FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Washington, D.C. 20349

STATEMENT	OF CHAI	NGES IN B	ENEFICIAL	OWNERSHIP

OMB APPROVAL

OMB Number: 3235-0287

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).

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 and Ticker or Trading Symbol Blueprint Medicines Corp [BPMC]												ationship of Reporting (all applicable) Director Officer (give title		g Per	10% Owner Other (specify		
(Last) (First) (Middle) C/O BLUEPRINT MEDICINES CORPORATION 45 SIDNEY STREET			12/	3. Date of Earliest Transaction (Month/Day/Year) 12/19/2019											below) below) Chief Scientific Officer						
(Street)	IDGE M	[A	02139		4. If	4. If Amendment, Date of Original Filed (Month/Day/Yea						ear)		Indivi ne) X	,						
(City)	(S	tate)	(Zip)																		
		Tab	le I - Nor	n-Deriv	ative	Se	curiti	ies Ac	quir	ed, C	Disp	osed c	of, o	r Ber	eficia	lly (Owned	l			
Da		Date	2. Transaction Date Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)		Code (Instr.		4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 5)				4 and Securit		es ally Following	Forn (D) o	vnership n: Direct or Indirect nstr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
								Co	de \	/	Amount		(A) or (D)	Price		Transaction(s) (Instr. 3 and 4)				(11150.1.4)	
Common Stock 12/19			/2019	2019		M	(1)		4,600)	A	\$37.1		4,600		D					
Common Stock 12/1			12/19	/2019	2019			S	(1)		4,600	D \$7		9	0			D			
		Т	able II -									sed of onverti				y Oı	wned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deeme Execution if any (Month/Day	Date, Trans			ı of E		Expira	. Date Exercisa xpiration Date Month/Day/Yea			7. Title and Amount of Securities Underlying Derivative Secu (Instr. 3 and 4)		Security	De Se	B. Price of Derivative Gecurity Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	i lly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date Exerc	isable		xpiration ate	Title		Amount or Number of Shares						
Stock Option (Right to	\$37.11	12/19/2019			M ⁽¹⁾			4,600	(2)	1:	1/21/2026		nmon tock	4,600		\$0	66,400		D	

Explanation of Responses:

- $1.\ Effected\ pursuant\ to\ a\ trading\ plan\ adopted\ on\ April\ 3,\ 2019\ pursuant\ to\ Rule\ 10b5-1\ under\ the\ Securities\ Exchange\ Act\ of\ 1934,\ as\ amended.$
- 2. This option was granted on November 21, 2016. This option vested with respect to 25% of the shares underlying the option on November 21, 2017 and vests as to an additional 1/48th of the shares underlying the option each month thereafter.

/s/ Christopher Frankenfield, Attorney-in-Fact

12/23/2019

** 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.