Mueller Brian
Form 4
May 14, 2012

FORM 4

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

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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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *
Mueller Brian

(Last) (First) (Middle)

105 DIGITAL DRIVE

(Street)

NOVATO, CA 94949

(City) (State) (Zip)

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

3. Date of Earliest Transaction (Month/Day/Year)
05/12/2012

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

5. Relationship of Reporting Person(s) to Issuer
(Check all applicable)

_____ Director _____ 10% Owner
__X__ Officer (give title below) _____ Other (specify below)
VP, Corporate Controller

6. Individual or Joint/Group Filing(Check Applicable Line)
_X_ 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	(A) or (D)	Price			
Common Stock	05/12/2012		M(1)		812	A	$ 0	14,496	D	
Common Stock	05/12/2012		M(2)		750	A	$ 0	15,246	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 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. Pri Deriv Secur (Instr
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	$ 0	05/12/2012		M		812		05/12/2012	(3)	Common Stock	812	$
Restricted Stock Units	$ 0	05/12/2012		M		750		05/12/2012	(4)	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	05/14/2012
**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) 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.

(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, 2010.

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

(4) 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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