damage, liability or action.

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This Power of Attorney supersedes any power of attorney previously executed by me regarding the purpose outlined in the first paragraph hereof ("Prior Powers of Attorney") and the authority of the attorney-in-fact named in any Prior Powers of Attorney is hereby revoked.

This Power of Attorney shall remain in full force and effect until I am no longer required to file such Forms with respect to my holdings of and transactions in securities issued by the Company, unless (1) earlier revoked by me in a signed writing delivered to the attorney-in-fact named above or (b) superseded by a new power of attorney regarding the purposes outlined in the first paragraph hereto dated as of a later date.

**IN WITNESS WHEREOF**, the undersigned has signed this Power of Attorney on August 9, 2010.

/s/ David V. Smith  
David V. Smith

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