FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, D | C. 20549 |
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b)

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL 3235-0287 OMB Number: Estimated average burden hours per response: 0.5

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*     COOPER GRAHAM K                |        |                     |  | 2. Issuer Name <b>and</b> Ticker or Trading Symbol Beam Therapeutics Inc. [BEAM] |   |  |                                     |                         |  |  |                        | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)                      |                     |  |   |  |  |   |  |  |
|--|--------|---------------------|--|--|---|--|-------------------------------------|-------------------------|--|--|------------------------|--|---------------------|--|---|--|--|---|--|--|
|  |        |                     |  | Dean Incrapeutics Inc. [ BEAM ]  |   |  |                                     |                         |  |  |                        | X  | Director            |  |   | Owner  |  |   |  |  |
| (Last)   | •      | irst) APEUTICS INC. | (Middle)                                     |  | 3. Date of Earliest Transaction (Month/Day/Year) 07/06/2021 |  |                                     |                         |  |  |                        |  |                     |  | Officer<br>below)   | (give title  | Other<br>below   | (specify<br>)                           |  |  |
| 26 LANDSDOWNE STREET   |        |                     |  |  | 4. If Amendment, Date of Original Filed (Month/Day/Year)    |  |                                     |                         |  |  |                        |  | 6. Indiv            | /idual or 、                                    | Joint/Group   | Filing (Check A  | Applicable   |   |  |  |
| (Street)   |        |                     |  |  |   |  |                                     |                         |  |  |                        | Line)  X Form filed by One Reporting Person  |                     |  |   |  |  |   |  |  |
| CAMBR  | IDGE M | ÍA .                | 02139  |  |   |  |                                     |                         |  |  |                        |  |                     |  | Form filed by More than One Reporting Person                      |  |  |   |  |  |
| (City)   | (S     | tate)               | (Zip)  |  |   |  |                                     |                         |  |  |                        |  |                     |  |   |  |  |   |  |  |
|  |        |                     |  |  |   | _  |                                     | s Ac                    | _  | d, D   | isposed o              | -  |                     | cially   | 1   |  |  |   |  |  |
| 1. Title of Security (Instr. 3)  |        | 0                   | 2. Transaction<br>Date<br>(Month/Day/Y       |  | Exec<br>if any  | A. Deemed xecution Date, any Month/Day/Year) | Transaction Disposed O Code (Instr. |                         |  | es Acquired (A) or<br>Of (D) (Instr. 3, 4 and 5) |                        |  | Benefici<br>Owned I | ies  | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership  |  |   |  |  |
|  |        |                     |  |  |   |  |                                     | Code                    | v  | Amount   | (A) or<br>(D)          | Price  |                     | Reported<br>Transaction(s)<br>(Instr. 3 and 4) |   |  | (Instr. 4)   |   |  |  |
| Common Stock   |        |                     |  | 07/06/2021   |   | 1  |                                     | M <sup>(1)</sup>        |  | 2,614  | A                      | \$17   |                     | 2,   | 614   | D  |  |   |  |  |
| Common   | Stock  |                     |  | 07/06/20   | 21  |  |                                     |                         | <b>S</b> <sup>(2)</sup>  |  | 614                    | D  | \$115               | .38 <sup>(3)</sup>                             | 2,  | 000  | D  |   |  |  |
| Common   | Stock  |                     |  | 07/06/20   | 21  |  |                                     |                         | <b>S</b> (2)   |  | 200                    | D  | \$116               | .41 <sup>(4)</sup>                             | 1,  | 800  | D  |   |  |  |
| Common   | Stock  |                     |  | 07/06/20   | 21  |  |                                     |                         | <b>S</b> <sup>(2)</sup>  |  | 200                    | D  | \$118               | 3.35(5)  | 1,  | 600  | D  |   |  |  |
| Common   | Stock  |                     |  | 07/06/20   | 21  |  |                                     |                         | <b>S</b> <sup>(2)</sup>  |  | 100                    | D  | \$119               | .68(6)   | 1,  | 500  | D  |   |  |  |
| Common   | Stock  |                     |  | 07/06/20   | 21  |  |                                     |                         | <b>S</b> <sup>(2)</sup>  |  | 200                    | D  | \$120               | .39 <sup>(7)</sup>                             | 1,  | 300  | D  |   |  |  |
| Common Stock 07  |        |                     | 07/06/20                                     | :021   |   |  |                                     | <b>S</b> <sup>(2)</sup> |  | 400  | D                      | \$121.59(8)  |                     | 9  | 900   | D  |  |   |  |  |
| Common Stock   |        |                     | 07/06/20                                     | .021   |   |  |                                     | S                       |  | 100  | D                      | \$122.85   |                     | 8  | 300   | D  |  |   |  |  |
| Common Stock   |        |                     |  | 07/06/20   | 2021  |  |                                     |                         | <b>S</b> <sup>(2)</sup>  |  | 200                    | D  | \$123               | \$123.76 <sup>(9)</sup>                        |   | 500  | D  |   |  |  |
| Common Stock   |        |                     |  | 07/06/20   | 06/2021   |  |                                     |                         | <b>S</b> <sup>(2)</sup>  |  | 300                    | D  | \$124.31(10)        |  | 3   | 300  | D  |   |  |  |
| Common Stock   |        |                     | 07/06/2021                                   |  |   |  | S                                   |                         | 100  | D  | \$126.51               |  | 2                   | 200  | D   |  |  |   |  |  |
| Common Stock   |        |                     |  | 07/06/2021   |   |  |                                     | S                       |  | 100  | D                      | \$12   | \$128.67            |  | 100   | D  |  |   |  |  |
| Common Stock 07/06/20  |        |                     |  |  | 21  |  | S                                   |                         | 100  | D  | \$129.38               |  | 0                   |  | D   |  |  |   |  |  |
|  |        | Т                   | able II -                                    |  |   |  |                                     |                         |  |  | posed of,<br>convertil |  |                     |  | wned  |  |  |   |  |  |
| Derivative Conversion Date Execusity Or Exercise (Month/Day/Year) if any |        |                     | 3A. Deem<br>Execution<br>if any<br>(Month/Da | tion Date, Trans   |   | ction<br>Instr.                              |                                     |                         | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |  |                        | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative Secu<br>(Instr. 3 and 4) |                     | De<br>Se<br>(In                                | Derivative d<br>Security S<br>Instr. 5) E<br>F<br>F               | 9. Number<br>derivative<br>Securities<br>Beneficiall<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4) | Ownersh<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. | Beneficial<br>Ownership<br>t (Instr. 4) |  |  |
|  |        |                     |  |  |   |  |                                     |                         |  |  |                        |  | Amo                 | unt  |   |  |  |   |  |  |

