FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

1	OMB APPROVAL									
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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	r Seci	tion 30	(n) of the	investme	ent Co	ompany Act	of 1940							
Name and Address of Reporting Person*     Albers Jeffrey W.							2. Issuer Name <b>and</b> Ticker or Trading Symbol Blueprint Medicines Corp [ BPMC ]								of Reportin cable) or	ng Person(s) to Issuer			
(Last) (First) (Middle) C/O BLUEPRINT MEDICINES CORPORATION 45 SIDNEY STREET					03	3/23/:	2020		`		/Day/Year)		X Director 10% Owner  X Officer (give title below)  CEO and President						
(Street) CAMBRIDGE MA 02139						If Am	endme	nt, Date (	of Origina	al File	d (Month/Da		Individual or Joint/Group Filing (Check Applicable ne)  X Form filed by One Reporting Person Form filed by More than One Reporting Person						
(City)	(S	tate)	(Zip)	n Dori	votiv.		i	tion An	auirad		22224	of or Do	noficio	Ily Oumos					
Table I - Non-Deriv  1. Title of Security (Instr. 3)  2. Transac Date (Month/Date)					action	ction 2A. Deemed Execution Date,		2A. Deemed Execution Date, if any		3. 4. Secur Transaction Dispose		ties Acquired (A) or d Of (D) (Instr. 3, 4 and		5. Amou Securiti Benefic Owned	5. Amount of		Direct Indirect Istr. 4)	7. Nature of Indirect Beneficial Ownership	
								Code	v	Amount (A) or (D)		Price	Transac (Instr. 3	tion(s)			(Instr. 4)		
Common Stock					03/23/2020				M		20,000	A	\$1.87		1,434	34 D			
Common Stock					03/23/2020				M <sup>(1)</sup>		80	A	\$1.87		1,514		D		
Common Stock					03/23/2020				M <sup>(1)</sup>		19,920	A	\$8.8 16		1,434		D		
Common Stock				03/23	03/23/2020				S <sup>(1)</sup>		484	D	\$55.3	4 <sup>(2)</sup> 16	0,950		D		
Common Stock					03/23/2020				S <sup>(1)</sup>		3,293	D	\$54.6	2 <sup>(3)</sup> 15	7,657	D			
Common Stock 03/23					/2020				S <sup>(1)</sup>		1,936	D	\$53.5	155,721		D			
Common Stock 03/23/					3/2020	′2020					2,100	D	\$52.1	1 <sup>(5)</sup> 15	3,621	D			
Common Stock 03/23/2						2020			S <sup>(1)</sup>		8,850	D	\$51.3	14	44,771		D		
Common Stock 03/23/2						2020		S <sup>(1)</sup>		3,337	D	D \$50.4 <sup>(7)</sup>		141,434		D			
		•	Table II -								osed of, convertil			y Owned					
1. Title of Derivative Security (Instr. 3)	2. 3. Transaction Date (Month/Day/YerPrice of Pricy ative Security		3A. Deem Execution if any (Month/Da	n Date,	4. Transa Code ( 8)				6. Date Exercis Expiration Date (Month/Day/Ye		te	7. Title an of Securit Underlyin Derivative (Instr. 3 ar	ies g Security	8. Price of Derivative Security (Instr. 5)	9. Numbe derivative Securities Beneficia Owned Following Reported Transacti (Instr. 4)	e (	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisa	able	Expiration Date	Title	Amount or Number of Shares	1					
Stock Option (Right to Buy)	\$1.87	03/23/2020			М			20,000	(8)		07/30/2024	Common Stock	20,000	\$0	173,90	)3	D		
Stock Option (Right to Buy)	\$1.87	03/23/2020			M <sup>(1)</sup>			80	(8)		07/30/2024	Common Stock 8		\$0	0		D		
Stock Option (Right to Buy)	\$8.8	03/23/2020			M <sup>(1)</sup>			19,920	(9)		02/10/2025	Common Stock	19,920	\$0	87,17	0	D		

## **Explanation of Responses:**

- 1. Effected pursuant to a trading plan adopted on December 11, 2018 pursuant to Rule 10b5-1 under the Securities Exchange Act of 1934, as amended.
- 2. The price reported is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$55.25 to \$55.43 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 set forth in footnotes (2) through (7) to this Form 4.
- $3. \ The price reported is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$54.15 to \$55.04 per share.$
- 4. The price reported is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$53.06 to \$53.93 per share.
- $5. \ The price reported is a weighted average price. These shares were sold in multiple transactions at prices ranging from $51.84 to $52.805 per share.$
- 6. The price reported is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$50.84 to \$51.82 per share.
- $7. \ The price reported is a weighted average price. These shares were sold in multiple transactions at prices ranging from $49.83 to $50.74 per share.$
- 8. This option was granted on July 30, 2014 and is fully vested.
- 9. This option was granted on February 10, 2015 and is fully vested.

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

- $^{\star}$  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.

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