

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
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>MONAHAN JOHN J</u> (Last) (First) (Middle) <u>C/O SYNTHETIC BIOLOGICS, INC.</u> <u>9605 MEDICAL CENTER DRIVE, #270</u> (Street) <u>ROCKVILLE MD 20850</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>11/11/2020</u>	3. Issuer Name and Ticker or Trading Symbol <u>Synthetic Biologics, Inc. [SYN]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

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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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: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Stock Options	12/19/2011 ⁽¹⁾	12/18/2021	Common Stock	2,143	39.9	D	
Stock Options	12/31/2014 ⁽²⁾	12/30/2024	Common Stock	72	51.1	D	
Stock Options	12/04/2015 ⁽³⁾	12/03/2022	Common Stock	143	96.6048	D	
Stock Options	12/04/2019 ⁽⁴⁾	12/03/2026	Common Stock	25,000	0.418	D	

Explanation of Responses:

1. These options were granted on December 19, 2011 and vested 33% immediately and 66% quarterly over 36 consecutive months. These options are fully vested.
2. These options were granted on December 31, 2014 and vested quarterly over 36 consecutive months. These options are fully vested.
3. These options were granted on December 4, 2015 and vested monthly over 36 months. These options are fully vested.
4. These options were granted on December 4, 2019 and vest monthly over 36 months.

/s/ John J. Monahan 11/12/2020

** Signature of Reporting Date
Person

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

* 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.

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 Number.