| Synthetic Biologics, | Inc. |
|----------------------|------|
| Form SC 13G          |      |
| August 04, 2015      |      |

| UNITED STATES    |                      |
|------------------|----------------------|
| SECURITIES ANI   | DEXCHANGE COMMISSION |
| Washington, D.C. | 20549                |

| SCHE  | DULE   | 13G* |
|-------|--------|------|
| (Rule | 13d-10 | (2)  |

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2

(Amendment No. \_\_\_)\*

Synthetic Biologics, Inc. (Name of Issuer)

Common Stock, \$0.001 par value per share (Title of Class of Securities)

87164U102 (CUSIP Number)

July 21, 2015 (Date of Event Which Requires Filing of the Statement)

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

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

<sup>\*</sup>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 on 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*)

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## Cusip No. 87164U102 **13G** Page 2 of 7 Pages

## NAME OF REPORTING PERSONS

1. Knoll Capital Management, LP

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions)

- 2. (a)
  - (b) x

SEC USE ONLY

3.

CITIZENSHIP OR PLACE OF ORGANIZATION

4.

Delaware

**SOLE VOTING POWER** 

NUMBER OF 5.

SHARES 0

**BENEFICIALLY** 

**6. SHARED VOTING POWER** 

OWNED BY

| EACH           |  |
|----------------|--|
| REPORTING      | 4,754,557  |
| PERSON<br>WITH | SOLE DISPOSITIVE POWER 7.  |
|                | 0  |
|                | 8. SHARED DISPOSITIVE POWER  |
|                | 4,754,557  |
| 9.             | AGGREGATE AMOUNT<br>BENEFICIALLY OWNED BY EACH<br>REPORTING PERSON   |
|                | 4,754,557  |
| 10.            | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES |
| 11.            | PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 5.3%               |
|                |  |
| 12.            | TYPE OF REPORTING PERSON   |
|                | PN   |

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## NAME OF REPORTING PERSONS

1. Fred Knoll

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions)

- 2. (a)
  - (b) x
- 3. SEC USE ONLY
- CITIZENSHIP OR PLACE OF ORGANIZATION

**USA** 

**SOLE VOTING POWER** 

NUMBER OF 5.

SHARES 0

**BENEFICIALLY** 

**6. SHARED VOTING POWER** 

OWNED BY

| EACH           |  |
|----------------|--|
| REPORTING      | 4,754,557  |
| PERSON<br>WITH | SOLE DISPOSITIVE POWER 7.  |
|                | 0  |
|                | 8. SHARED DISPOSITIVE POWER  |
|                | 4,754,557  |
| 9.             | AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON         |
|                | 4,754,557  |
| 10.            | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES |
| 11.            | PERCENT OF CLASS REPRESENTED<br>BY AMOUNT IN ROW (9)                 |
|                | 5.3%   |
| 12.            | TYPE OF REPORTING PERSON   |
|                | IN   |

## Cusip No. 87164U102 **13G** Page 4 of 7 Pages

#### NAME OF REPORTING PERSONS

1. Europa International, Inc.

CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (see instructions)

- 2. (a)
  - (b) x
- 3. SEC USE ONLY
- CITIZENSHIP OR PLACE OF ORGANIZATION

British Virgin Islands

SOLE VOTING POWER

NUMBER OF 5.

SHARES 0

BENEFICIALLY

**6. SHARED VOTING POWER** 

| OWNED BY            |  |
|---------------------|--|
| EACH                | 4,754,557  |
| REPORTING<br>PERSON | SOLE DISPOSITIVE POWER  7.   |
| WITH                | 0  |
|                     | 8. SHARED DISPOSITIVE POWER  |
|                     | 4,754,557  |
| 9.                  | AGGREGATE AMOUNT<br>BENEFICIALLY OWNED BY EACH<br>REPORTING PERSON   |
|                     | 4,754,557  |
| 10.                 | CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES |
| 11.                 | PERCENT OF CLASS REPRESENTED<br>BY AMOUNT IN ROW (9)                 |
|                     | 5.3%   |
| 12.                 | TYPE OF REPORTING PERSON   |

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|--|---------|

Knoll is a citizen of the United States.

