BIOMARIN PHARMACEUTICAL INC

04/02/2008(1)

04/02/2008

S

497

D

\$ 37.06 46,480

D

Form 4 April 04, 2008

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

3235-0287

January 31,

2005

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *_BAFFI ROBERT			2. Issuer Name and Ticker or Trading Symbol BIOMARIN PHARMACEUTICAL INC [BMRN]					5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last) C/O BIOMA PHARMAC DIGITAL D	3. Date of Earliest Transaction (Month/Day/Year) 04/02/2008					Director 10% Owner Officer (give title Other (specify below) SVP, Technical Operations						
NOVATO,		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	e I - Non-D) erivative	Secur	ities Acqu	ired, Disposed of	, or Beneficiall	ly Owned		
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution D any (Month/Day)	ate, if	3. Transaction Code (Instr. 8)	(Instr. 3,	spose	d 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 Indirect Beneficial Ownership (Instr. 4)		
Common Stock	04/02/2008(1)	04/02/200	8	S	1,400	D D	\$ 37.02	49,077	D			
Common Stock	04/02/2008(1)	04/02/200	8	S	1,400	D	\$ 37.03	47,677	D			
Common Stock	04/02/2008(1)	04/02/200	8	S	100	D	\$ 37.04	47,577	D			
Common Stock	04/02/2008(1)	04/02/200	8	S	600	D	\$ 37.05	46,977	D			
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Common Stock							
Common Stock	04/02/2008(1)	04/02/2008	S	200	D	\$ 37.07 46,280	D
Common Stock	04/02/2008(1)	04/02/2008	S	100	D	\$ 37.08 46,180	D
Common Stock	04/02/2008(1)	04/02/2008	S	1,100	D	\$ 37.09 45,080	D
Common Stock	04/02/2008(1)	04/02/2008	S	1,000	D	\$ 37.1 44,080	D
Common Stock	04/02/2008(1)	04/02/2008	S	600	D	\$ 37.11 43,480	D
Common Stock	04/02/2008(1)	04/02/2008	S	514	D	\$ 37.12 42,966	D
Common Stock	04/02/2008(1)	04/02/2008	S	1,269	D	\$ 37.13 41,697	D
Common Stock	04/02/2008(1)	04/02/2008	S	901	D	\$ 37.14 40,796	D
Common Stock	04/02/2008(1)	04/02/2008	S	1,900	D	\$ 37.15 38,896	D
Common Stock	04/02/2008(1)	04/02/2008	S	2,000	D	\$ 37.16 36,896	D
Common Stock	04/02/2008(1)	04/02/2008	S	1,200	D	\$ 37.17 35,696	D
Common Stock	04/02/2008(1)	04/02/2008	S	116	D	\$ 37.18 35,580	D
Common Stock	04/02/2008(1)	04/02/2008	S	300	D	\$ 37.22 35,280	D
Common Stock	04/02/2008(1)	04/02/2008	S	100	D	\$ 37.221 35,180	D
Common Stock	04/02/2008(1)	04/02/2008	S	300	D	\$ 37.23 34,880	D
Common Stock	04/02/2008(1)	04/02/2008	S	100	D	\$ 37.232 34,780	D
Common Stock	04/02/2008(1)	04/02/2008	S	100	D	\$ 37.26 34,680	D

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

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SEC 1474 (9-02)

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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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration Date		Amount of		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	3 and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A manuat		
									Amount		
						Date	Expiration		Or Number		
						Exercisable Date	Date	Title Number			
				C + V	(A) (D)						
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BAFFI ROBERT C/O BIOMARIN PHARMACEUTICAL INC. 105 DIGITAL DRIVE NOVATO, CA 94949

SVP, Technical Operations

Signatures

/s/ G. Eric Davis, Attorney-in-Fact 04/04/2008

**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) Transaction made pursuant to a Rule 10b5-1 Trading Plan.

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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