SEC Form 4	
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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to
Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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									
hours per response:	0.5								

1. Name and Address of Reporting Person [*] Haviland Kate			2. Issuer Name and Ticker or Trading Symbol <u>Blueprint Medicines Corp</u> [BPMC]		ationship of Reporting Pe < all applicable) Director Officer (give title	erson(s) to Issuer 10% Owner Other (specify
		CORPORATION	3. Date of Earliest Transaction (Month/Day/Year) 06/28/2017		below) Chief Busines	below) s Officer
(Street) CAMBRIDGE	MA (State)	02139 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	vidual or Joint/Group Fili Form filed by One Re Form filed by More the Person	porting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)			4. Securities Disposed Of 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(1150.4)
Common Stock	06/28/2017		M ⁽¹⁾		6,357	Α	\$16.28	6,357	D	
Common Stock	06/28/2017		S ⁽²⁾		6,357	D	\$50 ⁽³⁾	0	D	

 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/Year)	4. Transa Code (8)		of		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 of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option (Right to Buy)	\$16.28	06/28/2017		M ⁽¹⁾			6,357	(4)	02/01/2026	Common Stock	6,357	\$0	120,929	D	

Explanation of Responses:

1. The exercise reported on this Form 4 was effected pursuant to a trading plan adopted pursuant to Rule 10b5-1 under the Securities Exchange Act of 1934, as amended (the "Exchange Act").

2. The sales reported on this Form 4 were effected pursuant to a trading plan adopted pursuant to Rule 10b5-1 under the Exchange Act.

The price reported is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$50.00 to \$50.01 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 range.
 This option was granted on February 1, 2016. This option vested with respect to 25% of the shares underlying the option on January 5, 2017 and as to an additional 1/48th of the shares underlying the option each month thereafter.

/s/ Christopher Frankenfield,

Attorney-in-Fact

06/30/2017

** 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.