

Synthetic Biologics, Inc.  
Form 4  
April 21, 2014

**FORM 4**

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

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF  
SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or Section  
30(h) of the Investment Company Act of 1940

**OMB APPROVAL**

OMB  
Number: 3235-0287  
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2005  
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response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Riley Jeffrey Scott

(Last) (First) (Middle)

C/O SYNTHETIC BIOLOGICS,  
INC., 155 GIBBS STREET, SUITE  
412

(Street)

ROCKVILLE, MD 20850

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading  
Symbol  
Synthetic Biologics, Inc. [SYN]

3. Date of Earliest Transaction  
(Month/Day/Year)  
04/17/2014

4. If Amendment, Date Original  
Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

☒ Director ☐ 10% Owner  
☒ Officer (give title below) ☐ Other (specify  
below) CEO and President

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
☒ Form filed by One Reporting Person  
☐ Form filed by More than One Reporting  
Person

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

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

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

**Persons who respond to the collection of  
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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<br>Derivative | 2. Conversion | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if | 4. Transaction | 5. Number of<br>Derivative | 6. Date Exercisable and<br>Expiration Date | 7. Title and Amount<br>Underlying Securities |
|---------------------------|---------------|-----------------------------------------|----------------------------------|----------------|----------------------------|--------------------------------------------|----------------------------------------------|
|---------------------------|---------------|-----------------------------------------|----------------------------------|----------------|----------------------------|--------------------------------------------|----------------------------------------------|

## Edgar Filing: Synthetic Biologics, Inc. - Form 4

| Security<br>(Instr. 3)                | or Exercise<br>Price of<br>Derivative<br>Security | any<br>(Month/Day/Year) | Code<br>(Instr. 8) | Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4, and<br>5) | (Month/Day/Year) | (Instr. 3 and 4) |                           |                    |                 |                            |  |  |
|---------------------------------------|---------------------------------------------------|-------------------------|--------------------|-----------------------------------------------------------------------------|------------------|------------------|---------------------------|--------------------|-----------------|----------------------------|--|--|
|                                       |                                                   |                         | Code               | V                                                                           | (A)              | (D)              | Date Exercisable          | Expiration<br>Date | Title           | Amount<br>Number<br>Shares |  |  |
| Stock<br>Options<br>(Right to<br>Buy) | \$ 2.52                                           | 04/17/2014              | A                  |                                                                             | 500,000<br>(1)   |                  | 04/17/2014 <sup>(1)</sup> | 04/16/2024         | Common<br>Stock | 500,000                    |  |  |

## Reporting Owners

| Reporting Owner Name / Address                                                                              | Relationships |           |                   |       |
|-------------------------------------------------------------------------------------------------------------|---------------|-----------|-------------------|-------|
|                                                                                                             | Director      | 10% Owner | Officer           | Other |
| Riley Jeffrey Scott<br>C/O SYNTHETIC BIOLOGICS, INC.,<br>155 GIBBS STREET, SUITE 412<br>ROCKVILLE, MD 20850 | X             |           | CEO and President |       |

## Signatures

/s/ Jeffrey S.  
Riley

04/21/2014

\*\*Signature of  
Reporting Person

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).

(1) These options will vest monthly on a pro rated basis for 36 consecutive months.

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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