



VIA EDGAR

January 8, 2018

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

**Re: Assembly Biosciences, Inc.
Acceleration Request for Registration Statement on Form S-3
File No. 333-222366**

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended (the “**Act**”), Assembly Biosciences, Inc. (the “**Company**”) hereby requests that the effective date of the above-referenced registration statement (the “**Registration Statement**”) be accelerated to January 10, 2018, at 4:01 pm Eastern Time, or as soon thereafter as practicable, unless we or our outside counsel, Goodwin Procter LLP, request by telephone that such Registration Statement be declared effective at some other time. In making this acceleration request, the Company acknowledges that it is aware of its responsibilities under the Act.

If you have any questions regarding this request, please contact Maggie Wong of Goodwin Procter LLP at (415) 733-6071.

Sincerely,

ASSEMBLY BIOSCIENCES, INC.

/s/ Elizabeth H. Lacy

Name: Elizabeth H. Lacy

Title: General Counsel, VP of Legal Operations
Corporate Secretary

cc: Mitchell Bloom, *Goodwin Procter LLP*
David Barrett, *Assembly Biosciences, Inc.*
John Gunderson, *Assembly Biosciences, Inc.*

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