MEDICINES CO/DE

Form 4 May 31, 2016

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

Number: 3235-0287

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

obligations

may continue.

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 ESHELMAN FREDRIC N Issuer Symbol MEDICINES CO /DE [MDCO] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner Officer (give title Other (specify 8 SYLVAN WAY 05/26/2016 (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 PARSIPPANY, NJ 07054 Person

(City)	(State) (Z	Zip) Table	I - Non-De	erivative S	Securi	ties Ac	quired, Disposed	of, or Beneficial	lly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securi		or	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)		any Code Disposed of (D) (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5)		′	Beneficially Owned Following	(D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	05/26/2016		A	3,426 (1)	A	\$ 0	303,426	D	
Common Stock							944,537	I	See footnote (2)

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)

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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. Transactio Code (Instr. 8)	5. Number of orDerivative 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 Underlying Securition (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Stock Option (right-to-buy)	\$ 37.22	05/26/2016		A	14,700	(3)	05/26/2026	Common Stock	14,7

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer Other				
ESHELMAN FREDRIC N 8 SYLVAN WAY PARSIPPANY, NJ 07054	X						

Signatures

/s/ Stephen M. Rodin, Attorney-in-Fact for Fredric N. Eshelman

05/31/2016

**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) This restricted stock award vests on May 26, 2017 and is made as part of and pursuant to Issuer's director compensation package.
- (2) These shares of the issuer's common stock are owned by Eshelman Ventures, LLC, an entity wholly owned by the reporting person.
- (3) This option vests in one installment on May 26, 2017 and is made as part of and pursuant to Issuer's director compensation package. 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.

Reporting Owners 2