

ASELAGE STEVE

Form 4

May 14, 2010

FORM 4**UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549**

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

OMB APPROVAL

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(Print or Type Responses)

1. Name and Address of Reporting Person *
ASELAGE STEVE

2. Issuer Name **and** Ticker or Trading
Symbol
BIOMARIN PHARMACEUTICAL
INC [BMRN]

5. Relationship of Reporting Person(s) to
Issuer

(Check all applicable)

(Last) (First) (Middle)
C/O BIOMARIN
PHARMACEUTICAL INC., 105
DIGITAL DRIVE

3. Date of Earliest Transaction
(Month/Day/Year)
05/12/2010

____ Director ____ 10% Owner
X Officer (give title below) ____ Other (specify below)
EVP, Chief Business Officer

(Street)
NOVATO, 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

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	(A) or (D)	Price	
Common Stock	04/30/2010 ⁽¹⁾		A	V	1,532	A	\$ 11.6365 ⁽²⁾	21,387 D
Common Stock	05/12/2010		A		11,200	A	⁽³⁾	32,587 D

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

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information contained in this form are not
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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 (Instr. 8)	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)			
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (right to buy)	\$ 21.51	05/12/2010	05/12/2010	A		84,000		11/12/2010 ⁽⁴⁾	05/11/2020	Common Stock	84,000

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

EVP, Chief Business Officer

Signatures

/s/ G. Eric Davis,
Attorney-in-Fact 05/14/2010

**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 reporting person is voluntarily reporting the acquisition of shares of the issuer's Employee Stock Purchase Program ("ESPP"), for the ESPP purchase period of October 31, 2009 to April 30, 2010.
- (2) In accordance with ESPP, these shares have been purchased at 85% of the closing price of issuer's common stock on April 30, 2010.
- (3) Restricted stock units granted on May 12, 2010. Price not applicable.
- (4) Options vest 6/48ths on November 12, 2010 and 1/48th on the 12th of each 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.

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