FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

| Vashington, | D.C. | 20549 |  |
|-------------|------|-------|--|

| STATEMENT | <b>OF CHANGES</b> | IN BENEFICIAL | <b>OWNERSHIP</b> |
|-----------|-------------------|---------------|------------------|

| OMB APPROVAL             |     |  |  |  |  |  |  |  |
|--------------------------|-----|--|--|--|--|--|--|--|
| OMB Number: 3235-0287    |     |  |  |  |  |  |  |  |
| Estimated average burden |     |  |  |  |  |  |  |  |
| hours ner resnonse:      | 0.5 |  |  |  |  |  |  |  |

|   | Check this box if no longer subject to |
|---|--|
| ١ | Section 16. Form 4 or Form 5           |
| ) | obligations may continue. See          |
|   | Instruction 1(b).                      |

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*     Skynner Michael                           |  |                           |  |                 | 2. Issuer Name <b>and</b> Ticker or Trading Symbol BICYCLE THERAPEUTICS plc [ BCYC ] |   |  |   |  |   |  | (Che    | ck all applica<br>Director   | ble)   | g Person(s) to Issue<br>10% Owr<br>Other (sp |   | ner      |
|---|--|---------------------------|--|-----------------|--|---|--|---|--|---|--|---------|--|--|--|---|----------|
| (Last) (First) (Middle) C/O BICYCLE THERAPEUTICS PLC B900, BABRAHAM RESEARCH CAMPUS |  |                           |  |                 | 3. Date of Earliest Transaction (Month/Day/Year) 06/28/2019                          |   |  |   |  |   |  |         | below)   |  |  |   |          |
| (Street) CAMBR (City)   | IDGE X   |                           | CB22 3AT   |                 | 4. If Amendment, Date of Original Filed (Month/Day/Year) 05/30/2019                  |   |  |   |  | 6. Inc<br>Line)   |  |         |  |  |  |   |          |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned    |  |                           |  |                 |  |   |  |   |  |   |  |         |  |  |  |   |          |
| Date  |  |                           | Transacti<br>ite<br>onth/Day   | Execution Date, |  | e, Transaction Disposed (                               |  | ies Acquired (A) or<br>Of (D) (Instr. 3, 4 and  |  | 5. Amount<br>Securities<br>Beneficial<br>Owned Fo<br>Reported | Form<br>ly (D) or  |         | Direct Ir<br>ndirect B<br>r. 4) O  | 7. Nature of<br>ndirect<br>Beneficial<br>Ownership<br>Instr. 4)    |  |   |          |
|   |  |                           |  |                 |  |   |  | Code  | v                                      | Amount  | (A) or<br>(D)  | Price   | Transactio<br>(Instr. 3 ar   |  |  | " | 1150. 4) |
|   | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |                           |  |                 |  |   |  |   |  |   |  |         |  |  |  |   |          |
|   |  | Transa<br>Code (          | saction le (Instr. Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |                 | e<br>s<br>I (A)<br>sed<br>str.   | Expiration Date of Se (Month/Day/Year) of Se Unde Deriv |  | 7. Title and Amount<br>of Securities<br>Underlying<br>Derivative Security<br>(Instr. 3 and 4) |  | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)           | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s) | i F     | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |   |          |
|   |  |                           |  | Code            | v  | (A)   |  | Date<br>Exercisabl  | Amount (Instr. 4) or Expiration Number |   | 211(3)   |         |  |  |  |   |          |
| Stock<br>Option<br>(Right to<br>Buy)  | \$14   | 06/28/2019 <sup>(1)</sup> |  | A               |  | 183,895   |  | (2)   | 06                                     | 5/28/2029 <sup>(1)</sup>                                      | Ordinary<br>Shares   | 183,895 | \$0.00   | 183,89   | 5  | D |          |

## Explanation of Responses:

- 1. The original Form 4 inadvertently listed the incorrect date of earliest transaction, transaction date and expiration date. This Form 4 amendment is being filed to accurately reflect the appropriates dates.
- 2. This option shall vest in 36 equal monthly installments at the end of each calendar month following the date of the grant.

## Remarks:

/s/ Lee Kalowski, as Attorney-04/27/2020 in-Fact

\*\* Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- $^{\star}$  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.