

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

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| OMB APPROVAL | |
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

(Print or Type Responses)

| | | |
|--|---|---|
| 1. Name and Address of Reporting Person KIRK RANDAL J (Last) (First) (Middle) C/O THIRD SECURITY, LLC, 1881 GROVE AVENUE (Street) RADFORD, VA 24141 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol ORAGENICS INC [OGEN] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) |
| | 3. Date of Earliest Transaction (Month/Day/Year) 12/18/2013 | |
| | 4. If Amendment, Date Original Filed (Month/Day/Year) | 6. Individual or Joint/Group Filing (Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person |

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 | | | |
| Common Stock | 12/18/2013 | | C | | 698,241 | A | \$ 2.82 (1) | 8,838,666 | I | by Intrexon (2) |
| Common Stock | | | | | | | | 1,000,555 | I | by NRM VII Holdings (3) |

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

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 control number. SEC 1474 (9-02)

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 Underlying Securities (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 | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |
| Convertible Promissory Note | \$ 2.82 (1) | 12/18/2013 | | C | | \$ 1,956,000 | 12/18/2013 (1) | (1) | Common Stock | 698,241 | (1) | 0 | I | by Intrexon Corporation (2) |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| KIRK RANDAL J C/O THIRD SECURITY, LLC 1881 GROVE AVENUE RADFORD, VA 24141 | | X | | |
| INTREXON CORP C/O LEGAL DEPARTMENT 20374 SENECA MEADOWS PARKWAY GERMANTOWN, MD 20876 | | X | | |

Signatures

| | |
|--|--------------------|
| /s/ Randal J. Kirk, CEO of Intrexon Corporation Signature of Reporting Person | 12/26/2013 Date |
| /s/ Randal J. Kirk Signature of Reporting Person | 12/26/2013 Date |

Explanation of Responses:

* 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).

The Convertible Promissory Note (the "Note") in the amount of \$1,956,000 was issued on September 30, 2013 to Intrexon Corporation ("Intrexon"), at an interest rate of 3% per annum with a maturity date of December 31, 2013. Pursuant to its terms, the Note was payable to Intrexon, at the option of the Issuer, in cash or, upon obtaining the requisite shareholder approval, shares of (1) common stock at a conversion price equal to the closing price on the NYSE MKT of the Issuer's common stock on the trading day immediately prior to the date of conversion. The Issuer

obtained the requisite shareholder approval and elected to repay the Note in shares of Common Stock on December 18, 2013. The closing price of the Issuer's common stock on the trading day prior to such date, December 17, 2013, was \$2.82. The number of shares indicated includes conversion of the total principal amount of \$1,956,000 and interest in the amount of \$13,039.62.

- Randal J. Kirk, directly and through certain affiliates, has voting and dispositive power over a majority of the outstanding capital stock of Intrexon. Mr. Kirk may therefore be deemed to have
- (2) voting and dispositive power over the shares of the issuer owned by Intrexon. Shares held by Intrexon may be deemed to be indirectly beneficially owned (as defined under Rule 13d-3 promulgated under the Securities Exchange Act of 1934, as amended) by Mr. Kirk. Mr. Kirk disclaims beneficial ownership of such shares, except to the extent of any pecuniary interest therein.
 - (3) Randal J. Kirk controls NRM VII Holdings I, LLC ("NRM VII Holdings"). Shares held by this entity may be deemed to be indirectly beneficially owned (as defined under Rule 13d-3 promulgated under the Securities Exchange Act of 1934, as amended) by Mr. Kirk. Mr. Kirk disclaims beneficial ownership of such shares, except to the extent of any pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.