Krueger Christopher W Form 4 May 18, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL

OMB 3235-0287 Number:

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Check this box if no longer subject to Section 16. Form 4 or

SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

Form 5

(Print or Type Responses)

1. Name and Address of Reporting Person * Krueger Christopher W			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer		
(Last) (First) (Middle) 4939 DIRECTORS PLACE			Ardea Biosciences, Inc./DE [RDEA] 3. Date of Earliest Transaction	(Check all applicable)		
			(Month/Day/Year) 05/17/2010	Director 10% Owner _X_ Officer (give title Other (specify below) SVP & CBO		
(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)	(Zip) Tab	le I - Non-	Derivative Sec	curities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securities omr Disposed of (Instr. 3, 4 ar (A	of (D) d 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)
Common Stock	05/17/2010		S <u>(1)</u>	1,145 D	23.1922 (2)	933 (3)	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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
	Ĭ				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						Ì
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date		Number		
						2.1010154010	2410		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Othe		

Krueger Christopher W 4939 DIRECTORS PLACE SAN DIEGO, CA 92121

SVP & CBO

Signatures

/s/ Christian Waage Attorney-in-fact for Christopher W.
Krueger

05/18/2010

**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) The sale of common stock reported in this Form 4 was effected pursuant to a Rule 10b5-1 plan dated as of June 5, 2009.
- (2) The range of sales prices received was \$22.82 to \$23.69. Upon request by the SEC staff, the issuer, or any security holder of the issuer, full information will be provided regarding the number of shares purchased or sold at each separate price.
- (3) Includes 1,145 shares acquired under the Ardea Biosciences, Inc. 2000 Employee Stock Purchase Plan on May 14, 2010.

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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