FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL								
OMB Number:	3235-0287							
Estimated average burden								
hours per response:								

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

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* Wolf Jeffrey Alan					2. Issuer Name and Ticker or Trading Symbol Synthetic Biologics, Inc. [SYN]								Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner						
(Last)	(1	First)	(Middle)		3. Date of Earliest Transaction (Month/Day/Year) 10/22/2013										Officer (give title		Other (s		
C/O SYNTHETIC BIOLOGICS, INC.,					4. If Amendment, Date of Original Filed (Month/Day/Year)								6 Inc	6. Individual or Joint/Group Filing (Check Applicable					
155 GIBBS STREET, SUITE 412					4. If Amendment, Date of Original Fried (Month/Day/Year)								Line)	2)					
(5														Form filed by One Reporting Person				- 1	
(Street) ROCKVI	LLE N	MD	20850											Form filed by More than One Reporting Person				orting	
(City)	2)	State)	(Zip)																
			Table I - N	on-Dei	rivati	ive S	Securiti	ies A	cquired,	Disp	osed of,	or Benef	icially O	wned					
1. Title of Security (Instr. 3) 2. Transac Date (Month/Do					Execution			Code (Ir	Transaction Disposed Code (Instr.		es Acquired (A) or Of (D) (Instr. 3, 4 an		5. Amount Securities Beneficially Following	Y Owned (D)	Form: (D) or	m: Direct	7. Nature of Indirect Beneficial Ownership		
								Code	V	Amount	(A) or (D)	Price	Reported Transactio (Instr. 3 an	tion(s)			Instr. 4)		
			Table II						quired, Di s, option	•			-	ned					
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	Execution Date, if any		4. Transaction Code (Instr. 8)		Derivative E		6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Co	ode	V ((A) (D)		Date Exercisable	Ex Da	piration	Title	Amount or Number of Shares		Transact (Instr. 4)	ion(s)			
Stock Options	\$1.64	10/22/2013			А	2	25,000		10/22/201	3 10	0/21/2023	Common Stock	25,000	\$0	133,3	32	D		

Explanation of Responses:

/s/ Jeffrey A. Wolf

10/24/2013

** Signature of Reporting Person Date

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

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.

^{*} 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).