



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.

**Item 3.03 Material Modification to Rights of Security Holders.**

On July 31, 2018, the Board of Directors of Synthetic Biologics, Inc., a Nevada corporation (the “Company”), approved a reverse stock split of the Company’s authorized, issued and outstanding shares of common stock, par value \$0.001 per share, at a ratio of 1-for-35. On August 1 2018, the Company issued a press release announcing the Reverse Stock Split. A copy of the press release is filed herewith as Exhibit 99.1.

**Item 9.01 Financial Statements and Exhibits.**

(d) Exhibits.

Exhibit No. Description

99.1            Press Release of Synthetic Biologics, Inc., dated August 1, 2018

**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: August 1, 2018 SYNTHETIC BIOLOGICS, INC.

By: /s/ Steven A. Shallcross  
Name: Steven A. Shallcross  
Title: Interim Chief Executive Officer and  
Chief Financial Officer

**EXHIBIT INDEX**

Exhibit No. Description

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