Synthetic Biologics, Inc. Form SC 13G February 14, 2017

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

SCHEDULE 13G

OND ALLIOVAL
OMB NUMBER:
EXPIRES:
JUNE 30, 2012
ESTIMATED AVERAGE
BURDEN HOURS
PER RESPONSE11

Under the Securities Exchange Act of 1934 (Amendment No. \_ )\*

SYNTHETIC BIOLOGICS INC (SYN)
----(Name of Issuer)

Common Stock
-----(Title of Class of Securities)

87164U102 -----(CUSIP Number)

December 31, 2016

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- [X] Rule 13d-1(b)
- [ ] Rule 13d-1(c)
- [ ] Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

\_\_\_\_\_

CUSIP No. 87164U102

SCHEDULE 13G

(1)	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (entities only)					
	Alyeska Investment Group, L.P.					
(2)			A MEMBER OF A GROUP (See Instructions):  (a) [ ]  (b) [ ]			
(3)	SEC USE ONLY					
(4)	CITIZENSHIP OR PLACE OF	CITIZENSHIP OR PLACE OF ORGANIZATION				
	Delaware					
NUMBER OF		(5)	SOLE VOTING POWER 0			
SHARES BENEFICIA OWNED BY		(6)	SHARED VOTING POWER 12,437,917			
EACH REPO PERSON WI		(7)	SOLE DISPOSITIVE POWER 0			
		(8)	SHARED DISPOSITIVE POWER 12,437,917			
(9)	AGGREGATE AMOUNT BENEF	CIALLY	OWNED BY EACH REPORTING PERSON			
	12,437,917					
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)					
(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9.9%*					
(12)	TYPE OF REPORTING PERSON (See Instructions) IA					
Stock of 7,851,235 approxima percentag shares of with the subsequen	the Issuer and hold a washares of Common Stock tely 9.9% of the Issuer e calculation assumes the Common Stock of the Iss Securities and Exchange	arrant as of 's outs hat the suer, b Commis ) share	al owners of 4,586,592 shares of Common under which they may purchase up to December 31, 2016, which constitutes tanding Common Stock shares. The re are currently 116,652,351 outstanding ased on the Issuer's Form 10-Q as filed sion on November 1, 2016 and a s as reported in a prospectus supplement ember 15, 2016.			
CUSIP No.	87164U102		SCHEDULE 13G			
(1)	NAMES OF REPORTING PERS		ABOVE PERSONS (entities only)			

Alyeska Fund GP, LLC

2

(2)	CHECK THE APPROPRIATE BO	X IF	A MEMBER OF A GROUP (See Instructions) (a) [ ] (b) [ ]	
(3)	SEC USE ONLY			
(4)	CITIZENSHIP OR PLACE OF	ORGAN	IZATION	
	Delaware			
NUMBER OF		(5)	SOLE VOTING POWER	
SHARES BENEFICIAL OWNED BY	DRTING	(6)	SHARED VOTING POWER 12,437,917	
EACH REPOI		(7)	SOLE DISPOSITIVE POWER 0	
		(8)	SHARED DISPOSITIVE POWER 12,437,917	
(9)	AGGREGATE AMOUNT BENEFIC	CIALLY	OWNED BY EACH REPORTING PERSON	
	12,437,917			
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)			
(11)	PERCENT OF CLASS REPRESE 9.9%*	ENTED	BY AMOUNT IN ROW (9)	
(12)	TYPE OF REPORTING PERSON	 N (See	Instructions)	
Stock of to 7,851,235 approximate percentage shares of with the subsequent	the Issuer and hold a war shares of Common Stock a tely 9.9% of the Issuer's e calculation assumes tha Common Stock of the Issu Securities and Exchange C	crant as of s outs at the aer, b Commis share	al owners of 4,586,592 shares of Common under which they may purchase up to December 31, 2016, which constitutes tanding Common Stock shares. The re are currently 116,652,351 outstandin ased on the Issuer's Form 10-Q as filed sion on November 1, 2016 and a s as reported in a prospectus supplemen ember 15, 2016.	
CUSIP No.	87164U102		SCHEDULE 13G	
(1)	NAMES OF REPORTING PERSO		ABOVE PERSONS (entities only)	
	Alyeska Fund 2 GP, LLC			
(2)	CHECK THE APPROPRIATE BO	 OX IF	A MEMBER OF A GROUP (See Instructions) (a) [ ] (b) [ ]	