## **Explanation of Responses:**

\$17

Stock Option (Right to

1. The stock option exercise reported in this Form 4 was effected pursuant to a 10b5-1 trading plan.

07/06/2021

2. The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan. The sale price reported is a weighted average price. The Reporting Person undertakes to provide to Beam Therapeutics Inc. ("BEAM"), any security holder of BEAM or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the

Date Exercisable

(11)

(D)

2.614

(A)

Expiration Date

02/05/2030

Title

Stock

of Shares

2,614

\$0.00

16,561

D

3. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$115.04 to \$115.88, inclusive.

Code

M<sup>(1)</sup>

- 4. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$116.13 to \$116.69, inclusive.
- 5. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$118.00 to \$118.71, inclusive.
- 6. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$119.67 to \$119.68, inclusive.
- 7. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$120.37 to \$120.40, inclusive. 8. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$121.19 to \$121.96, inclusive.
- 9. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$123.64 to \$123.88, inclusive.
- 10. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$124.28 to \$124.33, inclusive.
- 11. The option vests as to one third on the first anniversary of the of the vesting commencement date, February 5, 2020, and at a rate of 4.17% each month thereafter until the option is fully vested.

Remarks:

By: /s/ Christine Bellon, Attorney-in-fact

07/08/2021

\*\* Signature of Reporting Person

Data

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.