SEC For	m 4 FORM	4 (JNITED S	FATE	S SE			ES AND ington, D.C. 2		ANGE	COMN	IISSION	1		APPRO	VAL	
Section 16. Form 4 or Form 5 obligations may continue. See						IT OF CHANGES IN BENEFICIAL OWNER											
1. Name and Address of Reporting Person* O'Neill Vincent								cker or Tradin Deutics, In			neck all appli Directe	cable)	10% Owner ve title Other (speci				
(Last) (First) (Middle) C/O BIOXCEL THERAPEUTICS, INC. 555 LONG WHARF DRIVE, 12TH FLOOR					3. Date of Earliest Transaction (Month/Day/Year) 03/14/2022								A below) below) Chief Medical Officer				
(Street) NEW HAVEN CT 06511				4.1	4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person									n			
(City) (State) (Zip)																	
Table I - Non-Deriva 1. Title of Security (Instr. 3) 2. Transau Date (Month/Date)					ction 2A. Deemed Execution Date		e, Transaction Code (Instr. 5)		rities Acquired (A) ed Of (D) (Instr. 3, 4		5. Amou Securiti Benefici	nt of 6. C es For ally (D) collowing (I) (orm: Direct)) or Indirect) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
								Code V	/ Amoui	nt (A) (D)	or Price	Transac (Instr. 3	tion(s)				
	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/Yea	Code (Ir		5. Number of		6. Date Exercisable and Expiration Date (Month/Day/Year)		Amount Securitie Underlyi Derivativ	7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		9. Number of derivative Securities Beneficially Owned Following Reported Transaction((Instr. 4)	s Ily	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	v	(A)	(D)	Date Exercisable	Expiratior Date	Title	Amount or Number of Shares						
Restricted Stock Units	(1)	03/14/2022		A		8,337		(2)	(2)	Common Stock	8,337	\$0	8,337		D		

Explanation of Responses:

1. Each Restricted Stock Unit ("RSU") represents a contingent right to receive one share of the Issuer's Common Stock.

2. The RSUs will vest and settle as to 25% of the total number of RSUs on the first anniversary of March 14, 2022 and as to 6.25% of the total number of Restricted Stock Units at the end of each successive three-month period thereafter, subject to the Reporting Person's continuous employment with the Issuer through the relevant vesting dates.

<u>/s/ Javier Rodriguez, as</u>	
Attorney-in-Fact for Vincent	03/16/2022
<u>O'Neill, M.D.</u>	
** 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.