
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G

UNDER THE SECURITIES EXCHANGE ACT OF 1934

BioXcel Therapeutics, Inc.

(Name of Issuer)

Common Stock, par value \$0.001

(Title of Class of Securities)

09075P105

(CUSIP Number)

11/25/2024

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- Rule 13d-1(b)
 Rule 13d-1(c)
 Rule 13d-1(d)

SCHEDULE 13G

CUSIP No. 09075P105

Names of Reporting Persons

1

Qatar Investment Authority

Check the appropriate box if a member of a Group (see instructions)

2

(a)

(b)

3

Sec Use Only

Citizenship or Place of Organization

4

QATAR

Number of 5 Sole Voting Power
Shares

Beneficially 2,724,075.00
Owned by Shared Voting Power
Each 6
Reporting 0.00
Person
With: Sole Dispositive Power
7
2,724,075.00
Shared Dispositive
8 Power
0.00

Aggregate Amount Beneficially Owned by Each Reporting Person

9 2,724,075.00
Check box if the aggregate amount in row (9) excludes certain shares (See Instructions)

10
Percent of class represented by amount in row (9)

11 5.20 %

12 Type of Reporting Person (See Instructions)
OO

Comment for Type of Reporting Person: The numbers in rows 5, 7 and 9 represent 2,724,075 shares of Common Stock issuable to Q Boost Holding LLC, the Reporting Person's wholly-owned subsidiary (the "Subsidiary"), upon exercise of the Issuer warrant held by the Subsidiary. The percentage of class in row 11 is calculated assuming 52,353,023 shares of common stock per share (the "Common Stock") are outstanding based on (i) 49,628,948 shares of Common Stock outstanding as of December 17, 2024 (such outstanding shares based on information provided to the Reporting Persons by the Issuer) and (ii) 2,724,075 shares of Common Stock issuable to the Subsidiary upon exercise of the Issuer warrant held by the Subsidiary.

SCHEDULE 13G

Item 1.

Name of issuer:
(a) BioXcel Therapeutics, Inc.
Address of issuer's principal executive offices:
(b) 555 Long Wharf Drive, New Haven, CT 06511

Item 2.

Name of person filing:
(a) Qatar Investment Authority (the "Reporting Person").
Address or principal business office or, if none, residence:
(b) Ooredoo Tower (Building 14), Al Dafna Street (Street 801), Al Dafna (Zone 61), Doha, State of Qatar.
Citizenship:
(c) Qatar
Title of class of securities:
(d) Common Stock, par value \$0.001
CUSIP No.:
(e) 09075P105

Item 3. If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a) Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o);
- (b) Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c);
- (c) Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c);

- (d) Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e) An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);
- (f) An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h) A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J). If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:
- (k) Group, in accordance with Rule 240.13d-1(b)(1)(ii)(K).

Item 4. Ownership

Amount beneficially owned:

- (a) 2,724,075
- Percent of class:
- (b) 5.20 %
- (c) Number of shares as to which the person has:
 - (i) Sole power to vote or to direct the vote:
 - 2,724,075
 - (ii) Shared power to vote or to direct the vote:
 - 0
 - (iii) Sole power to dispose or to direct the disposition of:
 - 2,724,075
 - (iv) Shared power to dispose or to direct the disposition of:
 - 0

Item 5. Ownership of 5 Percent or Less of a Class.

Item 6. Ownership of more than 5 Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company or Control Person.

If a parent holding company has filed this schedule, pursuant to Rule 13d-1(b)(ii)(G), so indicate under Item 3(g) and attach an exhibit stating the identity and the Item 3 classification of the relevant subsidiary. If a parent holding company has filed this schedule pursuant to Rule 13d-1(c) or Rule 13d-1(d), attach an exhibit stating the identification of the relevant subsidiary.

See Exhibit 99.1

Item 8. Identification and Classification of Members of the Group.

Not Applicable

Item 9. Notice of Dissolution of Group.

Not Applicable

Item 10. Certifications:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect, other than activities solely in connection with a nomination under ?? 240.14a-11.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Qatar Investment Authority

Signature: /s/ Andrew Watkins

Name/Title: Andrew Watkins**/Associate General Counsel,
Head of Compliance

Date: 12/18/2024

Comments accompanying signature: **Evidence of authority to sign on behalf of Qatar Investment Authority is set forth in a Certificate of Incumbency, dated February 02, 2022, and included as Exhibit 99.2 hereto.

Exhibit Information

Exhibit No. Description 99.1 Item 7 Information 99.2 Certificate of Incumbency

EXHIBIT 99.1

The Schedule 13G to which this attachment is appended is filed by Qatar Investment Authority on behalf of itself and the following wholly-owned subsidiary:

Q Boost Holding LLC

EXHIBIT 99.2

Certificate of Incumbency

**I, Ahmad Mohammed F Q Al-Khanji, Chief of Legal and General Counsel, of Qatar Investment Authority, established by Emiri Decision No 22 in 2005, with its registered office at, Ooredoo Tower (Building 14), Al Dafna Street (Street 801), Al Dafna (Zone 61), Doha, State of Qatar, do hereby confirm that Andrew Watkins is the duly appointed Associate General Counsel, Compliance, an officer of the Qatar Investment Authority, and as such, is authorized to sign regulatory filings on behalf of the Qatar Investment Authority.

/s/ Ahmad Mohammed F Q Al-Khanji
Name: Ahmad Mohammed F Q Al-Khanji
Title: Chief of Legal and General Counsel

Dated: February 02, 2022
