Tarriff Scott Form 4 December 21, 2017

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

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response...

Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

if no longer

subject to

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Tarriff Scott

2. Issuer Name and Ticker or Trading Symbol

Synthetic Biologics, Inc. [SYN]

5. Relationship of Reporting Person(s) to

Issuer

(Last) (First) 3. Date of Earliest Transaction

(Check all applicable)

C/O SYNTHETIC BIOLOGICS. INC., 9605 MEDICAL CENTER

DRIVE, SUITE 270

(Month/Day/Year)

X_ Director 10% Owner Officer (give title Other (specify below)

(Middle)

(Street) 4. If Amendment, Date Original

12/20/2017

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

ROCKVILLE, MD 20850

(City) (State) (Zip) 2. Transaction Date 2A. Deemed

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

1. Title of Security (Instr. 3)

(Month/Day/Year) Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned (I) Following (Instr. 4)

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 4)

Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Conversion 3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if

5. Number of TransactionDerivative

6. Date Exercisable and **Expiration Date**

7. Title and Amount Underlying Securities

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8	B) A D (I	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/Year		(Instr. 3 and 4	4)
				Code '	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amour Number Shares
Stock Options	\$ 0.52	12/20/2017		A	2	200,000 (1)		12/20/2018(1)	12/19/2024	Common Stock	200,0

Relationshine

Reporting Owners

Reporting Owner Name / Address	Ketationships						
1 8	Director	10% Owner	Officer	Other			
Tarriff Scott C/O SYNTHETIC BIOLOGICS, INC. 9605 MEDICAL CENTER DRIVE, SUITE 270 ROCKVILLE, MD 20850	X						

Signatures

/s/ Scott Tarriff 12/21/2017

**Signature of Date
Reporting Person

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 stock options vest in full on the one year anniversary of the grant date.

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.

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