

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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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>Santini Alexander A</u>	2. Date of Event Requiring Statement (Month/Day/Year) 11/17/2016	3. Issuer Name and Ticker or Trading Symbol <u>LEXICON PHARMACEUTICALS, INC. [ LXRX ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> Officer (give title below) 10% Owner Other (specify below) <u>EVP and CCO</u>	5. If Amendment, Date of Original Filed (Month/Day/Year)
(Last) (First) (Middle) 8800 TECHNOLOGY FOREST PLACE			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
(Street) THE WOODLANDS TX 77381			
(City) (State) (Zip)			

## Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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## Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock Option (Right to Buy)	(1)	02/11/2026	Common Stock	21,960	8.2	D	
Restricted Stock Units (Phantom Stock)	(2)	(2)	Common Stock	9,410	(3)	D	
Stock Option (Right to Buy)	(4)	04/20/2025	Common Stock	18,571	7.21	D	

## Explanation of Responses:

- Option vests with respect to 25% of the shares subject to the option on the first anniversary of grant (2/11/2017) and vests 1/48th per month for each month of service thereafter.
- Restricted stock units vest with respect to 25% of the shares subject to the restricted stock units on February 28, 2017 and vest an additional 25% on February 28 of each of the three succeeding years thereafter.
- Each restricted stock unit represents a contingent right to receive one share of common stock.
- Option vests with respect to 25% of the shares subject to the option on the first anniversary of grant (4/20/2016) and vests 1/48th per month for each month of service thereafter.

/s/ Alexander A. Santini 11/22/2016

\*\* 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 5 (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.