

IDERA PHARMACEUTICALS, INC.
 Form 4
 May 23, 2014

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 *
 Abdul-Wahab Umari

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)
 05/21/2014

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) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|---|-----------------------|
| | | | Code | V | Amount | (A) or (D) | Price | | |
| Common Stock | 05/21/2014 | | S | | 250,000 | D | \$ 0 0 ⁽²⁾ | I | See Footnotes (1) (2) |
| Common Stock | 05/22/2014 | | S | | 250,000 | D | \$ 0 0 ⁽²⁾ | I | See Footnotes (1) (2) |
| Common Stock | 05/23/2014 | | S | | 45,000 | D | \$ 0 0 ⁽²⁾ | I | See Footnotes (1) (2) |

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| | | | | | | | | |
|--------------|------------|---|---------|---|------|------------------|---|-----------------------|
| Common Stock | 05/23/2014 | X | 575,758 | A | \$ 0 | 0 ⁽³⁾ | I | See Footnotes (2) (3) |
| Common Stock | 05/23/2014 | X | 313,341 | A | \$ 0 | 0 ⁽⁴⁾ | I | See Footnotes (2) (4) |
| Common Stock | 05/23/2014 | X | 110,901 | A | \$ 0 | 0 ⁽⁵⁾ | I | See Footnotes (2) (5) |

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

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.

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(9-02)

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) | |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----------------|---|----------------------|
| | | | | Code | V (A) (D) | Date Exercisable | Expiration Date | Title | Amount Number Shares |
| Warrants | \$ 0.79 | 05/23/2014 | | X | 575,758 | 05/07/2013 | 06/01/2014 | Common Stock | 575,758 |
| Warrants | \$ 0.79 | 05/23/2014 | | X | 313,341 | 05/07/2013 | 06/01/2014 | Common Stock | 313,341 |
| Warrants | \$ 0.79 | 05/23/2014 | | X | 110,901 | 05/07/2013 | 06/01/2014 | Common Stock | 110,901 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Abdul-Wahab Umari C/O IDERA PHARMACEUTICALS, INC. 167 SIDNEY STREET CAMBRIDGE, MA 02139 | X | | | |

Signatures

/s/ Abdul-Wahab
Umari

05/23/2014

__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 sold by Pillar Pharmaceuticals I, L.P. ("Pillar I"), of which Pillar Invest Corporation ("Pillar GP") is the general partner.
Abdul-Wahab Umari is a director of Pillar GP and serves as the representative of a Pillar I, Pillar II and Pillar GP on the Issuer's board of directors. Mr. Umari disclaims Section 16 beneficial ownership of the Pillar I Warrants, Pillar II Warrants and the Besancon Warrants
 - (2) (including in each case the common stock underlying such warrants) and this report shall not be deemed an admission that he is the beneficial owners of any such securities, except to the extent of his pecuniary interest therein, if any, by virtue of his ownership interest in Pillar GP. As of the date hereof, Mr. Umari owns directly 67,304 shares of common stock of the Issuer.
 - (3) Warrants beneficially owned and exercised for shares of common stock by Pillar I, of which Pillar GP is the general partner (the "Pillar I Warrants").
 - (4) Warrants beneficially owned and exercised for shares of common stock by Pillar Pharmaceuticals II, L.P. ("Pillar II"), of which Pillar GP is the general partner (the "Pillar II Warrants") of the Issuer.
 - (5) Warrants beneficially owned and exercised for shares of common stock by Participations Besancon, a fund advised by Pillar GP (the "Besancon Warrants").

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.