| SEC For  |   |  |  | л стл        | TEC                           | 2 66  |  | 1710          |   |              | УСЦА  |                                   |   | SCION  |  |                     |  |   |
|--|---|--|--|--------------|-------------------------------|---|--|---------------|---|--------------|---|-----------------------------------|---|--|--|---------------------|--|---|
| FORM 4 UNITED STAT   |   |  |  |              |                               | 5 36  |  | /ashir        |   | OMB APPROVAL |   |                                   |   |  |  |                     |  |   |
| Section 16. Form 4 or Form 5<br>obligations may continue. See                  |   |  |  |              | ed purs                       | IT OF CHANGES IN BENEFICIAL OWNER<br>pursuant to Section 16(a) of the Securities Exchange Act of 1934<br>or Section 30(h) of the Investment Company Act of 1940 |  |               |   |              |   |                                   |   |  |  |                     |  | 3235-0287   |
| 1. Name and Address of Reporting Person <sup>*</sup><br>Curnutte John T        |   |  |  |              |                               | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br>Orchard Therapeutics plc [ ORTX ]   |  |               |   |              |   |                                   |   | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>X Director 10% Owner |  |                     |  |   |
| (Last) (First) (Mic<br>C/O ORCHARD THERAPEUTICS PL                             |   |  |  |              |                               | 3. Date of Earliest Transaction (Month/Day/Year)<br>06/17/2020  |  |               |   |              |   |                                   |   | Officer (give title Other (specify below) below)   |  |                     |  |   |
| (Street)   | NON STR   | EC4N 6EU                                   |  |              | f Amer                        | ndment, [   | Date o   | of Original F | Original Filed (Month/Day/Year)                         |              |   | Line                              | 6. Individual or Joint/Group Filing (Check Applicable<br>Line)<br>X Form filed by One Reporting Person<br>Form filed by More than One Reporting<br>Person |  |  |                     |  |   |
| (City)   | (S  |  | (Zip)  | Doriu        |                               |   | rition   |               | auirod [  | Dior         |   | f or Do                           | noficial  |  |  |                     |  |   |
| Table I - Non-Deriva   1. Title of Security (Instr. 3) 2. Transa Date (Month/D |   |  |  |              | action                        | 2<br>Ear) if  | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Yea)   |               | , 3.<br>Transactio<br>Code (Insti                       |              | 4. Securities Acquired (A<br>Disposed Of (D) (Instr. 3, |                                   | ed (A) or   | or 5. Amount of  |  | Form<br>(D) or      | : Direct<br>r Indirect<br>str. 4)  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |
|  |   |  |  |              |                               |   |  |               | Code  | v            | Amount  | (A) or<br>(D)                     | Price   | Transaction  |  |                     |  | (Instr. 4)  |
|  |   | -  | Table II -                                     |              |                               |   |  |               | uired, Di   |              |   |                                   |   | Owned  |  |                     |  |   |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                            | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deeme<br>Execution<br>if any<br>(Month/Day | d<br>Date, 1 | 4.<br>Fransa<br>Code (I<br>3) | ction   | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D) (Instr.<br>3, 4 and 5) |               | 6. Date Exercisal<br>Expiration Date<br>(Month/Day/Year |              | able and 7. Title and Amount of                         |                                   | d<br>f<br>g<br>e Security   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)  | 9. Numbe<br>derivative<br>Securities<br>Beneficia<br>Owned<br>Following<br>Reported<br>Transacti<br>(Instr. 4) | e<br>s<br>Illy<br>g | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>O) Ownershi<br>ect (Instr. 4)         |
|  |   |  |  | c            | Code                          | v   | (A)  | (D)           | Date<br>Exercisable                                     |              | Expiration<br>Date                                      | Title                             | Amount<br>or<br>Number<br>of<br>Shares  |  |  |                     |  |   |
| Stock<br>Option<br>(Right to<br>Buy)   | \$7.81  | 06/17/2020                                 |  |              | A                             |   | 35,000   |               | (1)   | 0            | 6/16/2030   | Ordinary<br>Shares <sup>(2)</sup> | 35,000  | \$0.00   | 35,00  | 0                   | D  |   |

Explanation of Responses:

1. All of the shares subject to this option vest upon the earlier to occur of June 17, 2021 or the date of the 2021 Annual General Meeting of the Company.

2. The Ordinary Shares may be represented by American Depositary Shares, each of which currently represents one Ordinary Share.

## Remarks:

/s/ Frank Thomas, as attorney-06/19/2020 in-fact for John Curnutte

\*\* 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.