1. Name and Address of Reporting Person

Skynner Michael

C/O BICYCLE THERAPEUTICS PLC
B900, BABRAHAM RESEARCH CAMPUS
CAMBRIDGE X0 CB22 3AT

2. Issuer Name and Ticker or Trading Symbol

BICYCLE THERAPEUTICS plc [ BCYC ]

3. Date of Earliest Transaction (Month/Day/Year)

06/28/2019

4. If Amendment, Date of Original Filed (Month/Day/Year)

05/30/2019

5. Relationship of Reporting Person(s) to Issuer

Chief Operating Officer

6. Individual or Joint/Group Filing (Check Applicable Line)

Form filed by One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

<table>
<thead>
<tr>
<th>1. Title of Security (Instr. 3)</th>
<th>2. Transaction Date (Month/Day/Year)</th>
<th>2A. Deemed Execution Date, if any (Month/Day/Year)</th>
<th>3. Transaction Code (Instr. 8)</th>
<th>4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)</th>
<th>5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)</th>
<th>6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)</th>
<th>7. Nature of Indirect Beneficial Ownership (Instr. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Options (Right to Buy)</td>
<td>$14</td>
<td>06/28/2019(1)</td>
<td>A</td>
<td>183,895</td>
<td>183,895</td>
<td>D</td>
<td>V</td>
</tr>
</tbody>
</table>

Date Exercisable and Expiration Date: 06/28/2029(1)

7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)

Ordinary Shares 183,895

8. Price of Derivative Security

$0.00

9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)

183,895

10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)

D

11. Nature of Indirect Beneficial Ownership (Instr. 4)

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 appropriate 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-in-Fact 04/27/2020

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).

** Signature of Reporting Person  Date

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.