| SEC For  | rm 4<br>FORM   | 4 U | NITEI                           | ) STAT   | res s  | SEC   | URITIE   | 5 AN | DE  | ХСНА                  | NG  | SE CO                        | OMN   | /ISSIO  | N           |  |                      |  |
|--|--|-----|---------------------------------|--|--|---|--|------|---|-----------------------|---|------------------------------|---|---|-------------|--|----------------------|--|
|  |  |     |                                 |  |  | Washington, D.C. 20549  |  |      |   |                       |   |                              |   |   |             | OMB APPROVAL   |                      |  |
| Check this box if no longer subject<br>to Section 16. Form 4 or Form 5<br>obligations may continue. See<br>Instruction 1(b). |  |     |                                 | Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934<br>or Section 30(h) of the Investment Company Act of 1940 |  |   |  |      |   |                       |   |                              |   | RSHIP   | Estin       | OMB Number: 3235-0287<br>Estimated average burden<br>hours per response: 0.5 |                      |  |
| 1. Name and Address of Reporting Person*<br>BEN-MAIMON CAROLE  |  |     |                                 | 2. Issuer Name <b>and</b> Ticker or Trading Symbol<br><u>Larimar Therapeutics, Inc.</u> [ LRMR ]                                 |  |   |  |      |   |                       |   |                              | 5. Relationship of Reporting Person(s) to Issue<br>(Check all applicable)<br>X Director 10% Owner<br>Officer (circe title                                 |   |             |  | wner                 |  |
| (Last)(First)(Middle)C/O LARIMAR THERAPEUTICS, INC.THREE BALA PLAZA EAST, SUITE 506  |  |     |                                 |  | 3. Date of Earliest Transaction (Month/Day/Year)<br>06/26/2020 |   |  |      |   |                       |   |                              |   | X Officer (give title Other (specify below) below) President and CEO  |             |  |                      |  |
| (Street)<br>BALA PA 19004<br>CYNWYD  |  |     |                                 | 4. If Amendment, Date of Original Filed (Month/Day/Year)   |  |   |  |      |   |                       |   |                              | 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) (State) (Zip)   |  |     |                                 |  | tive Securities Acquired, Disposed of, or Benef                |   |  |      |   |                       |   |                              |   |   |             |  |                      |  |
|  |  |     | I - Noi                         |  |  |   |  | -    | Dis   |                       |   |                              |   |   |             |  |                      |  |
| 1. Title of Security (Instr. 3)<br>2. Transac<br>Date<br>(Month/Da   |  |     |                                 |  | Execution Date,  |   | 3.<br>Transaction<br>Code (Instr.<br>8)                        |      | 4. Securities Acquired (A<br>Disposed Of (D) (Instr. 3,<br>5) |                       | 1 (A) or<br>7. 3, 4 ai  | nd Securi<br>Benefi<br>Owned | cially<br>I 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                        | ice Reported<br>Transaction(s)<br>(Instr. 3 and 4)  |   |             |  | (Instr. 4)           |  |
| Common Stock 06/26/2   |  |     |                                 | 2020   |  |   | <b>J</b> <sup>(1)</sup>  |      | 25,083  | 3                     | Α   | \$ <mark>0</mark>            | 2   | 5,083   |             | D  |                      |  |
|  |  | Ta  |                                 |  |  |   | ies Acqui<br>varrants,   |      |   |                       |   |                              |   |   | d           |  |                      |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | ative Conversion Date Execution<br>ity or Exercise (Month/Day/Year) if any |     | n Date, Transactio<br>Code (Ins |  |  | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |      |   | A<br>S<br>U<br>D<br>S | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>3 and 4) |                              | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)   | 9. Number<br>derivative<br>Securities<br>Beneficial<br>Owned<br>Following<br>Reported<br>Transactic<br>(Instr. 4) | ly D<br>(I) | 0.<br>wynership<br>orm:<br>irect (D)<br>r Indirect<br>) (Instr. 4)           | Beneficia<br>Ownersh |  |

Explanation of Responses:

1. Pro rata distribution from Chondrial Therapeutics Holdings, LLC ("Holdings") to its members, for no consideration. The reporting person is a member of the board of managers and President and Chief Executive Officer of Holdings.

Date Exercisable

Expiration Date

| <u>/s/ Jennifer Johansson,</u>   | 06/20/2020        |  |  |
|----------------------------------|-------------------|--|--|
| Attorney-in-fact                 | <u>06/30/2020</u> |  |  |
| ** Signature of Reporting Person | Date              |  |  |

\*\* Signature of Reporting Person

Amount or Number of Shares

Title

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

 $\ast$  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).

Code v (A) (D)

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.