FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 |
|-------------|------|-------|
|-------------|------|-------|

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

|     | OMB APPROVAL        |           |  |  |  |  |  |  |  |  |
|-----|---------------------|-----------|--|--|--|--|--|--|--|--|
|     | OMB Number:         | 3235-0287 |  |  |  |  |  |  |  |  |
|     | Estimated average b | urden     |  |  |  |  |  |  |  |  |
| - 1 | hours nor rosponso: | 0.5       |  |  |  |  |  |  |  |  |

Check this box if no longer subject to 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*     Mainolfi Nello   |          |   |                               |                                   |             | 2. Issuer Name <b>and</b> Ticker or Trading Symbol  Kymera Therapeutics, Inc. [ KYMR ] |                  |   |               |  |   |                          |   |   | Relationship of Reporting Person(s) to Issuer (Check all applicable)     X Director 10% Owner     Officer (give title Other (specify       |  |   |            |       |  |
|--|----------|---|-------------------------------|-----------------------------------|-------------|--|------------------|---|---------------|--|---|--------------------------|---|---|--|--|---|------------|-------|--|
|  | MERA THI | irst)<br>ERAPEUTICS, 1<br>RDS BLVD., SU |                               |                                   |             | 3. Date of Earliest Transaction (Month/Day/Year) 04/08/2021                            |                  |   |               |  |   |                          |   |   | Officer (give title below)  Chief Executive Officer  |  |   |            | респу |  |
| (Street) WATER   | ΓOWN M   | [A                                      | 02472                         |                                   | _   4.<br>_ | 4. If Amendment, Date of Original Filed (Month/Day/Year)                               |                  |   |               |  |   |                          |   |   | 6. Individual or Joint/Group Filing (Check App<br>Line)  X Form filed by One Reporting Person  Form filed by More than One Repor<br>Person |  |   |            |       |  |
| (City)   | (S       |   | (Zip)                         | lon Davi                          |             | - C  |                  | ioo A.                                  |               |  | :   | f or D                   |   | ن داله د  | Oursed   |  |   |            |       |  |
| 1. Title of Security (Instr. 3)  2. Transa Date (Month/D   |          | tion                                    | on 2A. Deemed Execution Date, |                                   |             |  |                  | Acquired (A) or (D) (Instr. 3, 4 and 5) |               |  | 5. Amount of<br>Securities<br>Beneficially<br>Owned Following |                          | 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                    |   | Reporte<br>Transac<br>(Instr. 3   | tion(s)  |  |   | (Instr. 4) |       |  |
| Common   | Stock    |   |                               | 04/08/2021                        |             | 1  |                  | M                                       |               | 9,939  | A   | \$2.08                   |   | 386   | 386,138  |  | D   |            |       |  |
| Common Stock 04/08/20  |          |   | 2021                          | 21                                |             |  | S <sup>(1)</sup> |   | 7,616         | D  | \$34.8062(2)  |                          | 378   | 3,522   |  | D  |   |            |       |  |
| Common Stock 04/08/2   |          |   | 2021                          | )21                               |             |  | S <sup>(1)</sup> | Ш                                       | 2,323         | D  | \$35.6  | \$35.6211 <sup>(3)</sup> |   | 376,199   |  | D  |   |            |       |  |
| Common Stock   |          |   | 04/09/2021                    |                                   | 1           |  |                  | M                                       | Ш             | 22,794   | A   | \$2.08                   |   | 398   | 8,993  |  | D   |            |       |  |
| Common Stock 04/09   |          |   | 04/09/2                       | 2021                              | 021         |  |                  | S <sup>(1)</sup>                        |               | 19,052   | D   | \$33.5                   | S33.5832 <sup>(4)</sup>   |   | 9,941  |  | D   |            |       |  |
| Common Stock   |          |   | 04/09/2                       | 9/2021                            |             |  |                  | S <sup>(1)</sup>                        |               | 3,742  | D   | \$34.1                   | \$34.1858 <sup>(5)</sup>  |   | 376,199  |  | D   |            |       |  |
| Common Stock   |          |   | 04/12/2021                    |                                   |             |  | M                | Ш                                       | 15,267        | A  | \$2.  | \$2.08                   |   | 391,466   |  | D  |   |            |       |  |
| Common Stock 04/12/20  |          |   |                               | 2021                              | 21          |  |                  | S <sup>(1)</sup>                        |               | 10,362   | D   | \$32.2878 <sup>(6)</sup> |   | 381,104   |  |  | D   |            |       |  |
| Common Stock 04/12   |          |   | 04/12/2                       | 2021                              |             |  |                  |   |               | D  | 1,1111  |                          |   |   |  |  |   |            |       |  |
|  |          | ٦                                       | Table I                       |                                   |             |  |                  |   |               |  | sposed of,<br>, convertil                                     |                          |   |   | wned   |  |   |            |       |  |
| 1. Title of Derivative Security (Instr. 3)  2. Conversion or Exercise Price of Derivative Security  3. Transaction Date (Month/Day/Year)  (Month/Day/Year)  3. Transaction Date (Execution Date (Month/Day/Year)  (Month/Day/Year) |          | ion Date,                               |                               | Transaction<br>Code (Instr.<br>3) |             |  |                  | e Exer<br>ation D<br>h/Day/             |               | 7. Title and Amo<br>of Securities<br>Underlying<br>Derivative Secu<br>(Instr. 3 and 4) |   | S                        | Price of erivative ecurity nstr. 5)                               | 9. Number<br>derivative<br>Securities<br>Beneficial<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4) | ly   | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>ect (Instr. 4) |            |       |  |
|  |          |   |                               |                                   | Code        | v  | (A)              | (D)                                     | Date<br>Exerc | isable   | Expiration<br>Date  | Title                    | Amo<br>or<br>Num<br>of<br>Shar                                    | ber   |  |  |   |            |       |  |
| Stock<br>Option<br>(Right to<br>Buy)   | \$2.08   | 04/08/2021                              |                               |                                   | M           |  |                  | 9,939                                   | (8)           |  | 11/13/2019  | Common<br>Stock          | 9,9   | 39  | \$0.00   | 282,786  |   | D          |       |  |
| Stock<br>Option<br>(Right to<br>Buy)   | \$2.08   | 04/09/2021                              |                               |                                   | М           |  |                  | 22,794                                  | 4 (8)         |  | 11/13/2019  | Common<br>Stock          | 22,7  | 22,794  |  | 259,992  |   | D          |       |  |
| Stock<br>Option<br>(Right to<br>Buy)   | \$2.08   | 04/12/2021                              |                               |                                   | М           |  |                  | 15,267                                  | (i            | 8)   | 11/13/2019  | Common<br>Stock          | 15,2  | 267   | \$0.00   | 244,72   | 5   | D          |       |  |