(3)	SEC USE ONLY				
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION  Delaware				
NUMBER OF		(5)	SOLE VOTING POWER		
BENEFICIAL OWNED BY		(6)	SHARED VOTING POWER 12,437,917	R 	
EACH REPORTING PERSON WITH		(7)	SOLE DISPOSITIVE PO	DWER	
		(8)	SHARED DISPOSITIVE 12,437,917	POWER	
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON				
	12,437,917				
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)				
(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9.9%*				
(12)	TYPE OF REPORTING	PERSON (See	Instructions)		
Stock of to 7,851,235 approximate percentage shares of with the subsequent	the Issuer and hol shares of Common tely 9.9% of the I e calculation assu Common Stock of t Securities and Exc	d a warrant Stock as of ssuer's outs mes that the he Issuer, b hange Commis 00,000 share b) (5) on Nov	under which they may December 31, 2016, we tanding Common Stock re are currently 110 ased on the Issuer's sion on November 1, s as reported in a p	which constitutes of shares. The 6,652,351 outstanding is Form 10-Q as filed 2016 and a prospectus supplement	
CUSIP No.		SCHEDU			
(1)	NAMES OF REPORTIN I.R.S. IDENTIFICA Anand Parekh		ABOVE PERSONS (enti	ities only)	
(2)		IATE BOX IF		(See Instructions): (a) [ ] (b) [ ]	
(3)	SEC USE ONLY				
(4)	CITIZENSHIP OR PL United States of		IZATION		

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH		(5)	SOLE VOTING POWER 0	
		(6)	SHARED VOTING POWER 12,437,917	
		(7)	SOLE DISPOSITIVE POWER 0	
		(8)	SHARED DISPOSITIVE POWER 12,437,917	
(9)	AGGREGATE AMOUNT BENEFIC	IALLY	OWNED BY EACH REPORTING PERSON	
	12,437,917			
(10)	) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (See Instructions)			
(11)	(11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9.9%*			
(12)	TYPE OF REPORTING PERSON IN	(See	Instructions)	

\*The reporting persons are the beneficial owners of 4,586,592 shares of Common Stock of the Issuer and hold a warrant under which they may purchase up to 7,851,235 shares of Common Stock as of December 31, 2016, which constitutes approximately 9.9% of the Issuer's outstanding Common Stock shares. The percentage calculation assumes that there are currently 116,652,351 outstanding shares of Common Stock of the Issuer, based on the Issuer's Form 10-Q as filed with the Securities and Exchange Commission on November 1, 2016 and a subsequent issuance of 25,000,000 shares as reported in a prospectus supplement filed pursuant to Rule 424(b) (5) on November 15, 2016.

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Item 1(b). Address of Issuer's Principal Executive Offices:
 9605 Medical Center Drive, Suite 270
 Rockville, MD 20850

Item 2(a). Name of Persons Filing:

- (i) Alyeska Investment Group, L.P.
- (ii) Alyeska Fund GP, LLC
- (iii) Alyeska Fund 2 GP, LLC
- (iv) Anand Parekh

- Item 2(b). Address of Principal Business Office or, if None, Residence:
  - (i) 77 West Wacker Drive, 7th Floor Chicago, IL 60601
  - (ii) 77 West Wacker Drive, 7th Floor Chicago, IL 60601
  - (iii) 77 West Wacker Drive, 7th Floor Chicago, IL 60601
  - (iv) 77 West Wacker Drive, 7th Floor Chicago, IL 60601

