



October 29, 2021

VIA EDGAR

United States Securities and Exchange Commission
Division of Corporation Finance
100 F Street, N.E.
Washington, D.C. 20549

**Re: Synthetic Biologics, Inc.
Registration Statement on Form S-3
File No: 333-260449
Request For Acceleration**

Ladies and Gentlemen:

Synthetic Biologics, Inc. (the "**Registrant**") hereby requests that the United States Securities and Exchange Commission (the "**Commission**") take appropriate action to cause the above-referenced Registration Statement on Form S-3 (File No. 333-260449), to become effective on **Tuesday, November 2, 2021, at 5:00 p.m.**, Eastern Time, or as soon thereafter as is practicable.

The Registrant hereby authorizes its counsel, Leslie Marlow, Esq. or Patrick J. Egan, Esq. of Gracin & Marlow, LLP, to orally modify or withdraw this request for acceleration. Please contact Ms. Marlow at (516) 496-2223 or (212) 907-6457 or Mr. Egan at (914) 557-5574 or (212) 907-6457 with any questions you may have concerning this request, and please notify her or him when this request for acceleration has been granted.

Very truly yours,

SYNTHETIC BIOLOGICS, INC.

By: /s/ Steven A. Shallcross

Name: Steven A. Shallcross

Title: Chief Executive Officer and Chief Financial Officer

cc: Leslie Marlow, Esq., Gracin & Marlow, LLP
Patrick J. Egan, Esq., Gracin & Marlow, LLP
