FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| OMB APPROVAL | | | | | | |
|--------------------------|-----------|--|--|--|--|--|
| OMB Number: | 3235-0287 | | | | | |
| Estimated average burden | | | | | | |
| hours per response: | 0.5 | | | | | |

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* 14159 capital (GP), LLC | | | <u>IDE</u> | 2. Issuer Name and Ticker or Trading Symbol IDERA PHARMACEUTICALS, INC. IDP] | | | | | | | | Relationship of Reporting Person(s) to Issuer (Check all applicable) Director X 10% Owner Officer (give title Other (specify | | | | | | | | |
|---|--|---|---|---|-----|--------|--|-------------------------------------|----------------|---|---------------------------------------|--|-----------------------------------|---|--|---|--|---|---------------------------------------|--|
| (Last) (First) (Middle) 667 MADISON AVENUE, 17TH FLOOR | | | | 3. Date of Earliest Transaction (Month/Day/Year) 11/01/2007 | | | | | | | | | belov | | uuc | | elow) | эрсопу | | |
| (Street) NEW YC | | | ZIS 10021 | 4. If Amendment | | | dment, Date of Original Filed (Month/Day/Year) | | | | | | | | S. Individual or Joint/Group Filing (Check Applicable ine) Form filed by One Reporting Person X Form filed by More than One Reporting Person | | | | | |
| | | Tabl | e I - Non-Deriv | ative S | Sec | uriti | es A | cquir | red, | Dispose | d of | f, or | Benefi | cia | ally Owne | ed | | | | |
| Date | | 2. Transaction Date (Month/Day/Year | | | | | 3. Transaction Code (Instr. 8) | | Disposed Of (D | | Acquired (A) or D) (Instr. 3, 4 an | | | 5. Amount Securities Beneficial Owned Following | ly | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | Indir Bene | eficial ership | |
| | | | | | | | C | ode | v | Amount | (A 01 (D | · | Price | | Reported Transaction(s) (Instr. 3 and 4) | | | | , , | |
| Common Stock ⁽¹⁾⁽²⁾ | | 11/01/2007 | | | | | S | | 500 | | D | \$11.50 | 09 | 39,689 | | I | | Through Partnership ⁽³⁾ | | |
| Common | Stock(1)(2) | | 11/02/2007 | | | | | S | | 626 | | D | \$11.87 | 72 | 39,0 | 63 |] | [| | ough nership ⁽³⁾ |
| Common Stock ⁽¹⁾⁽²⁾ 11/05/200 | | | 11/05/2007 | | | | | S | | 241 | | D | \$12.05 | 25 | 38,822 | | I | | Through Partnership ⁽³⁾ | |
| | | Та | ble II - Derivat (e.g., pi | | | | | | | isposed o s, convei | | | | | y Owned | | | | | |
| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | e (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transactio Code (Inst | | 5. Nun | | 6. Date Expirati (Month/ ities ired | | Exercisable and ion Date (Day/Year) | | 1 | | | 8. Price of Derivative Security (Instr. 5) | 9. Num derivat Securit Benefic Owned Follow Report Transa (Instr. 4 | ive dies dially ing ed ction(s) | Owner Form: y Direct or Indi (I) (Ins 4) | | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | | Code | v | (A) | (D) | Dat Exe | te ercisa | Expirat ble Date | ion | Title | Amou or Numb of Share | er | | | | | | |
| l | | f Reporting Person [*] GP), LLC | • | | | | | | | | | | | | | | | | | |
| (Last) 667 MA | DISON AV | (First) ENUE, 17TH FLO | (Middle) | | | | | | | | | | | | | | | | | |
| (Street) | ORK | NY | US 10021 | | | | | | | | | | | | | | | | | |
| (City) | | (State) | (Zip) | | | | | | | | | | | | | | | | | |

| 1. Name and Address of Reporting Person* BAKER JULIAN | | | | | | | | | |
|--|---------|----------|---|--|--|--|--|--|--|
| (Last) | (First) | (Middle) | | | | | | | |
| 667 MADISON AVENUE, 17TH FLOOR | | | | | | | | | |
| (Street) | | | | | | | | | |
| NEW YORK | NY | US 10021 | | | | | | | |
| (City) | (State) | (Zip) | _ | | | | | | |
| 1. Name and Address of Reporting Person* BAKER FELIX | | | | | | | | | |
| (Last) | (First) | (Middle) | | | | | | | |
| 667 MADISON AVENUE, 17TH FLOOR | | | | | | | | | |
| (Street) | | | _ | | | | | | |
| NEW YORK | NY | US 10021 | | | | | | | |
| (City) | (State) | (Zip) | _ | | | | | | |

Explanation of Responses:

- 1. In addition to 14159 Capital (GP), LLC, this Form 4 is being filed jointly by Julian C. Baker and Felix J. Baker, each of whom has the same business address as 14159 Capital (GP), LLC and may be deemed to have a pecuniary interest in securities owned by it. Because of certain relationships with other security holders of the Issuer, the Reporting Persons are filing solely for informational purposes as if they were a member of a group of such shareholders. (Continued in footnote 2).
- 2. However, the Reporting Persons disclaim that they and any other person or persons, in fact constitute a "group" for purposes of Section 13(d)(3) of the Securities Exchange Act of 1934, as amended, or Rule 13d-5 thereunder or that they are the beneficial owners of securities owned by any such other persons, and each of them disclaims beneficial ownership of securities reported herein except to the extent of their pecuniary interest, if any, therein.
- 3. Represents securities owned directly by 14159, L.P., the sole general partner of which is 14159 Capital, L.P., a limited partnership the sole general partner of which is 14159 Capital (GP), LLC. Baker and Felix J. Baker are the controlling members of 14159 Capital (GP), LLC.

<u>/s/ Julian C. Baker, as</u> <u>Managing Member of 14159</u> <u>11/05/2007</u>

Capital (GP), LLC

 /s/ Julian C. Baker
 11/05/2007

 /s/ Felix J. Baker
 11/05/2007

 ** Signature of Reporting Person
 Date

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

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.

 $^{^{\}star}$ 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).