

Mueller Brian
Form 4
May 12, 2011

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 *
Mueller Brian

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)
105 DIGITAL DRIVE
(Street)

3. Date of Earliest Transaction (Month/Day/Year)
05/12/2011

____ Director
 Officer (give title below) _____ Other (specify below)
VP, Corporate Controller

NOVATO, CA 94949
(City) (State) (Zip)

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

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)			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 Ownership (Instr. 4)	
				Code	V	Amount				(A) or (D)
Common Stock	04/29/2011 ⁽¹⁾	04/29/2011	A	V	1,501	A	\$ 11.6365	2,613	D	Indirect Beneficial Ownership (Instr. 4)
Common Stock	05/12/2011		M ⁽²⁾		812	A	\$ 0	3,425	D	Indirect Beneficial Ownership (Instr. 4)
Common Stock	05/12/2011		M ⁽³⁾		750	A	\$ 0	4,175	D	Indirect Beneficial Ownership (Instr. 4)

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

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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)	8. Price or Value of Underlying Securities (Instr. 3 and 4)
Restricted Stock Units	\$ 0	05/12/2011		M	812	05/12/2011 ⁽⁴⁾	Common Stock 812	\$
Restricted Stock Units	\$ 0	05/12/2011		M	750	05/12/2011 ⁽⁵⁾	Common Stock 750	\$

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Mueller Brian 105 DIGITAL DRIVE NOVATO, CA 94949			VP, Corporate Controller	

Signatures

/s/ Laura Randall Woodhead,
Attorney-in-Fact 05/12/2011

**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 common stock pursuant to the issuer's Employee Stock Purchase Plan ("ESPP"), for the ESPP purchase period of November 1, 2010 to April 29, 2011.
 - (2) Represents restricted stock units which automatically converted to common stock upon the vesting of such units on a one-to-one basis, pursuant to restricted stock units granted May 12, 2009.
 - (3) Represents restricted stock units which automatically converted to common stock upon the vesting of such units on a one-to-one basis, pursuant to restricted stock units granted May 12, 2010.

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(4) Original grant of restricted stock units vest 1/4th each on May 12, 2010, May 12, 2011, May 12, 2012, and May 12, 2013.

(5) Original grant of restricted stock units vest 1/4th each on May 12, 2011, May 12, 2012, May 12, 2013, and May 12, 2014.

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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