## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

| SIMIES | SECURIT | IES AIN     |       | HANGE | COMMINIS | JUC |
|--------|---------|-------------|-------|-------|----------|-----|
|        | \\/aa   | hington D.C | 20540 |       |          |     |

OMB APPROVAL

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

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

Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person*                                      |   |            |          |                     | 2. Issuer Name and Ticker or Trading Symbol LEAP THERAPEUTICS, INC. [ LPTX ] |  |        |   |        |   |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |   |   |  |            |  |
|---|---|------------|----------|---------------------|--|--|--------|---|--------|---|--|---|---|---|--|------------|--|
| ONSI DOUGLAS E  |   |            |          |                     | ELL ITTERIORIES, ITC. [ LITA ]   |  |        |   |        |   | [  | Director  | •   | 10%   | Owner                                      |            |  |
| (Last)  | (F  | irst)      | (Middle) | <br>                | . Date   | of Earliest  | Transa | action (Mor   | nth/Da | ay/Year)  |  |   | Officer below)                            | (give title   | Other<br>below                             | (specify   |  |
| C/O LEAP THERAPEUTICS, INC.   |   |            |          |                     | 3. Date of Earliest Transaction (Month/Day/Year) 10/02/2024                  |  |        |   |        |   |  | CEO,CFO,Pres.,GC,Treas.,&Sec.   |   |   |  |            |  |
| 47 THORNDIKE STREET SUITE B1-1  |   |            |          |                     |  |  |        |   |        |   |  |   |   |   |  |            |  |
|   |   |            |          | 4                   | 4. If Amendment, Date of Original Filed (Month/Day/Year)                     |  |        |   |        |   |  | 6. Individual or Joint/Group Filing (Check Applicable                   |   |   |  |            |  |
| (Street)  |   |            |          |                     |  |  |        |   |        |   |  |   | Line)  Form filed by One Reporting Person |   |  |            |  |
| CAMBR   | IDGE M  | ÍΑ         | 02141    |                     |  |  |        |   |        |   |  | 1   | _   | •   | than One Rep                               | I          |  |
|   |   |            |          |                     |  |  |        |   |        |   |  |   | Person                                    | ca by more  | than one rep                               | orung      |  |
| (City)  | (5  | State)     | (Zip)    |                     |  |  |        |   |        |   |  |   |   |   |  |            |  |
|   | Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned                |            |          |                     |  |  |        |   |        |   |  |   |   |   |  |            |  |
| 1. Title of Security (Instr. 3)  2. Transa Date (Month/D                      |   |            |          |                     | Execution Date,  |  |        | 3. Transaction Code (Instr. 8)  4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4)   |        |   |  | 5. Amour<br>Securities<br>Beneficia<br>Owned F                          | s F                                       | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership |            |  |
|   |   |            |          |                     |  |  |        | Code  | v      | Amount  | nount (A) or (D)   |   | Transacti                                 | Reported<br>Transaction(s)<br>(Instr. 3 and 4)                    |  | (Instr. 4) |  |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned |   |            |          |                     |  |  |        |   |        |   |  |   |   |   |  |            |  |
|   |   |            | (е       | g., put             | s, cal   | ls, warr   | ants,  | , options   | s, co  | onverti   | ble secu   | ırities)  |   |   |  |            |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)                           | perivative Conversion Date Execution Date, Transcription or Exercise (Month/Day/Year) if any Co |            | Code     | nsaction Derivative |  | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |        | 7. Title and Amount<br>of Securities<br>Underlying<br>Derivative Security<br>(Instr. 3 and 4) |        | 8. Price of<br>Derivative<br>Security<br>(Instr. 5) | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s) | Ownersl<br>Form:<br>Direct (E<br>or Indire<br>(I) (Instr.               | Beneficial<br>Ownership<br>(Instr. 4)     |   |  |            |  |
|   |   |            | Code     |                     |  | Date<br>Exercisable  |        | piration<br>ate   | Title  | Amount<br>or<br>Number<br>of Shares                 |  | (Instr. 4)  |   |   |  |            |  |
| Employee<br>Stock<br>Option<br>(Right to<br>Buy)                              | \$2.45  | 10/02/2024 |          | A                   |  | 170,000  |        | (1)   | 10     | /02/2034  | Common<br>Stock  | 170,000   | \$0                                       | 170,000   | ) D  |            |  |

## **Explanation of Responses:**

1. The Option was granted pursuant to Leap's 2022 Equity Incentive Plan. By its terms, the Option shall vest and become exercisable for the shares underlying the Option in a series of 36 equal monthly installments for so long as the reporting person continues to be employed by or provides service to the Company, with the first of such monthly installments vesting on the one month anniversary of October 2, 2024.

/s/ Douglas E. Onsi

10/04/2024

\*\* 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.