

OMB APPROVAL	
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

1. Name and Address of Reporting Person* <u>O'Mahony John Mark</u>  (Last) (First) (Middle) <u>C/O LEAP THERAPEUTICS, INC.</u> <u>47 THORNDIKE STREET, SUITE B1-1</u>  (Street) <u>CAMBRIDGE MA 02141</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>LEAP THERAPEUTICS, INC. [ LPTX ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director <span style="float:right">10% Owner</span> <input checked="" type="checkbox"/> Officer (give title below) <span style="float:right">Other (specify below)</span> <u>Chief Manufacturing Officer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>01/26/2024</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
<u>Common Stock</u>	<u>01/26/2024</u>		<u>M</u>		<u>5,000</u>	<u>A</u>	<u>(1)</u>	<u>5,000<sup>(2)</sup></u>	<u>D</u>	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
<u>Restricted Stock Units</u>	<u>(1)</u>	<u>01/26/2024</u>		<u>M</u>		<u>5,000</u>		<u>(3)</u>	<u>(3)</u>	<u>Common Stock</u>	<u>5,000</u>	<u>\$0</u>	<u>0</u>	<u>D</u>	

**Explanation of Responses:**

1. Restricted Stock Units convert into common stock on a one-for-one basis.
2. The share numbers reflected in Tables I and II have been adjusted to take into account a 10-for-1 reverse stock split of the Company's common stock that was effected on June 20, 2023.
3. On January 26, 2021, the reporting person was granted 5,000 Restricted Stock Units, vesting on January 26, 2024 or upon a change of control, whichever is earlier, provided that the grantee continues to be employed by, or provides service to the Company from the grant date to the vesting date of the Restricted Stock Units. At such time as the Restricted Stock Units vest, one share of Common Stock shall be issued automatically in settlement of each Restricted Stock Unit.

/s/ Douglas E. Onsi, as attorney-in-fact for John Mark O'Mahony 01/30/2024

\*\* 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.

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