

Ardea Biosciences, Inc./DE
 Form 4
 May 30, 2008

FORM 4

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

OMB APPROVAL

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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 *
 Baker Bros. Capital (GP), LLC

2. Issuer Name and Ticker or Trading Symbol
 Ardea Biosciences, Inc./DE [RDEA]

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

(Last) (First) (Middle)
 667 MADISON AVENUE 17TH FLOOR

3. Date of Earliest Transaction (Month/Day/Year)
 05/28/2008

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

(Street)
 NEW YORK, NY US 10021

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

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 or Price | | | | | |
| Common Stock (1) (2) | 05/28/2008 | | J | | 30,288 (3) | D | \$ 0 | 164,474 (5) | I | Through Partnership (5) |
| Common Stock (1) (2) | 05/29/2008 | | J | | 1,218 (4) | D | \$ 0 | 163,256 (6) | I | Through Partnership (6) |

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

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(1) In addition to Baker Bros. Capital (GP), LLC, this Form 4 is being filed jointly by Felix J. Baker and Julian C. Baker, each of whom has the same business address as Baker Bros. 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 members of a group with 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 owner of securities owned by 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 distributed by Baker Bros. Investments, L.P. to its limited partners.

(4) Represents securities distributed by Baker Bros. Investments II, L.P. to its general partner.

(5) Represents 75,581 shares owned directly by Baker Bros. Investments II, L.P. and 88,893 shares owned directly by Baker Bros. Investments, L.P., limited partnerships of which the sole general partner is Baker Bros. Capital, L.P., a limited partnership of which the sole general partner is Baker Bros. Capital (GP), LLC. Felix J. Baker and Julian C. Baker are controlling members of Baker Bros. Capital (GP), LLC.

(6) Represents 74,363 shares owned directly by Baker Bros. Investments II, L.P. and 88,893 shares owned directly by Baker Bros. Investments, L.P., limited partnerships of which the sole general partner is Baker Bros. Capital, L.P., a limited partnership of which the sole general partner is Baker Bros. Capital (GP), LLC. Felix J. Baker and Julian C. Baker are controlling members of Baker Bros. Capital (GP), LLC.

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.