

## 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* H.I.G. ONCOGENEX, INC.  (Last) (First) (Middle) C/O 1001 BRICKELL BAY DRIVE, 27TH FLOOR  (Street)  MIAMI, FL 33131  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 08/21/2008	3. Issuer Name and Ticker or Trading Symbol ONCOGENEX PHARMACEUTICALS, INC. [OGXI]		
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" 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)
		6. Individual or Joint/Group Filing Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person		

### 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)
Common Stock	733,912 (1)	D (2)	

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
H.I.G. ONCOGENEX, INC. C/O 1001 BRICKELL BAY DRIVE 27TH FLOOR MIAMI, FL 33131		X		
H.I.G. KEY CORP C/O 1001 BRICKELL BAY DRIVE 27TH FLOOR MIAMI, FL 33131		X		
H.I.G. HORIZON CORP C/O 1001 BRICKELL BAY DRIVE 27TH FLOOR MIAMI, FL 33131		X		
MNAYMNEH SAMI C/O 1001 BRICKELL BAY DRIVE 27TH FLOOR MIAMI, FL 33131		X		
TAMER ANTHONY C/O 1001 BRICKELL BAY DRIVE 27TH FLOOR MIAMI, FL 33131		X		

## Signatures

/s/ Richard Siegel, Authorized Signatory for H.I.G. Oncogenex, Inc.		08/29/2008
**Signature of Reporting Person		Date
/s/ Richard Siegel, Authorized Signatory for H.I.G. Key Corp.		08/29/2008
**Signature of Reporting Person		Date
/s/ Richard Siegel, Authorized Signatory for H.I.G. Horizon Corporation		08/29/2008
**Signature of Reporting Person		Date
/s/ Sami W. Mnaymneh		08/29/2008
**Signature of Reporting Person		Date
/s/ Anthony Tamer		08/29/2008
**Signature of Reporting Person		Date

## Explanation of Responses:

\* 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).

(1) These securities include 209,688 shares that remain in escrow pending the achievement of certain milestones, as set forth in the Arrangement Agreement dated May 27, 2008 between Sonus Pharmaceuticals, Inc. and OncoGenex Technologies Inc., which is included as Exhibit 2.1 to the Issuer's Current Report on Form 8-K (File No. 0-21243) filed with the Securities and Exchange Commission on May 30, 2008, and incorporated herein by reference. If such milestones are not satisfied prior to August 21, 2014, all shares remaining in escrow will be cancelled.

(2) These shares are owned directly by H.I.G. Horizon Corporation, which is a wholly-owned subsidiary of H.I.G. Key Corporation which is a wholly-owned subsidiary of H.I.G. Oncogenex, Inc. Sami W. Mnaymneh and Anthony Tamer are the shareholders of HIG-GP II, Inc., the general partner and managing member, respectively, of the two entities which are indirectly the majority shareholders of H.I.G. Oncogenex, Inc. H.I.G. Key Corporation and H.I.G. Oncogenex, Inc. and Messrs. Mnaymneh and Tamer may be deemed to be indirect beneficial owners of the reported securities, but disclaim beneficial ownership in the securities, except to the extent of its or his pecuniary interest in the shares.

### Remarks:

Exhibit List - Exhibit 99 - Joint Filer Information

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.

## FORM 3 JOINT FILER INFORMATION

Name: H.I.G. Key Corporation  
Address: 1001 Brickell Bay Drive, 27th Floor  
Miami, Florida 33131  
Designated Filer: H.I.G. Oncogenex, Inc.  
Issuer & Ticker Symbol: OncoGenex Pharmaceuticals, Inc. (OGXI)  
Date of Event  
Requiring Statement: August 21, 2008  
Signature: By: /s/ RICHARD SIEGEL  
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Authorized Signatory

Name: H.I.G. Horizon Corporation  
Address: 1001 Brickell Bay Drive, 27th Floor  
Miami, Florida 33131  
Designated Filer: H.I.G. Oncogenex, Inc.  
Issuer & Ticker Symbol: OncoGenex Pharmaceuticals, Inc. (OGXI)  
Date of Event  
Requiring Statement: August 21, 2008  
Signature: By: /s/ RICHARD SIEGEL  
-----  
Authorized Signatory

Name: Sami W. Mnaymneh  
Address: 1001 Brickell Bay Drive, 27th Floor  
Miami, Florida 33131  
Designated Filer: H.I.G. Oncogenex, Inc.  
Issuer & Ticker Symbol: OncoGenex Pharmaceuticals, Inc. (OGXI)  
Date of Event  
Requiring Statement: August 21, 2008  
Signature: By: /s/ Sami W. Mnaymneh  
-----  
Sami W. Mnaymneh

Name: Anthony Tamer  
Address: 1001 Brickell Bay Drive, 27th Floor  
Miami, Florida 33131  
Designated Filer: H.I.G. Oncogenex, Inc.  
Issuer & Ticker Symbol: OncoGenex Pharmaceuticals, Inc. (OGXI)  
Date of Event  
Requiring Statement: August 21, 2008  
Signature: By: /s/ Anthony Tamer  
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Anthony Tamer