

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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 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* FMR LLC			2. Issuer Name and Ticker or Trading Symbol Blueprint Medicines Corp [BPMC]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) See Remark 1			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 11/24/2015						
245 SUMMER STREET			4. If Amendment, Date of Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person			
(Street)	(City)	(State)	(Zip)						
BOSTON	MA	02210							
(City)	(State)	(Zip)							

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)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	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			
Common Stock	11/24/2015		S		161,271	D	\$20.14 ⁽¹⁾	552,313	I	Shares held by persons and entities whose shares are subject to reporting by the undersigned.

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. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		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					

Explanation of Responses:

1. The price reported for this transaction is the weighted average price of multiple trades at prices ranging from \$19.63 to \$20.56. FMR LLC hereby undertakes to provide upon request by the Commission staff, the issuer, or a security holder of the issuer full information regarding the number of shares and prices at which the transaction was effected.

Remarks:

Remark 1: Edward C. Johnson 3d is a Director and the Chairman of FMR LLC and Abigail P. Johnson is a Director, the Vice Chairman, the Chief Executive Officer and the President of FMR LLC. Members of the family of Edward C. Johnson 3d, including Abigail P. Johnson, are the predominant owners, directly or through trusts, of Series B voting common shares of FMR LLC, representing 49% of the voting power of FMR LLC. The Johnson family group and all other Series B shareholders have entered into a shareholders' voting agreement under which all Series B voting common shares will be voted in accordance with the majority vote of Series B voting common shares. Accordingly, through their ownership of voting common shares and the execution of the shareholders' voting agreement, members of the Johnson family may be deemed, under the Investment Company Act of 1940, to form a controlling group with respect to FMR LLC. The address of Edward C. Johnson 3d and Abigail P. Johnson is c/o FMR LLC, 245 Summer Street, Boston, MA 02110. Remark 2: The filing of this statement shall not be deemed to be an admission that, for purposes of Section 16 of the Securities Exchange Act of 1934 or otherwise, the undersigned are the beneficial owners of any securities reported herein.

Marc R. Bryant, Duly
authorized under Powers of
Attorney, by and on behalf of
FMR LLC and its direct and 11/25/2015
indirect subsidiaries, Edward
C. Johnson 3d and Abigail P.
Johnson

** 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.

POWER OF ATTORNEY

Effective September 23, 2015, the undersigned does hereby appoint Marc R. Bryant, with full power of substitution, as the true and lawful attorney of the undersigned, with full power and authority to execute such documents and to make such regulatory or other filings and amendments thereto as shall from time to time be required pursuant to the Securities Exchange Act of 1934, as amended, any rules or regulations adopted thereunder, and such other U.S. and non-U.S. laws, rules or regulations as shall from time to time be applicable in respect of the beneficial ownership of securities directly or indirectly attributable to the undersigned and its direct and indirect subsidiaries, and generally to do all such things in the name and on behalf of the undersigned in connection therewith as said attorney-in-fact deems necessary or appropriate to cause such filings to be completed and filed.

This Power of Attorney shall remain in full force and effect only for such time as Marc R. Bryant shall continue to be an officer of Fidelity Management & Research Company, provided that, notwithstanding the foregoing, this Power of Attorney may be revoked at any time by the undersigned in writing.

This Power of Attorney has been executed as of the 23rd day of September, 2015.

FMR LLC

By /s/ Abigail P. Johnson
Abigail P. Johnson
President

POWER OF ATTORNEY

WHEREAS, Edward C. Johnson 3d has appointed Scott C. Goebel, with full power of substitution, as his true and lawful attorney, with full power and authority to execute such documents and to make such regulatory or other filings and amendments thereto (the "Filings") as shall from time to time be required pursuant to the Securities Exchange Act of 1934, as amended, any rules or regulations adopted thereunder, and such other U.S. and non-U.S. laws, rules or regulations as shall from time to time be applicable in respect of the beneficial ownership of securities directly or indirectly attributable to him.

NOW, THEREFORE, the undersigned hereby constitutes and appoints Marc R. Bryant as his substitute, to have all the powers of the undersigned with respect to the Filings, when the undersigned is unavailable.

The Power of Attorney shall remain in full force and effect only for such time as the undersigned shall continue to be an officer of Fidelity Management & Research Company, provided that, notwithstanding the foregoing, this Power of Attorney may be revoked at any time by the undersigned in writing.

/s/ Scott C. Goebel
Scott C. Goebel

Dated: October 12, 2015

POWER OF ATTORNEY

WHEREAS, Abigail P. Johnson has appointed Scott C. Goebel, with full power of substitution, as her true and lawful attorney, with full power and authority to execute such documents and to make such regulatory or other filings and amendments thereto (the "Filings") as shall from time to time be required pursuant to the Securities Exchange Act of 1934, as amended, any rules or regulations adopted thereunder, and such other U.S. and non-U.S. laws, rules or regulations as shall from time to time be applicable in respect of the beneficial ownership of securities directly or indirectly attributable to her.

NOW, THEREFORE, the undersigned hereby constitutes and appoints Marc R. Bryant as his substitute, to have all the powers of the undersigned with respect to the Filings, when the undersigned is unavailable.

The Power of Attorney shall remain in full force and effect only for such time as the undersigned shall continue to be an officer of Fidelity Management & Research Company, provided that, notwithstanding the foregoing,

this Power of Attorney may be revoked at any time by the undersigned in writing.

/s/ Scott C. Goebel
Scott C. Goebel

Dated: October 12, 2015