#### IDERA PHARMACEUTICALS, INC.

Form 4

January 08, 2008

### FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

**OMB** Number:

3235-0287

Expires:

January 31, 2005

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**OMB APPROVAL** 

response...

if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

may continue. See Instruction

(Middle)

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person \* **MUELLER HANS** 

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Symbol

IDERA PHARMACEUTICALS, INC. [IDRA]

(Last)

(First)

3. Date of Earliest Transaction

X\_ Director Officer (give title

10% Owner Other (specify

1802 CHESTER HOLLOW LANE

(Street)

01/01/2008

(Month/Day/Year)

below)

4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

WEST CHESTER, PA 19382

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4) (Instr. 4)

(A) or Code V Amount (D) Price

(Instr. 3, 4 and 5)

Transaction(s) (Instr. 3 and 4)

Reported

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

5. Number Transaction of Derivative Expiration Date Code Securities

6. Date Exercisable and (Month/Day/Year)

7. Title and Amount of 8 Underlying Securities  $\Gamma$ (Instr. 3 and 4) S

(9-02)

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(Instr. 3)	Price of Derivative Security	(	(Month/Day/Year)	(Instr. 8		Acquired (A) or Disposed (D) (Instr. 3, and 5)	d of				
				Code '	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Options	\$ 13.1	01/01/2008		A		1,250		01/01/2009	01/01/2018	Common Stock	1,250

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
,	Director	10% Owner	Officer	Other			
MUELLER HANS							
1802 CHESTER HOLLOW LANE	X						
WEST CHESTER, PA 19382							

## **Signatures**

Hans Mueller 01/01/2008

\*\*Signature of Person Date

\*\*Reporting Person

### **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).

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.

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