FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

<b>STATEMENT</b>	OF CH	ANGES IN	I BENEFICIAL	OWNERSHIP

UIVID APPR	OVAL
OMB Number:	3235-0287
Estimated average bure	den
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).

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

Name and Address of Reporting Person*     ONSI DOUGLAS E				2. Issuer Name and Ticker or Trading Symbol LEAP THERAPEUTICS, INC. [ LPTX ]								Relationship of Reporting Person(s) to Issuer (Check all applicable)     Director X 10% Owner						
	ast) (First) (Middle) /O LEAP THERAPEUTICS, INC. 7 THORNDIKE STREET SUITE B1-1				3. Date of Earliest Transaction (Month/Day/Year) 01/23/2017							X	below)		tle Other (spec below) Counsel,Treas, Sec.		pecify	
(Street) CAMBR (City)	IDGE M	IA State)	02141 (Zip)	4							6. Ind Line)	Form file	Joint/Group Filing (Check Applicable filed by One Reporting Person filed by More than One Reporting on					
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3)  2. Transa Date (Month/D			e	action 2A. Deemed Execution Date, if any (Month/Day/Year)		Code (Instr.			) or 4 and 5)	5. Amount Securities Beneficial Owned Fo	Form:		: Direct Ir r Indirect B str. 4) C	. Nature of ndirect Beneficial Ownership Instr. 4)				
							C	ode V	Amou	unt (A) or Pi		Price	Reported Transactio (Instr. 3 ar	ion(s)		"	115(1.4)	
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)	Derivative Conversion Date Execution Date, To Security or Exercise (Month/Day/Year) if any C					6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		rlying	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s)		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)			
				Code	v	(A)	(D)	Date Exerci	isable	Expiration Date	Title		unt or ber of es		(Instr. 4)	ion(s)		
Stock Option (Right to Buy)	\$9.9	01/23/2017		A		330,303		(1	1)	01/22/2027	Common Stock, \$0.001 par value per share	330	,303(1)	\$0	330,3	03	D	

## **Explanation of Responses:**

1. The Option was granted pursuant to Leap's Amended and Restated 2012 Equity Incentive Plan and shall vest and become exercisable with respect to 33 1/3% of the Option Shares on the one-year anniversary of January 23, 2017, the Vesting Start Date (the "First Vesting Date"), after which it shall vest in a series of 24 equal monthly installments until the Option is fully vested, with the first such monthly installment vesting on the one-month anniversary of the First Vesting Date.

<u>/s/ Douglas E. Onsi</u>

01/23/2017

\*\* 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.