UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

FORM 8-K

CURRENT REPORT Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

April 7, 2021

Date of Report (Date of earliest event reported)

Bicycle Therapeutics plc

(Exact name of registrant as specified in its charter)

England and Wales001-38916Not applicable(State or other jurisdiction
of incorporation)(Commission
File Number)(IRS Employer
Identification No.)

B900, Babraham Research Campus Cambridge CB22 3AT United Kingdom

Not Applicable

(Zip Code)

(Address of principal executive offices)

Registrant's telephone number, including area code: +44 1223 261503

| | eck the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the owing provisions: |
|---|---|
| | Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425) |
| | Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12) |
| | Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b)) |
| П | Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240 13e-4(c)) |

Securities registered pursuant to Section 12(b) of the Act:

| Trading | Name of each exchange on which registered |
|---------|---|
| n/a | The Nasdaq Stock Market LLC* |
| BCYC | The Nasdaq Stock Market LLC |
| | n/a |

^{*} Not for trading, but only in connection with the listing of the American Depositary Shares on The Nasdaq Stock Market LLC.

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. \boxtimes

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On April 7, 2021, Kate Bingham notified the Chairman of the Board of Directors (the "Board") of Bicycle Therapeutics plc (the "Company") that she does not desire to seek re-election to the Board upon expiration of her current term of service as a Class II director of the Company, and that, therefore, she will retire from the Board at the close of the Company's next annual general meeting of shareholders, which is scheduled for June 28, 2021. Ms. Bingham's decision not to seek re-election and to retire from the Board is not due to any disagreement with the Company on any matter relating to the Company's operations, policies or practices.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Date: April 9, 2021 BICYCLE THERAPEUTICS PLC

By: /s/ Lee Kalowski

Name: Lee Kalowski

Title: Chief Financial Officer