Instruction 1(b)

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington,	D.C.	20549	

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL		
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 2. Issuer Name and Ticker or Trading Symbol 5. Relationship of Reporting Person(s) to Issuer 1. Name and Address of Reporting Person' (Check all applicable) BICYCLE THERAPEUTICS plc [BCYC] Keen Nicholas Director 10% Owner Officer (give title Other (specify below) below) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) (Last) (First) Chief Scientific Officer 07/14/2021 C/O BICYCLE THERAPEUTICS PLC B900, BABRAHAM RESEARCH CAMPUS 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable X Form filed by One Reporting Person CAMBRIDGE X0 **CB22 3AT** Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 1. Title of Security (Instr. 3) 2. Transaction 2A. Deemed 5. Amount of 6. Ownership 7. Nature Execution Date, Transaction Form: Direct of Indirect (Month/Day/Year) Beneficially if any Code (Instr. (D) or Indirect Beneficial 5) Ownership (Month/Day/Year) 8) Owned Following (I) (Instr. 4) (Instr. 4) Reported (A) or (D) Transaction(s) (Instr. 3 and 4) Code Amount Price S⁽¹⁾ **Ordinary Shares** 07/14/2021 10,000 D \$35 18,321 D Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative 3A. Deemed Execution Date 5. Numbei 6. Date Exercisable and Expiration Date 7. Title and Amount of 8. Price of Derivative 9. Number of derivative 11. Nature of Indirect 3. Transaction 10. Ownership Conversion (Month/Day/Year) Derivative Security or Exercise if any (Month/Day/Year) Code (Instr. (Month/Day/Year) Securities Security Securities Form: Beneficial (Instr. 3) Price of 8) Securities Underlying (Instr. 5) Beneficially Direct (D) Ownership (Instr. 4) Derivative Acquired or Indirect Derivative Owned Security (A) or Disposed Security (Instr. 3 and 4) Following (I) (Instr. 4) Reported of (D) (Instr. 3, 4 and 5) Transaction(s) (Instr. 4) Amount Number Expiration of Shares (D) Code (A) Exercisable Title Date

Explanation of Responses:

1. Shares were sold pursuant to a Rule 10b5-1 trading plan.

Remarks:

/s/ Lee Kalowski, Attorney-in-**Fact**

07/16/2021

** Signature of Reporting Person Date

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).
- ** 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.