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

SCHEDULE 13G

Under the Securities Exchange Act of 1934 (Amendment No. 1)*

Bicycle Therapeutics plc (Name of Issuer)

Ordinary Shares, nominal value £0.01 per share**

(Title of Class of Securities)

088786108***

(CUSIP Number)

December 31, 2023

(Date of Event Which Requires Filing of this statement)

Check the a	appropriate box to designate the rule pursuant to which this Schedule is filed:
	Rule 13d-1(b)
X	Rule 13d-1(c)
	Rule 13d-1(d)
	inder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and fo uent amendment containing information which would alter the disclosures provided in a prior cover page.
** The Rep	orting Persons own ordinary shares through the Issuer's American Depositary Shares, each representing one ordinary share.
*** The or 088786108	dinary shares have no CUSIP number. The CUSIP number for the Issuer's American Depositary Shares, each representing one ordinary share, i
	ation required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the
	Page 1 of 9 Pages

1. Names of Reporting Persons Paradigm BioCapital Advisors LP 2. Check the Appropriate Box if a Member of a Group (See Instructions) (b) 🗵 3. SEC Use Only 4. Citizenship or Place of Organization Delaware 5. SOLE VOTING POWER NUMBER OF 3,707,001 **SHARES** BENEFICIALLY 6. SHARED VOTING POWER 0 OWNED BY **EACH** 7. SOLE DISPOSITIVE POWER 3,707,001 REPORTING PERSON WITH: 8. SHARED DISPOSITIVE POWER 0 9. Aggregate Amount Beneficially Owned by Each Reporting Person 3,707,001 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) \square 11. Percent of Class Represented by Amount in Row (9) 9.8% 12. Type of Reporting Person (See Instructions)

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CUSIP No. 088786108

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CUSIP No. 088786108

1.	Names of Reporting Persons			
	Paradigm BioCapital Advisors GP LLC			
2.	Check the Appropri	ate Box if a Member of a Group (See Instru	uctions)	
	(a) □ (b) ⊠			
	3. SEC Use Only			
4.	Citizenship or Place of	of Organization		
	Delaware			
	MBER OF ARES	5. SOLE VOTING POWER	3,707,001	
BEN	NEFICIALLY NED BY	6. SHARED VOTING POWER	0	
EAG		7. SOLE DISPOSITIVE POWER	3,707,001	
	SON WITH:	8. SHARED DISPOSITIVE POWER	0	
9.	Aggregate Amount B	eneficially Owned by Each Reporting Pers	son	
	3,707,001			
10.	Check if the Aggrega	te Amount in Row (9) Excludes Certain Sh	nares (See Instructions)	
11.	Percent of Class Repr	resented by Amount in Row (9)		
	9.8%			
12.	Type of Reporting Pe	rson (See Instructions)		
	OO			
Page 3 of 9 Pages				

1.	Names of Reporting Persons			
	Senai Asefaw, M.D			
2.	Check the Appropr	iate Box if a Member of a Group (See Instructions)		
	(a) □ (b) ⊠			
3.	SEC Use Only			
4.	Citizenship or Place	e of Organization		
	United States of Ar	nerica		
	MBER OF	5. SOLE VOTING POWER	3,707,001	
BE	ARES NEFICIALLY	6. SHARED VOTING POWER	0	
EA		7. SOLE DISPOSITIVE POWER	3,707,001	
	PORTING RSON WITH:	8. SHARED DISPOSITIVE POWER	0	
9.	Aggregate Amount	Beneficially Owned by Each Reporting Person		
	3,707,001			
10.	Check if the Aggre	gate Amount in Row (9) Excludes Certain Shares (S	See Instructions)	
11.	1. Percent of Class Represented by Amount in Row (9)			
	9.8%			
12.	Type of Reporting	Person (See Instructions)		
	IN			
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CUSIP No. 088786108

