IDERA PHARMACEUTICALS, INC.

Form 4

August 16, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

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obligations

Check this box

may continue. See Instruction

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 * ZEIN YOUSSEF EL

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

IDERA PHARMACEUTICALS,

(Check all applicable)

INC. [IDRA]

08/16/2013

(Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year)

X_ Director Officer (give title below)

X 10% Owner Other (specify

C/O IDERA

PHARMACEUTICALS, INC., 167 SIDNEY STREET

(Street)

4. If Amendment, Date Original

Filed(Month/Day/Year)

Code

(Instr. 8)

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person

(Instr. 4)

CAMBRIDGE, MA 02139

Execution Date, if

(Month/Day/Year)

Form filed by More than One Reporting

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

1.Title of Security

(Instr. 3)

(City)

(State)

(Month/Day/Year)

2. Transaction Date 2A. Deemed

(Zip)

3. 4. Securities TransactionAcquired (A) or

5. Amount of Securities Beneficially

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

(Instr. 4)

Following Reported

Owned

Transaction(s)

(A)

Disposed of (D)

(Instr. 3, 4 and 5)

(Instr. 3 and 4) Code V Amount (D) Price

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 (9-02)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)

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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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exer Expiration D (Month/Day)	ate	7. Title and a Underlying S (Instr. 3 and	Securities 1
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option	\$ 1.5	08/16/2013		A	40,000	<u>(1)</u>	08/16/2023	Common Stock	40,000

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
ZEIN YOUSSEF EL C/O IDERA PHARMACEUTICALS, INC. 167 SIDNEY STREET	X	X				
CAMBRIDGE, MA 02139						

Signatures

/s/ Youssef El

Zein 08/16/2013

**Signature of 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).
- (1) The option vests in twelve equal quarterly installments over three years from the date of grant, with the first installment vesting on November 16, 2013.

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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