BIOMARIN PHARMACEUTICAL INC

04/01/2008(1)

04/01/2008

S

400

D

\$ 36.13

94,664

D

Form 4 April 02, 2008

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

Check this box

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

See Instruction 1(b).

(Print or Type Responses) 1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading KAKKIS EMIL D Issuer Symbol **BIOMARIN PHARMACEUTICAL** (Check all applicable) INC [BMRN] (Last) (First) (Middle) 3. Date of Earliest Transaction Director 10% Owner X_ Officer (give title Other (specify (Month/Day/Year) below) C/O BIOMARIN 04/01/2008 Chief Medical Officer PHARMACEUTICAL INC., 105 DIGITAL DRIVE (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting NOVATO, CA 94949 (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired (A) 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transactionr Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Beneficial (Month/Day/Year) (Instr. 8) Owned Direct (D) Ownership or Indirect **Following** (Instr. 4) Reported (A) Transaction(s) (Instr. 4) (Instr. 3 and 4) Code V (D) Price Amount Common 04/01/2008(1) 04/01/2008 S 57 \$ 36 95,964 D D Stock Common 04/01/2008(1) S 200 D \$ 35.99 D 04/01/2008 95,764 Stock Common 04/01/2008(1) 200 D 04/01/2008 S D \$ 35.93 95,564 Stock Common 04/01/2008(1) 04/01/2008 S 500 D \$ 35.92 95,064 D Stock

Edgar Filing: BIOMARIN PHARMACEUTICAL INC - Form 4

Common Stock								
Common Stock	04/01/2008(1)	04/01/2008	S	200	D	\$ 36.11	94,464	D
Common Stock	04/01/2008(1)	04/01/2008	S	300	D	\$ 36.09	94,164	D
Common Stock	04/01/2008(1)	04/01/2008	S	200	D	\$ 36.1213	93,964	D
Common Stock	04/01/2008(1)	04/01/2008	S	200	D	\$ 36.0898	93,764	D
Common Stock	04/01/2008(1)	04/01/2008	S	1,300	D	\$ 35.91	92,464	D
Common Stock	04/01/2008(1)	04/01/2008	S	500	D	\$ 35.9	91,964	D
Common Stock	04/01/2008(1)	04/01/2008	S	200	D	\$ 35.89	91,764	D
Common Stock	04/01/2008(1)	04/01/2008	S	100	D	\$ 35.9656	91,664	D
Common Stock	04/01/2008(1)	04/01/2008	S	269	D	\$ 35.87	91,395	D
Common Stock	04/01/2008(1)	04/01/2008	S	100	D	\$ 35.8965	91,295	D
Common Stock	04/01/2008(1)	04/01/2008	S	100	D	\$ 35.9171	91,195	D
Common Stock	04/01/2008(1)	04/01/2008	S	700	D	\$ 35.81	90,495	D
Common Stock	04/01/2008(1)	04/01/2008	S	1,162	D	\$ 35.86	89,333	D
Common Stock	04/01/2008(1)	04/01/2008	S	100	D	\$ 35.8702	89,233	D
Common Stock	04/01/2008(1)	04/01/2008	S	100	D	\$ 35.8754	89,133	D
Common Stock	04/01/2008(1)	04/01/2008	S	569	D	\$ 35.88	88,564	D
Common Stock	04/01/2008(1)	04/01/2008	S	200	D	\$ 35.8659	88,364	D
Common Stock	04/01/2008(1)	04/01/2008	S	200	D	\$ 35.8585	88,164	D
Common Stock	04/01/2008(1)	04/01/2008	S	100	D	\$ 35.8183	88,064	D
	04/01/2008(1)	04/01/2008	S	800	D	\$ 35.85	87,264	D

Edgar Filing: BIOMARIN PHARMACEUTICAL INC - Form 4

Common Stock									
Common Stock	04/01/2008(1)	04/01/2008	S	400	D	\$ 35.82	86,864	D	
Common Stock	04/01/2008(1)	04/01/2008	S	700	D	\$ 35.71	86,164	D	
Common Stock							4,654	I	Shares held by spouse

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

(9-02)

9. Nu Deriv Secu Bene Own Follo Repo Trans (Insti

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
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transact	ionNumber	Expiration Da	ate	Amour	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)) Derivativo	e		Securit	ies	(Instr. 5)
	Derivative				Securities			(Instr. :	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date	Expiration		or	
							Date		Number	
									of	
				Code V	I (A) (D)				Shares	

Reporting Owners

Relationships Reporting Owner Name / Address

Other Director 10% Owner Officer

KAKKIS EMIL D C/O BIOMARIN PHARMACEUTICAL INC. 105 DIGITAL DRIVE **NOVATO, CA 94949**

Chief Medical Officer

Signatures

/s/ G. Eric Davis, 04/02/2008 Attorney-in-Fact

**Signature of Reporting Person Date

Reporting Owners 3

Edgar Filing: BIOMARIN PHARMACEUTICAL INC - Form 4

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.