Instruction 1(b).

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

STATEMENT OF	CHANGES IN	BENEFICIAL	OWNERSHIP

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*						2. Issuer Name and Ticker or Trading Symbol Blueprint Medicines Corp [BPMC]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
Seely Lynn					uc p			11100 001	P- L	21110	1		X	Directo	r		10% Ow	ner	
(Last)	`	irst) MEDICINES CC	(Middle)	ION		3. Date of Earliest Transaction (Month/Day/Year) 06/23/2016									Officer below)	(give title		Other (s below)	pecify
38 SIDNEY STREET, SUITE 200						4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable					
(Street) CAMBRIDGE MA 02139			- -									Line) X	X Form filed by One Reporting Person Form filed by More than One Reporting Person						
(City)	(S	tate)	(Zip)																
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
1. Title of Security (Instr. 3) 2. Transac Date (Month/Date)					Execution Date,		3. Transaction Code (Instr. 3, 4) 5) 8) 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4)				4 and Securitie Beneficia		s ally ollowing	Form (D) or	orm: Direct D) or Indirect) (Instr. 4)	7. Nature of Indirect Beneficial Ownership			
										,	Amount	(A) o (D)	r Pri	rice Reporte Transac (Instr. 3		tion(s)		[Instr. 4)
	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. Deemed Execution Date if any (Month/Day/Ye	Date,	Code (Instr		n of E		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amoun of Securities Underlying Derivative Security (Instr. 3 and 4)		1	3. Price of Derivative Security Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactic (Instr. 4)	is Silly	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)	
					Code	v	(A)		Date Exercisable		xpiration ate	Title	Amor or Numl of Share	ber					
Stock Option (Right to Buy)	\$19.53	06/23/2016			A		10,909		(1)	06	5/23/2026	Common Stock	10,9	009	\$0	32,72	7	D	

Explanation of Responses:

1. This option vests with respect to 100% of the shares underlying the option on the earlier of (i) the next annual meeting of the Issuer's stockholders and (ii) June 23, 2017.

/s/ Christopher Frankenfield,

06/27/2016

Attorney-in-Fact

** 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.