| SEC For   | m 4   |  |  |      |  |  |        |   |                    |   |  |   |  |               |  |  |  |
|---|---|--|--|------|--|--|--------|---|--------------------|---|--|---|--|---------------|--|--|--|
| FORM 4 UNITED STA   |   |  |  |      | S SE   | _  |        | ES AND  |                    | NGE C   | OMMI                                   | SSION   |  | OMB           | APPRO\   | /AL  |  |
| Section 16. Form 4 or Form 5<br>obligations may continue. See                     |   |  |  |      |  | T 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 |        |   |                    |   |  |   | Estimated average burden   |               |  | 0.5  |  |
| 1. Name and Address of Reporting Person <sup>*</sup><br>Szela Mary T              |   |  |  |      |  | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br>Omega Therapeutics, Inc. [OMGA]  |        |   |                    |   |  |   | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br>X Director 10% Owner                         |               |  |  |  |
| (Last) (First) (Middle)<br>C/O OMEGA THERAPEUTICS, INC.                           |   |  |  |      | 3. Date of Earliest Transaction (Month/Day/Year)<br>06/08/2022 |  |        |   |                    |   |  | Officer (give title Other (specify below) below)  |  |               |  |  |  |
| 20 ACORN PARK DRIVE   |   |  |  |      | 4. If Amendment, Date of Original Filed (Month/Day/Year)       |  |        |   |                    |   |  | 6. Individual or Joint/Group Filing (Check Applicable<br>Line)                          |  |               |  |  |  |
| CAMBRIDGE MA 02140  |   |  |  |      |  |  |        |   |                    |   |  | X Form filed by One Reporting Person<br>Form filed by More than One Reporting<br>Person |  |               |  |  |  |
| (City)  | (S  | itate)                                     |  |      |  |  |        |   |                    |   |  |   |  |               |  |  |  |
| Table I - Non-Deriva   1. Title of Security (Instr. 3)   2. Transa Date (Month/D) |   |  |  |      | ction 2A. Deemed<br>Execution Date                             |  |        | , 3. 4. Secu<br>Transaction Dispos<br>Code (Instr. 5) |                    | of, or Beneficia<br>rities Acquired (A) or<br>ad Of (D) (Instr. 3, 4 ar                     |  | 5. Amou<br>Securitie<br>Beneficia<br>Owned F  | nt of<br>es<br>ally<br>following   | Form<br>(D) o | r Indirect 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)    |  |  |  |
|   |   | -  | Table II - De<br>(e.ę                                    |      |  |  |        | uired, Dis<br>s, options,                             |                    |   |  | 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. Deemed<br>Execution Date<br>if any<br>(Month/Day/Yea | Code | saction<br>(Instr.   | 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 Exerc<br>Expiration Da<br>(Month/Day/N        | ate                | 7. Title and Amour<br>of Securities<br>Underlying<br>Derivative Securit<br>(Instr. 3 and 4) |  | Derivative<br>Security  | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 4) |               | 10.<br>Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|   |   |  |  | Cod  | v  | (A)  | (D)    | Date<br>Exercisable                                   | Expiration<br>Date | Title   | Amount<br>or<br>Number<br>of<br>Shares |   |  |               |  |  |  |
| Option<br>(Right to<br>Buy)   | \$3.31  | 06/08/2022                                 |  | А    |  | 18,118   |        | (1)   | 06/07/2032         | Common<br>Stock   | 18,118                                 | \$0.00  | 18,11  | 8             | D  |  |  |

Explanation of Responses:

1. The options vest and become exercisable on the earlier of (i) the date of the Issuer's next annual meeting of stockholders and (ii) the first anniversary of the date of grant, subject to the Reporting Person's continued service on the Issuer's Board of Directors through such vesting date.

## Remarks:

/s/ Barbara Chan as Attorneyin-Fact for Mary T. Szela

06/10/2022

\*\* 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.