CUSIP No. 088786108 1. Names of Reporting Persons Paradigm BioCapital International Fund Ltd. 2. Check the Appropriate Box if a Member of a Group (See Instructions) (b) 🗵 3. SEC Use Only 4. Citizenship or Place of Organization Cayman Islands 5. SOLE VOTING POWER NUMBER OF 3,139,945 **SHARES** BENEFICIALLY 6. SHARED VOTING POWER 0 OWNED BY **EACH** 7. SOLE DISPOSITIVE POWER 3,139,945 REPORTING PERSON WITH: 8. SHARED DISPOSITIVE POWER 0 9. Aggregate Amount Beneficially Owned by Each Reporting Person 3,139,945 10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) \square 11. Percent of Class Represented by Amount in Row (9)

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8.3%

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12. Type of Reporting Person (See Instructions)

Item 1.

- (a) The name of the issuer is Bicycle Therapeutics plc (the "Issuer").
- (b) The principal executive offices of the Issuer are located at Blocks A & B, Portway Building, Granta Park Great Abington, Cambridge, United Kingdom, CB21 6GS.

Item 2.

- (a) This Schedule 13G/A1 is filed by the following (the "Reporting Persons"): (1) Paradigm BioCapital Advisors LP (the "Advisor"); (2) Paradigm BioCapital Advisors GP LLC (the "GP"); (3) Senai Asefaw, M.D. ("Senai Asefaw"); and (4) Paradigm BioCapital International Fund Ltd. (the "Fund"). The Fund is a private investment vehicle. The Fund and a separately managed account managed by the Adviser (the "Account") directly beneficially own the Ordinary Shares (as defined below) reported in this Statement. The Adviser is the investment manager of the Fund and the Account. The GP is the general partner of the Adviser. Senai Asefaw is the managing member of the GP. The Adviser, the GP and Senai Asefaw may be deemed to beneficially own the Ordinary Shares directly beneficially owned by the Fund and the Account. Each Reporting Person disclaims beneficial ownership with respect to any Ordinary Shares other than the Ordinary Shares directly beneficially owned by such Reporting Person.
- (b) The principal business office of the Reporting Persons is 767 Third Avenue, 17th Floor, New York, NY 10017.
- (c) For citizenship information see Item 4 of the cover page of each Reporting Person.
- (d) This statement relates to the ordinary shares, nominal value £0.01 per share, of the Issuer (the "Ordinary Shares").
- (e) The Ordinary Shares have no CUSIP number. The CUSIP number for the Issuer's American Depositary Shares, each representing one Ordinary Share, is 088786108.

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. 780).
- (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);

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(g) (h)		A parent holding company or control person in accordance with 240.13d-1(b)(1)(ii)(G); 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);
(k)	£	Group, in accordance with §240.13d-1(b)(1)(ii)(K).
	If fil	ing as a non-U.S. institution in accordance with §240.13d-1(b)(1)(ii)(J), please specify the type of institution:
Iten	ı 4. (Ownership.
See	Item	s 5-9 and 11 on the cover page for each Reporting Person, and Item 2, which information is given as of the Event Date of this Schedule 13G/A1.
		entages of beneficial ownership contained herein are based on 37,715,666 Ordinary Shares outstanding as of October 30, 2023, as disclosed in the Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 2, 2023.
Iten	ı 5. (Ownership of Five Percent or Less of a Class.
		atement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five of the class of securities, check the following:
Iten	ı 6. C	Ownership of More than Five Percent on Behalf of Another Person.
Not	appl	icable.
Iten	ı 7. l	dentification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company.
Not	appl	icable.

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

Not applicable.

Not applicable.

Item 9. Notice of Dissolution of Group.

Item 10. Certification.

- (a) Not applicable.
- (b) Not applicable.
- (c) 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.

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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.

Dated: February 14, 2024	
Paradigm BioCapital Advisors LP Paradigm BioCapital Advisors GP LLC Paradigm BioCapital International Fund Ltd.	
By: /s/ David K. Kim Name: David K. Kim Title: Authorized Signatory	
/s/ Senai Asefaw, M.D. Senai Asefaw, M.D.	
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