FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549	Washington,	D.C.	20549	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL									
OMB Number: 3235-0287									
Estimated average burden									
hours per response	: 0.5								

	tion 1(b).	inue. See		File					a) of the Se Investment					34		nours	per re	sponse:	0.5	
Name and Address of Reporting Person*     Goldberg Mark Alan					2. Iss	2. Issuer Name and Ticker or Trading Symbol Blueprint Medicines Corp [ BPMC ]								(Cr	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  X Director 10% Owner					
(Last)	(F	First)	(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 06/21/2023										r (give title		Other (s		
C/O BLUEPRINT MEDICINES CORPORATION 45 SIDNEY STREET					4. If A	4. If Amendment, Date of Original Filed (Month/Day/Year)								Lin	,					
(Street) CAMBRIDGE MA 02139					X Form filed by One Reporting Person Form filed by More than One Reporting Person															
(City)	(5	State)	(Zip)			Rule 10b5-1(c) Transaction Indication  Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.									led to					
		Tabl	e I - Noi	n-Deriv	ative	Sec	uritie	s Ac	quired, I	Disp	osed	of, oı	r Ben	eficia	lly Owne	d				
1. Title of Security (Instr. 3) 2. Transac Date (Month/Da					ay/Year) Exect if any (Mont		2A. Deemed Execution Date, if any (Month/Day/Year		Transaction Dispose Code (Instr. 5)		urities Acquired (A sed Of (D) (Instr. 3			d Securiti Benefic Owned	5. Amount of Securities Beneficially Owned Following		n: Direct r Indirect istr. 4)	7. Nature of Indirect Beneficial Ownership		
									Code	v	Amoun		(A) or (D) Price		Reported Transaction(s) (Instr. 3 and 4)				(Instr. 4)	
Common	Common Stock 06/21								A <sup>(1)</sup>		2,60	00	A	\$0	16	,012		D		
		Т							uired, Di s, option						/ Owned					
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	e (Month/Day/Year)	Execution Da	n Date,	ate, Transaction Code (Instr.				6. Date Exe Expiration (Month/Day	Amour Securi Under Deriva		7. Title and Amount of Securities Underlying Derivative Securit (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	Owner Form: Direct or Indi (I) (Ins	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
					Code	v	(A)	(D)	Date Exercisable		piration ate	Title	0 N 0	umber						
Stock																				

## **Explanation of Responses:**

(Right to

Buy)

\$63.66

1. The reported transaction involved the Reporting Person's receipt of a grant of restricted stock units. The restricted stock units vest with respect to 100% of the shares underlying the restricted stock units on the earlier of (i) the next annual meeting of the Issuer's stockholders and (ii) June 21, 2024. Each restricted stock unit represents a contingent right to receive one share of the Issuer's common stock.

06/21/2033

2. This option vests with respect to 100% of the shares underlying the option on the earlier of (i) June 21, 2024 and (ii) the next annual meeting of the Issuer's stockholders.

5,300

/s/ Melissa Masse

\*\* Signature of Reporting Person

5,300

Stock

**\$0** 

5,300

D

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).

06/21/2023

\*\* 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.

## LIMITED POWER OF ATTORNEY

The undersigned hereby constitutes and appoints each of Michael Landsittel, Ariel Hurley and Christopher Frankenfield, and each of them individually, and with full power of substitution, the undersigned's true and lawful attorney-in-fact to:

- (1) Complete and execute for and on behalf of the undersigned, in the undersigned's capacity as an officer, director and/or ten percent (10%) shareholder of Blueprint Medicines Corporation, a Delaware corporation (the "Company") any and all instruments, certificates and documents required to be executed on behalf of the undersigned as an individual or on behalf of the undersigned's company or partnership, as the case may be, pursuant to Section 13 and Section 16 of the Securities Exchange Act of 1934, as amended (the "Exchange Act") or the rules and regulations thereunder;
- (2) Do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such instruments, certificates or documents required to be filed pursuant to Sections 13 and 16 of the Exchange Act or the rules or regulations thereunder and timely file such forms with the United States Securities and Exchange Commission and any stock exchange or similar authority; and
- (3) Take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-in-fact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by any such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in such attorney-in-fact's discretion.

The undersigned hereby grants to each such attorney-in-fact, acting singly, full power and authority to do and perform any and every act which is necessary, proper or desirable to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution or revocation, hereby ratifying and confirming all that any such attorney-in-fact, or any such attorney-in-fact's substitute or substitutes, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted.

The undersigned acknowledges that each of the foregoing attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with Section 13 or Section 16 of the Exchange Act or the rules or regulations thereunder. The undersigned hereby agrees to indemnify each attorney-in-fact and the Company from and against any demand, damage, loss, cost or expense arising from any false or misleading information provided by the undersigned to such attorney-in fact.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file any instruments, certificates and documents pursuant to Section 13 and 16 of the Exchange Act or the rules or regulations thereunder with respect to the undersigned's

holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of June 23, 2016.

By: /s/ Mark Goldberg

Name: Mark Goldberg