POYHONEN JOHN

Form 4

September 24, 2010

Check this box

if no longer

subject to

Section 16.

Form 4 or

obligations

may continue.

See Instruction

Form 5

FORM 4

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

SECURITIES

OMB APPROVAL OMB

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

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 * POYHONEN JOHN			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer
(Last)	(First)	(Middle)	Ardea Biosciences, Inc./DE [RDEA] 3. Date of Earliest Transaction	(Check all applicable)
4939 DIRECT	` '	, ,	(Month/Day/Year) 09/23/2010	_X_ Director 10% Owner Officer (give title below) Other (specify below)
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person
SAN DIEGO, CA 92121				Form filed by More than One Reporting Person

(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	3. 4. Securities Acquired (A) Transactiomr Disposed of (D) Code (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially	Ownership Indirec	7. Nature of Indirect Beneficial	
		(Month/Day/Year)	(Instr. 8) Code V	Amount	(A) or (D)	Price	Owned Following Reported Transaction(s) (Instr. 3 and 4)	Direct (D) or Indirect (I) (Instr. 4)	Ownership (Instr. 4)
Common Stock	09/23/2010		M	4,000	A	\$ 5.85	4,000	D	
Common Stock	09/23/2010		S	4,000	D	\$ 23.0164	0	D	

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 Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	of Derivative Expiration Date Securities (Month/Day/Year) Acquired A) or Disposed of D) Instr. 3, 4,		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 5.85	09/23/2010		M	4,000	<u>(1)</u>	06/14/2017	Common Stock	4,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
1 8	Director	10% Owner	Officer	Other			
POYHONEN JOHN 4939 DIRECTORS PLACE SAN DIEGO, CA 92121	X						

Signatures

/s/ John
Poyhonen

**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) Immediately exercisable, subject to a right of repurchase on behalf of the Issuer that lapses ratably over the 36 months following the grant date.

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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