

IDERA PHARMACEUTICALS, INC.
 Form 4
 March 17, 2008

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL
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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, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
 ZEIN YOUSSEF EL

2. Issuer Name and Ticker or Trading Symbol
 IDERA PHARMACEUTICALS, INC. [IDRA]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 03/14/2008

Director 10% Owner
 Officer (give title below) Other (specify below)

C/O IDERA PHARMACEUTICALS, INC., 167 SIDNEY STREET

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

CAMBRIDGE, MA 02139

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	(A) or (D)	5. Amount or Price	6. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	7. Nature of Ownership (Instr. 4)
Common Stock	03/14/2008		M	54,065	A	\$ 5.36	71,893	I By Pillar Investment Limited
Common Stock	03/14/2008		J(1)	54,065	D	\$ 0	17,828	I By Pillar Investment Limited
Common Stock	03/14/2008		J(1)	54,065	A	\$ 0	282,918	D
Common							919,510	I ByOptima

Stock

Life Sciences Limited

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
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)		
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V	(A)	(D)
Common Stock Warrants (right to buy)	\$ 5.36	03/14/2008		M	54,065	08/27/2004	08/27/2009	Common stock	54,065

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

ZEIN YOUSSEF EL
C/O IDERA PHARMACEUTICALS, INC.
167 SIDNEY STREET
CAMBRIDGE, MA 02139

X

Signatures

Youssef El Zein 03/14/2008

**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) Shares are distributed to the reporting person from Pillar Investments Limited.

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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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