#### Item 2(c). Citizenship:

- (i) Alyeska Investment Group, L.P.- Delaware
- (ii) Alyeska Fund GP, LLC- Delaware
- (iii) Alyeska Fund 2 GP, LLC- Delaware
- (iv) Anand Parekh- United States of America
- Item 2(e). CUSIP Number: 87164U102
- Item 3. If This Statement is Filed Pursuant to Sections 240.13d-1(b) or 240.13d-2(b), Check Whether the Person Filing is a:
- (a) Alyeska Investment Group, L.P., a limited partnership organized under the laws of the State of Delaware, is a registered investment adviser under Section 203 of the Investment Advisers Act of 1940, as amended, and is reporting in accordance with 240.13d-1 (b) (1) (ii) (E).
- (b) Alyeska Fund GP, LLC, a limited liability company organized under the laws of the State of Delaware, serves as the General Partner and control person of Alyeska Master Fund, L.P., and is reporting in accordance with 240.13d-1 (b) (1) (ii) (G).
- (c) Alyeska Fund 2 GP, LLC, a limited liability company organized under the laws of the State of Delaware, serves as the General Partner and control person of Alyeska Master Fund 2, L.P., and is reporting in accordance with 240.13d-1(b)(1)(ii)(G).

(d) Anand Parekh is the Chief Executive Officer and control person of Alyeska Investment Group, L.P., and is reporting in accordance with 240.13d-1(b)(1)(ii)(G).

#### Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned: Please refer to items 5-9 of the cover pages attached hereto
- (b) Percent of class: Please refer to item 11 of the cover pages attached hereto
- (c) Number of shares as to which the person has: Please refer to items 5-8 of the cover pages attached hereto

The reporting persons are the beneficial owners of 4,586,592 shares of Common Stock of the Issuer and hold a warrant to purchase 10,000,000 shares of the Issuer's Common Stock ("Warrant"). However, the Warrant contains a provision limiting its exercise to only such number of shares that would constitute 9.99% of the total number of Common Stock of the Issuer then outstanding when aggregated with all shares beneficially owned by the holder and its affiliates and any other person or entities with which such holder would constitute a Section 13(d) "group." Accordingly, as of December 31, 2016 the reporting persons may only purchase up to 7,851,235 shares of Common Stock under the Warrant, and as such, are reporting beneficial ownership of only such number of shares. The percentage calculation assumes that there are currently 116,652,351 outstanding shares of Common Stock of the Issuer, based on the Issuer's Form 10-Q as filed with the Securities and Exchange Commission on November 1, 2016 and a subsequent issuance of 25,000,000 shares as reported in a prospectus supplement filed pursuant to Rule 424(b) (5) on November 15, 2016.

- Item 5. Ownership of Five Percent or Less of a Class.
   Not Applicable
- Item 6. Ownership of More than Five Percent on Behalf of Another Person. Not Applicable
- Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Controlling Person. Not Applicable
- Item 8. Identification and Classification of Members of the Group. Not Applicable  $\,$
- Item 9. Notice of Dissolution of Group
   Not Applicable

#### Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

CUSIP NO. 87164U102 SCHEDULE 13G

#### SIGNATURES

After reasonable inquiry and to the best of our knowledge and belief, the undersigned certify that the information set forth in this statement is true, complete and correct.

Dated: February 14, 2017

Alyeska Investment Group, L.P.

By: /s/ Jason Bragg

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Name: Jason Bragg

Title: Chief Financial Officer and Chief Compliance Officer

Alyeska Fund GP, LLC

By: /s/ Jason Bragg

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Name: Jason Bragg

Title: Chief Financial Officer and Chief Compliance Officer

Alyeska Fund 2 GP, LLC

By: /s/ Jason Bragg

\_\_\_\_\_

Name: Jason Bragg

Title: Chief Financial Officer and Chief Compliance Officer

Anand Parekh

By: /s/ Anand Parekh

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Name: Anand Parekh

Individually

CUSIP NO. 87164U102 SCHEDULE 13G

Exhibit A Agreement

The undersigned agree that the statement to which this exhibit is appended is filed on behalf of each of them.

Dated: February 14, 2017

Alyeska Investment Group, L.P.

By: /s/ Jason Bragg

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Name: Jason Bragg

Title: Chief Financial Officer and Chief Compliance Officer

Alyeska Fund GP, LLC

By: /s/ Jason Bragg

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Name: Jason Bragg

Title: Chief Financial Officer and Chief Compliance Officer

Alyeska Fund 2 GP, LLC

By: /s/ Jason Bragg

\_\_\_\_\_

Name: Jason Bragg

Title: Chief Financial Officer and Chief Compliance Officer

Anand Parekh

By: /s/ Anand Parekh

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Name: Anand Parekh

Individually