FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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

| STATEMENT OF CHANGES IN BENEFICIAL | OWNERSHIP |
|------------------------------------|-----------|
|                                    |           |

| OMB APPROVAL             |     |  |  |  |  |  |  |
|--------------------------|-----|--|--|--|--|--|--|
| OMB Number: 3235-0287    |     |  |  |  |  |  |  |
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| hours per response.      | 0.5 |  |  |  |  |  |  |

|   | tion 1(b).  | nao. oco                                   |   | File  | ed pur   | suant  | to Section                                   | 16(a                             | a) of the Seci  | urities                   | s Exchan   | ae Act of 1                                | 934   |  | liouist                                | per resp   | Julise.  | 0.5    |
|---|---|--|---|---|--|--|--|----------------------------------|---|---------------------------|------------|--|---|--|--|--|--|--------|
|   | . ,   |  |   |   |  |  |  |                                  | Învestment  |                           |            |  |   |  |  |  |  |        |
| 1. Name and Address of Reporting Person*  Richard Christian M |   |  |   |   | 2. Issuer Name and Ticker or Trading Symbol LEAP THERAPEUTICS, INC. [ LPTX ] |  |  |                                  |   |                           |            |  | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |  |  |  |  |        |
| Nichard Christian W   |   |  |   |   |  |  |  |                                  |   |                           |            | _  | X Director 10% Owner  |  |  |  | ner  |        |
| (Last)  | (F  | irst)                                      | (Middle)  |   |  | 3. Date of Earliest Transaction (Month/Day/Year) 08/23/2023  |  |                                  |   |                           |            |  |   | Office<br>below  | (give title                            |  | Other (spectors)   | pecify |
| C/O LEAP THERAPEUTICS, INC.                                   |   |  |   | 4 1   | 4. If Amendment, Date of Original Filed (Month/Day/Year)                     |  |  |                                  |   |                           |            | 6.1  | 6. Individual or Joint/Group Filing (Check Applicable                   |  |  |  |  |        |
| 47 THORNDIKE STREET SUITE B1-1                                |   |  |   |   | monanism, bate of original rines (monanibaly rotal)                          |  |  |                                  |   |                           |            | Lin  | 2)  |  |  |  |  |        |
| ,   |   |  |   |   | -  |  |  |                                  |   |                           |            |  |   |  | filed by One Reporting Person          |  |  |        |
| (Street) CAMBRIDGE MA 02141                                   |   |  |   | Form filed by More than One Reporting<br>Person |  |  |  |                                  |   |                           |            |  | ting  |  |  |  |  |        |
| CAMBR   | IDGE IV.  | IA.  | 02141   |   | R  | Rule 10b5-1(c) Transaction Indication  |  |                                  |   |                           |            |  |   |  |  |  |  |        |
| (City)  | (9  | tate)                                      | (Zip)   |   | ` '`'  | uic  | 1005 .                                       | <u> </u>                         | Hansa   | Clic                      | JII IIIG   | ication                                    |   |  |  |  |  |        |
| (Oily)  | (0  | idic)                                      | ( <b>L</b> ip)                                    |   | ΙП   | Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. |  |                                  |   |                           |            |  |   |  |  |  |  |        |
|   |   |  |   |   |  | Julio  | ny trie tillir                               | nauve                            | deterise cone   | 11110113                  | or reale 1 | 050 1(0). 00                               | e monden  |  |  |  |  |        |
|   |   | Tab  | le I - Nor  | ı-Deriv   | /ativ  | e Se   | curities                                     | s Ac                             | quired, D   | ispo                      | osed o     | f, or Be                                   | neficial  | ly Owned   | I                                      |  |  |        |
| 1. Title of Security (Instr. 3)  2. Transa Date (Month/D      |   |  |   |   | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year)                  |  |  | Transaction Disposed Of (D) (Ins |   | ed (A) or<br>tr. 3, 4 and | Securiti   | 5. Amount of<br>Securities<br>Beneficially |   | Form: Direct   | 7. Nature<br>of Indirect<br>Beneficial |  |  |        |
|   |   |  | (   |   |  |  |  |                                  |   |                           |            |  | Following (I)   |  | (Instr. 4)                             | Ownership<br>(Instr. 4)  |  |        |
|   |   |  |   |   |  |  | Code   | ,                                | Amount  | (A) or<br>(D)             | Price      | Transac<br>(Instr. 3                       | tion(s)   |  | '                                      | 1113tl. 4)   |  |        |
|   |   | -  | Table II - I                                      | Deriva  | tive   | Sec  | urities                                      | Aca                              | uired. Dis  | spos                      | sed of.    | or Ben                                     | eficially   | Owned  | <u> </u>                               |  | ,  |        |
|   |   |  |   |   |  |  |  |                                  | , options   |                           |            |  |   | •  |  |  |  |        |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)           | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative | 3. Transaction<br>Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution I<br>if any<br>(Month/Day | Date,   | Code (Instr.   |  | n of<br>Derivative<br>Securities<br>Acquired |                                  | 6. Date Exercisable and Expiration Date (Month/Day/Year) 7. Title and An of Securities Underlying Derivative Sec (Instr. 3 and 4) |                           |            | ies<br>g<br>Security                       | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)                     | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | ly i                                   | 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) |        |
|   | Security  |  |   |   |  | (A) or<br>Disposed<br>of (D) (Instr.<br>3, 4 and 5)  |  |                                  | Disposed of (D) (Instr.   |                           |            |  |   |  |  |  |  |        |
|   |   |  |   | Γ   |  |  |  |                                  |   |                           |            |  | Amount  | ]  |  |  |  |        |
|   |   |  |   |   |  |  |  |                                  | Date  | Ex                        | piration   |  | Number  |  |  |  |  |        |
|   |   |  |   |   | Code   | v  | (A)  | (D)                              | Exercisable   |                           |            | Title                                      | Shares  |  |  |  |  |        |
| Stock<br>Option<br>(Right to<br>Buy)                          | \$2.21  | 08/23/2023                                 |   |   | A  |  | 15,000                                       |                                  | (1)   | 08/                       | /23/2033   | Common<br>Stock                            | 15,000  | \$0  | 15,000                                 |  | D  |        |

1. The Option was granted pursuant to Leap's 2022 Equity Incentive Plan, as amended. By its terms, the Option shall vest and become exercisable for the shares underlying the Option in a series of 4 quarterly installments on each of November 23, 2023, February 23, 2024, May 23, 2024 and August 23, 2024 for so long as the reporting person continues to be a director, consultant or service provider of the Company.

/s/ Douglas E. Onsi as attorneyin-fact for Christian M. Richard

\*\* Signature of Reporting Person

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.

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