Europa is a company organized under the laws of the British Virgin Islands.

| Item 1(a).  | Name of Issuer:  |
|---|--|
| Synthetic Biologics, Inc. (the "Issuer")                        |  |
| Item 1(b). Address of Issuer's Principal Executive Office       | es:  |
| 155 Gibbs Street, Suite 412                                     |  |
| Rockville, Maryland 20850                                       |  |
| Item 2(a). Name of Persons Filing:                              |  |
| Knoll Capital Management LP ("KCMLP")                           |  |
| Fred Knoll ("Knoll")  |  |
| Europa International, Inc. ("Europa")                           |  |
| Item 2(b). Address of Principal Business Office or, if non      | ne, Residence:   |
| The principle business address for each of KCMLP, Knoll a 10017 | and Europa is 5 East 44th Street, Suite 12, New York, NY |
| Item 2(c). Citizenship:   |  |
| KCMLP is a limited partnership formed and existing under t      | the laws of the State of Delaware.                       |

#### Item 2(d). Title of Class of Securities:

This statement on Schedule 13G is being filed with respect to Common Stock, \$0.001 par value per share (the "Common Stock") of the issuer.

#### Item 2(e). CUSIP Number:

87164U102

# Item If this statement is filed pursuant to Rules 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a: Not applicable

- (a) "Broker or dealer registered under Section 15 of the Act (15 U.S.C 780);
- (b) Bank as defined in Section 3(a)(6) of the Act (15 U.S.C 78c);
- (c) "Insurance company as defined in Section 3(a)(19) of the Act (15 U.S.C 78c);
- (d) Investment company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8);
- (e) "An investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);
- (f) "An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
- (g) A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h)" A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) "A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act (15 U.S.C. 80a-3);
- (j) "A non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J);
- (k) "Group, in accordance with § 240.13d-1(b)(1)(ii)(K).

If filing as a non-U.S. institution in accordance with § 240.13d-1(b)(1)(ii)(J), please specify the type of institution:

| Cusip No. 87164U1                          | 02 <b>13G</b> Page 6 of 7 Page                    | es  |
|--|---|---|
|  | Item 4.   | Ownership:  |
| Provide the followin identified in Item 1. | g information regarding                           | the aggregate number and percentage of class of securities of the issuer  |
|  | (a)   | Amount beneficially owned:  |
| As of this filing:                         |   |   |
| -  |   | of the Issuer's Common stock, which is comprised of 3,734,149 Shares of purchase 1,020,408 shares of Common Stock.  |
| 3,734,149 Shares of                        | the Issuer's Common St                            | n 4,754,557 Shares of the Issuer's Common Stock, which is comprised of tock and warrants to purchase 1,020408 shares of Common Stock. KCMLP noll is the President of KCMLP. |
|  | (b)   | Percent of Class:   |
|  | s of the Issuer's Commo<br>e Issuer's Common Stoo | on Stock beneficially owned by each of Europa, KCMLP and Knoll ck outstanding.  |
| This percentage is caprovided by the Issue |   | l of 88,512,638 Shares issued and outstanding based on information  |
|  | (c)   | Number of shares as to which such person has:   |

(i) sole power to vote or to direct the vote: 0

shared power to vote or to direct the vote: 4,754,557

(ii)

Item 9.

| KCMLP, Knoll and Europa share the power to vote or direct the vote of those shares of Common Stock owned by Europa.   |
|---|
| (iii) sole power to dispose or to direct the disposition of: 0  |
| (iv) shared power to dispose or to direct the disposition of: 4,754,557   |
| KCMLP, Knoll and Europa share the power to dispose of or direct the disposition of those shares of Common Stock owned by Europa.  |
| Item 5. Ownership of Five Percent or Less of a Class:   |
| If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following ". |
| Item 6. Ownership of More than Five Percent on Behalf of Another Person:  |
| Not Applicable.   |
| <ul> <li>Item Identification and Classification of the Subsidiary which Acquired the Security Being Reported on by the</li> <li>Parent Holding Company or Control Person:</li> </ul>                                |
| Not Applicable.   |
| Item 8. Identification and Classification of Members of the Group:  Not Applicable.   |
| **  |

**Notice of Dissolution of Group:** 

Not Applicable

**Item 10.** 

**Certifications:** 

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.

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#### **SIGNATURE**

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

## KNOLL CAPITAL MANAGEMENT, LP

By: /s/ Fred Knoll Name: Fred Knoll

Dated: August 4, 2015

Title: President

/s/ Fred Knoll Dated: August 4, 2015 Fred Knoll

## EUROPA INTERNATIONAL, INC

By: Knoll Capital Management, L.P.,

Investment Manager

By: /s/ Fred Knoll Name: Fred Knoll

Dated: August 4, 2015

Title: President

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