Sliman Joseph A. 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 January 31, 2005

0.5

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response...

if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue.

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

2. Issuer Name and Ticker or Trading

30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Sliman Joseph A.

Symbol

12/20/2017

5. Relationship of Reporting Person(s) to Issuer

(First) (Middle) (Last)

Synthetic Biologics, Inc. [SYN] 3. Date of Earliest Transaction

(Check all applicable)

Chief Medical Officer

C/O SYNTHETIC BIOLOGICS. INC.,, 9605 MEDICAL CENTER (Month/Day/Year)

Director X_ Officer (give title below)

10% Owner Other (specify

DRIVE, SUITE 270

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line)

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

ROCKVILLE, MD 20850

Security

(Instr. 3)

(City) (Zip) 1. Title of 2. Transaction Date 2A. Deemed

(State)

(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)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (Instr. 4) (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 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 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) | Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | |) | (Instr. 3 and 4) | |
|---------------------|--|------------|-------------------------|-----------------|---|-----|-----------------------|--------------------|------------------|---------------|
| | | | | Code V | 7 (A) | (D) | Date Exercisable | Expiration Date | Title | Amous Numb |
| Stock | \$ 0.52 | 12/20/2017 | | A | 410,000 | | 12/20/2017 <u>(1)</u> | 12/19/2024 | Common | 410,0 |

(1)

Reporting Owners

Relationships Reporting Owner Name / Address Director 10% Owner Officer Other

Sliman Joseph A. C/O SYNTHETIC BIOLOGICS, INC., 9605 MEDICAL CENTER DRIVE, SUITE 270 ROCKVILLE, MD 20850

Chief Medical Officer

Stock

Signatures

Options

/s/ Joseph A. 12/21/2017 Sliman **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 options will vest monthly on a pro rata basis over 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. 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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