

Grais Linda S  
Form 4  
March 30, 2010

**FORM 4**

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

OMB APPROVAL

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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 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 \*  
Grais Linda S

(Last) (First) (Middle)

C/O INTERWEST PARTNERS, 2710 SAND HILL ROAD SECOND FLOOR

(Street)

MENLO PARK, CA 94025

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
ARCA biopharma, Inc. [ABIO]

3. Date of Earliest Transaction (Month/Day/Year)  
03/29/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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 (A) or (D)					
Common Stock	03/29/2010		S		23,600 (1)	D	\$ 7.98 (1)	679,098	I	By Partnership (3)
Common Stock	03/29/2010		S		187,209 (2)	D	\$ 7.3 (2)	491,889	I	by Partnership (3)

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

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SEC 1474 (9-02)

number.

**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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Own Follo Repor Trans (Instr
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director 10% Owner Officer Other

Grais Linda S  
C/O INTERWEST PARTNERS  
2710 SAND HILL ROAD SECOND FLOOR  
MENLO PARK, CA 94025

X

## Signatures

/s/ Linda S. 03/30/2010  
Grais

\*\*Signature of \_\_\_\_\_ Date \_\_\_\_\_  
Reporting Person

## 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).

The shares were sold at prices between \$7.90 and \$8.21 per share, resulting in an average price of \$7.98 per share. Upon request, the reporting person will provide to the SEC, the issuer or security holder of the issuer, full information regarding the number of shares sold at each price.

The shares were sold at prices between \$6.90 and \$7.89 per share, resulting in an average price of \$7.30 per share. Upon request, the Reporting Person will provide to the SEC, the issuer or security holder of the issuer, full information regarding the number of shares sold at each price.

These shares are owned directly by InterWest Partners IX, LP. Ms. Grais, one of ARCA's directors, is a venture member of InterWest Management Partners IX, LLC, the general partner of InterWest Partners IX, LP. Ms. Grais has shared voting and dispositive powers over the shares held by InterWest Partners IX, LP, and disclaims beneficial ownership of such shares except to the extent of her pro rata partnership interest therein.

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

## Edgar Filing: Grais Linda S - Form 4

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