FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL OMB Number: 32350104 Estimated average burden hours per response: 0.5

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

Name and Address of Reporting Person* Bray June	2. Date of Event Requiring Stateme (Month/Day/Year) 03/01/2021		3. Issuer Name and Ticker or Trading Symbol BioXcel Therapeutics, Inc. [BTAI]				
(Last) (First) (Middle) C/O BIOXCEL THERAPEUTICS, INC.		4. Relationship of Reporting Issuer (Check all applicable) X Director	(Check all applicable)		5. If Amendment, Date of Original Filed (Month/Day/Year)		
555 LONG WHARF DRIVE		Officer (give title below)	Other (spec below)	(Cr	6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting		
(Street) NEW HAVEN CT 06511					Person	by More than One Person	
(City) (State) (Zip)							
Table I - Non-Derivative Securities Beneficially Owned							
1. Title of Security (Instr. 4)		2. Amount of Securities Beneficially Owned (Instr. 4)			4. Nature of Indirect Beneficial Ownership (Instr. 5)		
Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)							
(e.g			ally Owned	s)			
(e.g		rrants, options, convert	ally Owned ible securities 4. ecurity Conv	ersion	5. Ownership Form: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)	

Explanation of Responses:

Remarks:

Exhibit List: Exhibit 24 - Power of Attorney

No securities are beneficially owned.

/s/ Richard Steinhart, as

Attorney-in-Fact for June 03/03/2021

Bray

** 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 5 (b)(v).
- $^{\star\star} \ Intentional \ misstatements \ or \ omissions \ of facts \ constitute \ Federal \ Criminal \ Violations \ See \ 18 \ U.S.C. \ 1001 \ and \ 15 \ U.S.C. \ 78 \ ff(a).$

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.

SECTION 16 POWER OF ATTORNEY

With respect to holdings of and transactions in securities issued by BioXcel Therapeutics, Inc. (the "<u>Company</u>"), the undersigned hereby constitutes and appoints the officers of the Company listed on <u>Schedule A</u> attached hereto and as may be amended from time to time, or any of them signing singly, with full power of substitution and resubstitution, to act as the undersigned's true and lawful attorney-in-fact to:

- 1. execute for and on behalf of the undersigned, Forms 3, 4, and 5 in accordance with Section 16 of the Securities Exchange Act of 1934, as amended, and the rules thereunder;
- 2. do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete and execute any such Form 3, 4, or 5, complete and execute any amendment or amendments thereto, and timely file such form with the United States Securities and Exchange Commission and any stock exchange or similar authority; and
- 3. take any other action of any type whatsoever in connection with the foregoing which, in the opinion of such attorney-infact, may be of benefit to, in the best interest of, or legally required by, the undersigned, it being understood that the documents executed by such attorney-in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be in such form and shall contain such terms and conditions as such attorney-in-fact may approve in the discretion of such attorney-in-fact.

The undersigned hereby grants to each such attorney-in-fact full power and authority to do and perform any and every act and thing whatsoever requisite, necessary, or proper to be done in the exercise of any of the rights and powers herein granted, as fully to all intents and purposes as the undersigned might or could do if personally present, with full power of substitution and resubstitution or revocation, hereby ratifying and confirming all that such attorney-in-fact, or such attorney-in-facts substitute or substitutes, shall lawfully do or cause to be done by virtue of this Power of Attorney and the rights and powers herein granted.

The undersigned acknowledges that the attorneys-in-fact, in serving in such capacity at the request of the undersigned, are not assuming, nor is any Company assuming, any of the undersigned's responsibilities to comply with Section 16 of the Securities Exchange Act of 1934, as amended.

This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Forms 3, 4, and 5 with respect to the undersigned's holdings of and transactions in securities issued by the Company, unless earlier revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact.

IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of this 8 day of February, 2021.

/s/ June Bray June Bray

Schedule A

Individuals Appointed as Attorney-in-Fact with Full Power of Substitution and Resubstitution

- 1. Vimal Mehta, Chief Executive Officer and President
- 2. Richard I. Steinhart, Chief Financial Officer
- 3. Javier Rodriguez, Chief Legal Officer and Secretary