FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See	STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP
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

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

Name and Address of Reporting Person*     Lydon Nicholas						2. Issuer Name <b>and</b> Ticker or Trading Symbol Blueprint Medicines Corp [ BPMC ]									Relationship eck all appl X Direct	icable)	ng Pei	rson(s) to Is	
(Last)	`		(Middle)			3. Date of Earliest Transaction (Month/Day/Year) 06/21/2023										Officer (give title below)		Other (s below)	specify
C/O BLUEPRINT MEDICINES CORPORATION 45 SIDNEY STREET				4. If A	4. If Amendment, Date of Original Filed (Month/Day/Year)										Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person				
(Street) CAMBRIDGE MA 02139					Form filed by More than One Reportin Person												orting		
(City) (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.														
		Tabl	e I - No	n-Deriv	ative	Sec	curitie	s Ac	quired, E	Disp	osed (	of, or	Ben	eficia	lly Owne	d			
1. Title of Security (Instr. 3)  2. Transac Date (Month/Da					Execution Date ay/Year) if any		Execution Date,		3. Transaction Code (Instr. 8)		4. Securities Acquired (ADisposed Of (D) (Instr. 35)			Benefic	ies ially Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership	
									Code	v	Amoun		(A) or (D)	Price	Transac (Instr. 3	tion(s)			(Instr. 4)
Common Stock 06/21/2					1/2023				A <sup>(1)</sup>		2,600 A		\$0	55	55,784		D		
		Ta							uired, Di						/ Owned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deem Execution if any (Month/D	n Date,	4. Transactio Code (Inst				6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)			8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	ly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
					Code	v	(A)	(D)	Date Exercisable	Ex Da	piration te	Title	O N O	umber					
Stock Option	\$63.66	06/21/2023			A		5,300		(2)	06	/21/2033	Comm	non	5,300	\$0	5,300		D	

## **Explanation of Responses:**

(Right to

Buy)

- 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) June 21, 2024 and (ii) the next annual meeting of the Issuer's stockholders. Each restricted stock unit represents a contingent right to receive one share of the Issuer's common stock.
- 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.

/s/ Melissa Masse

Stock

\*\* Signature of Reporting Person

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.