## **Explanation of Responses:**

- $1.\ This\ sale\ was\ effected\ pursuant\ to\ a\ Rule\ 10b5-1\ trading\ plan\ adopted\ on\ November\ 6,\ 2020.$
- 2. The price reported in Column 4 is a weighted average price. The shares were sold in multiple transactions at prices ranging from \$34.235 to \$35.195. Full information regarding the number of shares sold at each separate price can be furnished to the SEC staff upon request.
- 3. The price reported in Column 4 is a weighted average price. The shares were sold in multiple transactions at prices ranging from \$35.38 to \$35.92. Full information regarding the number of shares sold at each separate price can be furnished to the SEC staff upon request.
- 4. The price reported in Column 4 is a weighted average price. The shares were sold in multiple transactions at prices ranging from \$32.985 to \$33.975. Full information regarding the number of shares sold at each separate price can be furnished to the SEC staff upon request.
- 5. The price reported in Column 4 is a weighted average price. The shares were sold in multiple transactions at prices ranging from \$33.985 to \$34.60. Full information regarding the number of shares sold at each separate price can be furnished to the SEC staff upon request.
- 6. The price reported in Column 4 is a weighted average price. The shares were sold in multiple transactions at prices ranging from \$31.92 to \$32.915. Full information regarding the number of shares sold at each separate price can be furnished to the SEC staff upon request.
- 7. The price reported in Column 4 is a weighted average price. The shares were sold in multiple transactions at prices ranging from \$32.92 to \$33.88. Full information regarding the number of shares sold at each separate price can be furnished to the SEC staff upon request.
- 8. The shares underlying this stock option shall vest upon the achievement of specified performance-based milestones.

## Remarks:

/s/ Bruce Jacobs, as Attorneyin-Fact

\*\* Signature of Reporting Person

Date

04/12/2021

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.