

Mueller Brian  
Form 4  
May 10, 2012

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2015  
Estimated average burden hours per response... 0.5

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)  
04/30/2012

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 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) (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 Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price
Common Stock	04/30/2012 <sup>(1)</sup>	04/30/2012	A	V	664	A	\$ 19.346
Common Stock	05/08/2012		A		4,720	A	13,684
Common Stock	05/08/2012	05/08/2012	M		10,000	A	\$ 11.74
Common Stock	05/08/2012	05/08/2012	M		417	A	\$ 17.54
Common Stock	05/08/2012	05/08/2012	M		4,291	A	\$ 17.33
							23,684
							24,101
							28,392

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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.

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

SEC 1474  
(9-02)

**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 Security (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of
Stock Option (right to buy)	\$ 0	05/08/2012		A	11,800	11/08/2012 <sup>(3)</sup>	05/08/2021	Common Stock	1
Stock Option (right to buy)	\$ 0	05/08/2012	05/08/2012	M	10,000	01/06/2006 <sup>(4)</sup>	01/06/2016	Common Stock	10,000
Stock Option (right to buy)	\$ 0	05/08/2012	05/08/2012	M	417	05/20/2007 <sup>(5)</sup>	11/19/2016	Common Stock	417
Stock Option (right to buy)	\$ 0	05/08/2012	05/08/2012	M	4,291	12/07/2007 <sup>(6)</sup>	06/06/2017	Common Stock	4,291
Stock Option (right to buy)	\$ 0	05/08/2012	05/08/2012	M	675	12/27/2007 <sup>(7)</sup>	06/26/2017	Common Stock	675
Stock	\$ 0	05/08/2012	05/08/2012	M	375	12/27/2007 <sup>(7)</sup>	06/26/2017	Common	375

Option  
(right to  
buy)

Stock

## 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	05/10/2012
__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.