## FORM 4

obligations may continu

Instruction 1(b).

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549
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Check this box if no longer subject to	STATEMENT OF CHANGES IN BENEFICIAL O	WNERSHIP
Section 16. Form 4 or Form 5		
obligations may continue. See		

OMB APPROVAL OMB Number: Estimated average burden hours per response: 0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Name and Address of Reporting Person*     Dorsch Marion					2. Issuer Name <b>and</b> Ticker or Trading Symbol Blueprint Medicines Corp [ BPMC ]									Check	tionship of Reportin all applicable) Director Officer (give title		109	o Issuer 6 Owner er (specify	
(Last) (First) (Middle) C/O BLUEPRINT MEDICINES CORPORATION 38 SIDNEY STREET, SUITE 200				3. Date of Earliest Transaction (Month/Day/Year) 11/21/2017									X	belov	N) .	bel ntific Office	ow)		
(Street) CAMBR (City)	IDGE M	Α (	)2139 Zip)			4. If Amendment, Date of Original Filed (Month/Day/Year) 11/22/2017						. Indiv ine) X	,						
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3)  2. Transact Date (Month/Day				Execution Date,				es Acquired (A) o Of (D) (Instr. 3, 4 a			and 5) Secu Bend Own		icially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	of Indirect				
									Code	v	Amount	(A) or (D) Pric		Price		Reported Transaction(s) (Instr. 3 and 4)			(11150.4)
Common	Common Stock 11/.			11/21/2	1/2017				S <sup>(1)</sup>		500 <sup>(2)</sup>	D \$64		\$64.4	44 <sup>(3)</sup> 0		D		
	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. Deen Executio if any (Month/E	on Date,	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exerc Expiration Da (Month/Day/Y		te	7. Title and Amount of Securities Underlying Derivative Security (Inst and 4)		nstr. 3	Deriv Secu	Price of rivative curity str. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction( (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership ct (Instr. 4)
					Codo	v	(0)	(n)	Date	abla	Expiration	Title	Nu of	ımber					

## **Explanation of Responses:**

- 1. The sales reported on this Form 4/A were effected pursuant to a trading plan adopted on June 22, 2017 pursuant to Rule 10b5-1 under the Securities Exchange Act of 1934, as amended.
- 2. This amendment is being filed solely to correct the fact that the original filing inadvertently stated that these securities were acquired, rather than disposed of.
- 3. The price reported is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$64.42 to \$64.51 per share. The Reporting Person undertakes to provide to the Issuer, any security holder of the Issuer or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges.

/s/ Christopher Frankenfield, Attorney-in-Fact

11/24/2017

\*\* Signature of Reporting Person

Date

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

- \* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.