

Synthetic Biologics, Inc.  
 Form 3  
 January 18, 2017

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF 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

(Print or Type Responses)

<p>1. Name and Address of Reporting Person *</p> <p>Â Sliman Joseph A.</p> <p>(Last) (First) (Middle)</p> <p>C/O SYNTHETIC BIOLOGICS, INC.,Â 9605 MEDICAL CENTER DRIVE, STE. 270</p> <p>(Street)</p> <p>ROCKVILLE,Â MDÂ 20850</p> <p>(City) (State) (Zip)</p>	<p>2. Date of Event Requiring Statement</p> <p>(Month/Day/Year)</p> <p>01/17/2017</p>	<p>3. Issuer Name and Ticker or Trading Symbol</p> <p>Synthetic Biologics, Inc. [SYN]</p>	<p>4. Relationship of Reporting Person(s) to Issuer</p> <p>(Check all applicable)</p> <p><input type="checkbox"/> Director <input type="checkbox"/> 10% Owner  <input checked="" type="checkbox"/> Officer <input type="checkbox"/> Other                  (give title below) (specify below)                  CHIEF MEDICAL OFFICER</p>	<p>5. If Amendment, Date Original Filed(Month/Day/Year)</p>	<p>6. Individual or Joint/Group Filing(Check Applicable Line)</p> <p><input checked="" type="checkbox"/> Form filed by One Reporting Person  <input type="checkbox"/> Form filed by More than One Reporting Person</p>
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**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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**Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable      Expiration Date	Title      Amount or Number of			

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				Shares		or Indirect (I) (Instr. 5)	
Stock Option	02/24/2014	02/23/2019	Common Stock	350,000	\$ 2.73	D	Â
Stock Option	12/31/2014	12/30/2024	Common Stock	30,000	\$ 1.46	D	Â
Stock Option	12/04/2015	12/03/2022	Common Stock	275,000	\$ 2.76	D	Â
Stock Option	11/30/2016	11/29/2023	Common Stock	327,800	\$ 0.8	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Sliman Joseph A. C/O SYNTHETIC BIOLOGICS, INC., 9605 MEDICAL CENTER DRIVE, STE. 270 ROCKVILLE, MD 20850	Â	Â	Â CHIEF MEDICAL OFFICER	Â

## Signatures

/s/ Joseph  
Sliman 01/18/2017

Signature of Reporting Person Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, see Instruction 5(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.

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