Mueller Brian Form 4 May 10, 2012

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

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(b).

(Last)

1. Name and Address of Reporting Person * Mueller Brian

(First) (Middle)

105 DIGITAL DRIVE

(Street)

2. Issuer Name and Ticker or Trading

Symbol

BIOMARIN PHARMACEUTICAL INC [BMRN]

3. Date of Earliest Transaction

(Month/Day/Year) 04/30/2012

4. If Amendment, Date Original

Filed(Month/Day/Year)

Form filed by More than One Reporting Person

Issuer

below)

Director

Applicable Line)

_X__ Officer (give title

NOVATO, CA 94949

(City)	(State)	(Zip) Tab	ole I - Non-l	Derivative	Secur	ities Acqui	red, Disposed of,	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	n Date, if Transactionor Disposed of (D) Code (Instr. 3, 4 and 5)		Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	04/30/2012(1)	04/30/2012	A V	664	A	\$ 19.346	8,964	D	
Common Stock	05/08/2012		A	4,720	A	(2)	13,684	D	
Common Stock	05/08/2012	05/08/2012	M	10,000	A	\$ 11.74	23,684	D	
Common Stock	05/08/2012	05/08/2012	M	417	A	\$ 17.54	24,101	D	
Common Stock	05/08/2012	05/08/2012	M	4,291	A	\$ 17.33	28,392	D	

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response...

5. Relationship of Reporting Person(s) to

(Check all applicable)

VP, Corporate Controller

6. Individual or Joint/Group Filing(Check

X Form filed by One Reporting Person

10% Owner Other (specify

Estimated average

burden hours per

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Common Stock	05/08/2012	05/08/2012	M	625	A	\$ 17.89	29,017	D
Common Stock	05/08/2012	05/08/2012	M	375	A	\$ 17.89	29,392	D
Common Stock	05/08/2012	05/08/2012	S	15,708	D	\$ 37.5	13,684	D

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

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(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

Derivativ Security	e Conversion or Exercise Price of Derivative	(Month/Day/Year)	Execution Date, if	Transacu				7. Title and Am		
(Instr. 3)	Security		any (Month/Day/Year)	TransactionDerivative Code Securities Acquired (Instr. 8) (A) or Disposed of (D) (Instr. 3, 4, and 5)		Expiration Date (Month/Day/Year)		Underlying Section (Instr. 3 and 4)		
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	A or N of
Stock Option (right to buy)	\$ 0	05/08/2012		A	11,800		11/08/2012(3)	05/08/2021	Common Stock	1
Stock Option (right to buy)	\$ 0	05/08/2012	05/08/2012	M		10,000	01/06/2006(4)	01/06/2016	Common Stock	1
Stock Option (right to buy)	\$ 0	05/08/2012	05/08/2012	M		417	05/20/2007(5)	11/19/2016	Common Stock	
Stock Option (right to buy)	\$ 0	05/08/2012	05/08/2012	M		4,291	12/07/2007(6)	06/06/2017	Common Stock	4
Stock Option (right to buy)	\$ 0	05/08/2012	05/08/2012	M		675	12/27/2007(7)	06/26/2017	Common Stock	
Stock	\$0	05/08/2012	05/08/2012	M		375	12/27/2007(7)	06/26/2017	Common	

Option Stock (right to

buy)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Mueller Brian

105 DIGITAL DRIVE VP, Corporate Controller NOVATO, CA 94949

Signatures

/s/ Laura Randall Woodhead, Attorney-in-Fact 05/10/2012

**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) 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, 2011 to April 30, 2012.
- (2) Restricted stock units granted May 8, 2012. Price not applicable.
- (3) Option vests 6/48ths on November 8, 2012 and 1/48th on the 8th of each month thereafter.
- (4) Original option grant vests 6/48th on July 6, 2006 and 1/48th on the 6th of each month thereafter.
- (5) Original option grant vests 6/48th on May 20, 2007 and 1/48th on the 6th of each month thereafter.
- (6) Original option grant vests 6/48th on December 7, 2007 and 1/48th on the 6th of each month thereafter.
- (7) Original option grant vests 6/48th on December 27, 2007 and 1/48th on the 6th 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. 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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