

SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d)  
of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): May 31, 2017

SYNTHETIC BIOLOGICS, INC.  
(Exact name of registrant as specified in its charter)

Nevada	001-12584	13-3808303
(State or other jurisdiction of incorporation)	(Commission File No.)	(IRS Employer Identification No.)

9605 Medical Center Drive, Suite 270  
Rockville, MD 20850  
(Address of principal executive offices and zip code)

Registrant's telephone number, including area code: (301) 417-4364

N/A  
(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- ☐ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- ☐ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- ☐ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- ☐ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Indicate by check mark whether the registrant is an emerging growth company as defined in in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company ☐

If an emerging growth company, indicate by checkmark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act. ☐

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Item 1.01. Entry into a Material Definitive Agreement.

Synthetic Biologics, Inc. (the “Company”) entered into an amendment dated as of May 31, 2017 (the “Amendment”) to the employment agreement with the Company’s Chief Financial Officer, Steven A. Shallcross, dated April 28, 2015, as amended on December 1, 2016 (the “Employment Agreement”). The Amendment amended the Employment Agreement by, among other things, extending the term of the Employment Agreement for an additional two years.

The information contained in this Item 1.01 regarding the Amendment is qualified in its entirety by a copy of the Amendment attached to this Current Report on Form 8-K as Exhibit 10.1 and is incorporated herein by reference.

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

Item 1.01 of this Current Report on Form 8-K for a description of the material terms of the Amendment, which terms are incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

The following exhibit is being filed as part of this Current Report on Form 8-K.

Exhibit Number	Description
10.1	Amendment to Employment Agreement, dated as of May 31, 2017, by and between Steven A. Shallcross and Synthetic Biologics, Inc.

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## SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: June 2, 2017

SYNTHETIC BIOLOGICS, INC.

By: /s/ Jeffrey Riley

Name: Jeffrey Riley

Title: President and Chief Executive Officer

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## EXHIBIT INDEX

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