ASELAGE STEVE Form 4 May 06, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number:

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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 See Instruction

1(b).

(Print or Type Responses)

1. Name and A ASELAGE	2. Issuer Name and Ticker or Trading Symbol BIOMARIN PHARMACEUTICAL INC [BMRN]					5	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
PHARMAC	Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) BIOMARIN 04/30/2008 IRMACEUTICAL INC., 105 ITAL DRIVE					Director 10% Owner String Officer (give title Other (specify below) below) SVP, Global Commercial Dev.						
NOVATO,	(Street) CA 94949		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 Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned							ly Owned		
1.Title of Security (Instr. 3)	2. Transaction Da (Month/Day/Year	e) Execution any	med n Date, if Day/Year)	3. 4. Securities Acquired fransaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5)			of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. 7. Nature of Ownership Indirect (D) or Beneficial (D) or Ownership Indirect (I) (Instr. 4)			
Common Stock	04/30/2008(1)			Code P	v V	Amount 1,526	(D)	Price \$ 10.37	(Instr. 3 and 4) 33,560	D		
Common Stock	05/02/2008			M		2,900	A	\$ 7.16	36,460	D		
Common Stock	05/06/2008			M		205	A	\$ 7.16	36,665	D		
Common Stock	05/06/2008			M		12,000	A	\$ 11.74	48,665	D		
	05/02/2008			S		3,800	D		44,865	D		

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Common Stock					\$ 37.75	
Common Stock	05/06/2008	S	16,200	D	\$ 37.75 28,665	D

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

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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 (Instr. 8)	5. Number of ctionDerivative Securities 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount o Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (I	D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Option (right to buy)	\$ 7.16	05/02/2008		M	2,9	900	07/01/2006(2)	06/30/2015	Common Stock	2,900
Stock Option (right to buy)	\$ 7.16	05/05/2008		M	20	05	07/01/2006(2)	06/30/2015	Common Stock	205
Stock Option (right to buy)	\$ 11.74	05/05/2008		M	12,	000	07/06/2006(3)	01/05/2016	Common Stock	12,000

Reporting Owners

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

ASELAGE STEVE C/O BIOMARIN PHARMACEUTICAL INC. 105 DIGITAL DRIVE NOVATO, CA 94949

SVP, Global Commercial Dev.

Reporting Owners 2

Signatures

G. Eric Davis, Attorney-in-Fact

05/06/2008

**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) Transaction made pursuant to the Employee Stock Purchase Plan.
- (2) Original option grant vested 12/36ths on 7/1/06 and 1/36th on the 1st of every month thereafter
- (3) Original option grant vested 6/48ths on 7/6/06 and 1/48th on the 6th of every month thereafter

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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