Ardea Biosciences, Inc./DE Form 5 June 07, 2007

OMB APPROVAL FORM 5

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

OMB 3235-0362 Number: January 31, Expires:

2005

no longer subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box if

ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 1.0

See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported

Form 4

30(h) of the Investment Company Act of 1940

Transactions Reported

| 1. Name and Add ANDREEFF I | • | orting Person * | 2. Issuer Name and Ticker or Trading Symbol | 5. Relationship of Reporting Person(s) to Issuer | | | | |
|-------------------------------|---|-----------------|--|--|--------|--|--|--|
| (Last) | Ardea Biosciences, Inc./DE [ARD0 (First) (Middle) 3. Statement for Issuer's Fiscal Year Ended | | (Check al | l applicable) | | | | |
| | | | (Month/Day/Year) 12/31/2006 | Director Officer (give title | | | | |
| C/O ANDREEFF EQUITY | | | | below) | below) | | | |
| ADVISORS L | LC, 450 | LAUREL | | | | | | |
| ST STE 2105 | | | | | | | | |

(Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting

Filed(Month/Day/Year)

(check applicable line)

BATON ROUGE, LAÂ 70801

(State)

(Zin)

(City)

X Form Filed by One Reporting Person Form Filed by More than One Reporting

| (City) | (State) | 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. Securit or Dispos (Instr. 3, 4 | ed of (| ` ' | 5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| Common Stock | 04/02/2007 | Â | S4 | 16,350 | ` / | | 1,203,848 | I | See footnote (1) | | |
| Common Stock | 02/13/2006(3) | Â | P4 | 71,932 | A | \$ 3.5 | 1,203,848 | I | See footnote (2) | | |
| Common Stock | 04/03/2006 | Â | P4 | 2,795 | A | \$ 3.54 | 1,203,848 | I | See footnote | | |

| | | | | | | | | | (2) |
|-----------------|------------|---|----|--------|---|--------------|-----------|---|------------------|
| Common Stock | 04/04/2006 | Â | P4 | 1,993 | A | \$ 3.55 | 1,203,848 | I | See footnote |
| Common Stock | 04/05/2006 | Â | P4 | 10,164 | A | \$ 3.55 | 1,203,848 | I | See footnote (2) |
| Common Stock | 04/10/2006 | Â | P4 | 8,244 | A | \$ 3.61 | 1,203,848 | I | See footnote (2) |
| Common Stock | 04/11/2006 | Â | P4 | 2,886 | A | \$ 3.62 | 1,203,848 | I | See footnote (2) |
| Common Stock | 04/17/2006 | Â | P4 | 8,733 | A | \$ 3.65 | 1,203,848 | I | See footnote (2) |
| Common Stock | 04/18/2006 | Â | P4 | 1,561 | A | \$ 3.65 | 1,203,848 | I | See footnote (2) |
| Common Stock | 04/19/2006 | Â | P4 | 4,698 | A | \$ 3.65 | 1,203,848 | I | See footnote (2) |
| Common Stock | 04/20/2006 | Â | P4 | 299 | A | \$ 3.65 | 1,203,848 | I | See footnote (2) |
| Common Stock | 04/21/2006 | Â | P4 | 1,292 | A | \$ 3.65 | 1,203,848 | I | See footnote (2) |
| Common Stock | 11/01/2006 | Â | P4 | 17,526 | A | \$ 3.9899 | 1,203,848 | I | See footnote (2) |
| Common Stock | 01/03/2007 | Â | P4 | 20,165 | A | \$ 4.36 | 1,203,848 | I | See footnote (2) |
| Common Stock | 01/08/2007 | Â | P4 | 2,400 | A | \$ 4.7 | 1,203,848 | I | See footnote (2) |
| Common Stock | 04/30/2007 | Â | P4 | 8,333 | A | \$ 5.4766 | 1,203,848 | I | See footnote (2) |
| Common Stock | 05/02/2007 | Â | P4 | 163 | A | \$ 5.51 | 1,203,848 | I | See footnote (2) |

| Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly. | | | Persons v contained the form of | SEC 2270 (9-02) | | | | | |
|---|------------|---|---------------------------------------|--------------------|---|---------|-----------|---|------------------|
| Common Stock | 05/01/2006 | Â | S4 | 9,750 | D | \$ 3.55 | 1,203,848 | I | See footnote (2) |
| Common Stock | 05/02/2007 | Â | P4 | 2,991 | A | \$ 5.5 | 1,203,848 | I | See footnote |

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) | 4. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | ate | Amo Unde Secur | cle and unt of rrlying rities : 3 and 4) | 8. Price of Derivative Security (Instr. 5) |
|---|---|--------------------------------------|---|---|---------------------|--------------------|----------------------|--|---|
| | | | | (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |

D

O E Is

(I

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | | |
|--|---------------|-----------|---------|-------|--|--|--|
| Fg | Director | 10% Owner | Officer | Other | | | |
| ANDREEFF DANE C/O ANDREEFF EQUITY ADVISORS LLC 450 LAUREL ST STE 2105 BATON ROUGE, LA 70801 | Â | ÂX | Â | Â | | | |

Signatures

/s/ Dane
Andreeff

--*Signature of Reporting Person

Andreeff

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) This transaction was made by a fund that is not, itself, a 10% owner of the issuer's securities. The reporting person is reporting this transaction because he is the managing member of the fund's general partner and thus may be deemed an indirect beneficial owner of the

Reporting Owners 3

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fund's holdings. When these holdings are aggregated with the reporting person's other indirect holdings of this issuer's securities, he may be deemed an indirect beneficial owner of 10% or more of the issuer's securities.

- This transaction was made by a fund that is not, itself, a 10% owner of the issuer's securities. The reporting person is reporting this transaction because he is a Director of the fund and thus may be deemed an indirect beneficial owner of the fund's holdings. When these holdings are aggregated with the reporting person's other indirect holdings of this issuer's securities, he may be deemed an indirect beneficial owner of 10% or more of the issuer's securities.
- (3) The reporting person may be deemed to have become a 10% owner of the issuer's securities on this date. These holdings were reportable on a Form 3. The SEC's reporting system would not accept that form type to be listed in Table 1 of this Form 5 filing.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.