| SEC | Form | 4 |
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FORM 4

Check this box if no longer subject to

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

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| | OMB Number: | 3235-0287 |
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| U obligat | n 16. Form 4 o tions may conti ttion 1(b). | | | to Section 16(a | | | | | | | 4 | | | ated ave per res | erage burder ponse: | n 0.5 | | | |
|---|--|---|---|-----------------|---|--|--|--|--------|---|--|--|-------------------------------|--|---|----------|--|--|--|
| ZAMB (Last) | nd Address of ROWIC2 (F CHNOLOC | or Section 30(h) of the Investment Company Act of 1940 Issuer Name and Ticker or Trading Symbol LEXICON PHARMACEUTICALS, INC./DE [LXRX] S. Date of Earliest Transaction (Month/Day/Year) 02/08/2013 | | | | | | | | | elationship of Reporting Person(s) to Issuer eck all applicable) Director 10% Owner X Officer (give title Other (specify below) EVP, Chief Scientific Officer | | | | wner specify | | | | |
| (Street) THE WOODI (City) | | State) | 77381 (Zip) | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | vidual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| Table I - Non-Deriv 1. Title of Security (Instr. 3) 2. Trans. Date (Month/I) | | | ay/Year) Execution Date, if any (Month/Day/Year) I Transaction Code (Instr. 8) (A) or (A) or | | | | | | (A) or | 5. Amount of 6. Ov Securities Form Beneficially (D) o | | | Direct Indirect str. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 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) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Da if any (Month/Day/N | Co | 5. Number of Derivative de (Instr. 6. Date Exercisable and Expiration Date (Month/Day/Year) 7. Title and Amo of Securities Underlying Derivative Secu (Instr. 3 and 4) 3. 4 and 5 1. And 5 1. And 5 | | | | | curity | 8. Price of Derivative Security (Instr. 5) | 9. Numbe derivative Securitie Beneficia Owned Following Benorted | e s ally g | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) | | | | |

| | | | | | | -, | | | | | | Transaction(s) | | |
|--|--------|------------|------|---|---------|-----|---------------------|--------------------|-----------------|-------------------------------------|-----|----------------|---|--|
| | | | Code | v | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | (Instr. 4) | | |
| Restricted Stock Units (Phantom Stock) | (1) | 02/08/2013 | A | | 80,000 | | (2) | (2) | Common Stock | 80,000 | \$0 | 80,000 | D | |
| Stock Option (Right to Buy) | \$2.09 | 02/08/2013 | A | | 320,000 | | (3) | 02/08/2023 | Common Stock | 320,000 | \$0 | 320,000 | D | |

Explanation of Responses:

1. Each restricted stock unit represents a contingent right to receive one share of common stock.

2. Restricted stock units vest with respect to 25% of the shares subject to the restricted stock units on February 28, 2014 and vest an additional 25% on February 28 of each of the three succeeding years

3. Option vests with respect to 25% of the shares subject to the option on the first anniversary of grant (2/8/2014) and vests 1/48th per month for each month of service thereafter

/s/ Brian P. Zambrowicz, Ph.D. 02/12/2013

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

 \ast 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.