

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person* Mehta Vimal (Last) (First) (Middle) C/O BIOXCEL THERAPEUTICS, INC., 555 LONG WHARF DRIVE (Street) NEW HAVEN, CT 06511 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 03/07/2018	3. Issuer Name and Ticker or Trading Symbol BioXcel Therapeutics, Inc. [BTAI]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) CEO, President and Secretary	5. If Amendment, Date Original Filed(Month/Day/Year) 03/07/2018
		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person	

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	9,480,000 (1)	I	See footnote (2)

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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 control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Mehta Vimal C/O BIOXCEL THERAPEUTICS, INC., 555 LONG WHARF DRIVE NEW HAVEN, CT 06511	X	X	CEO, President and Secretary	

Signatures

/s/ Vimal Mehta	05/13/2020
Signature of Reporting Person	Date

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 5(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).

- (1) These securities were omitted from the reporting person's original Form 3, and also were omitted from each subsequent Form 4 filed by the reporting person. These securities are held of record by BioXcel LLC (successor by merger to BioXcel Corporation). As of April 23, 2020, BioXcel LLC is a subsidiary of BioXcel Holdings, Inc. ("Parent"). The Reporting Person is a manager and officer of BioXcel LLC and is a director, officer and shareholder of Parent. By virtue of these relationships, the Reporting Person may be deemed to be the beneficial owner of the securities held of record by BioXcel LLC. The Reporting Person disclaims beneficial ownership of the securities reported herein except to the extent of his pecuniary interest therein, if any. This report shall not be deemed an admission that the Reporting Person is the beneficial owner of such securities for the purpose of Section 16 or for any other purpose.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, See Instruction 6 for procedure.

