

August 13, 2024

VIA EDGAR SUBMISSION

Securities and Exchange Commission
Division of Corporation Finance
100 F Street, NE
Washington, DC 20549

Re: Generation Bio Co.
Registration Statement on Form S-3
Filed August 7, 2024
File No. 333-281335
Request for Acceleration

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, Generation Bio Co. (the "Registrant") hereby requests acceleration of the effective date of its Registration Statement on Form S-3 (File No. 333-281335), so that it may become effective at 4:00 p.m., Eastern time, on August 15, 2024, or as soon thereafter as practicable, or at such later time as the Registrant or its counsel may orally request via telephone call to the staff.

Very truly yours,

By: /s/ Yalonda Howze

Name: Yalonda Howze

Title: Chief Legal Officer

cc: Stuart M. Falber, *Wilmer Cutler Pickering Hale and Dorr LLP*
Molly W. Fox, *Wilmer Cutler Pickering Hale and Dorr LLP*