

Davis George Eric
 Form 4
 March 04, 2008

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL
 OMB Number: 3235-0287
 Expires: January 31, 2005
 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 *
 Davis George Eric

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

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)
 ___ Director ___ 10% Owner
 Officer (give title below) ___ Other (specify below)
 VP, General Counsel

(Last) (First) (Middle)
 C/O BIOMARIN
 PHARMACEUTICAL INC., 105
 DIGITAL DRIVE
 (Street)

3. Date of Earliest Transaction
 (Month/Day/Year)
 03/03/2008

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. 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) | | | |
|---------------------------------|--------------------------------------|--|--------------------|---|---|--|-----------------------------------|--------|---|--|
| | | | | (A) or (D) | Price | | | | | |
| | | | Code | V | Amount | | | | | |
| Common Stock | 03/03/2008 | | M | | 16,000 | A | \$ 7.84 | 19,397 | D | |
| Common Stock | 03/03/2008 | | M | | 4,000 | A | \$ 6.13 | 23,397 | D | |
| Common Stock | 03/03/2008 | | S | | 20,000 | D | \$ 38 | 3,397 | 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

SEC 1474 (9-02)

required to respond unless the form displays a currently valid OMB control number.

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) | Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|
| Stock Option (right to buy) | \$ 7.84 | 03/03/2008 | | M | 16,000 | 09/15/2004 ⁽¹⁾ 03/14/2014 | Common Stock | 16,000 |
| Stock Option (right to buy) | \$ 6.13 | 03/03/2008 | | M | 4,000 | 07/07/2005 ⁽²⁾ 01/06/2015 | Common Stock | 4,000 |

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

Davis George Eric
C/O BIOMARIN PHARMACEUTICAL INC.
105 DIGITAL DRIVE
NOVATO, CA 94949

VP, General Counsel

Signatures

/s/ G. Eric Davis 03/04/2008

**Signature of Date
Reporting Person

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) 1. Original option grant vested 6/48ths on 9/15/2004 and 1/48th on the 15th of every month thereafter.

(2) 1. Original option grant vested 6/48ths on 7/7/2005 and 1/48th on the 7th of every 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.