

RALLYBIO CORPORATION
234 Church Street, Suite 1020
New Haven, CT 06510

August 11, 2022

VIA EDGAR

Securities and Exchange Commission
Division of Corporation Finance
Office of Life Sciences
100 F. Street, N.E.
Washington, D.C. 20549
Attention: Tim Buchmiller

Re: Rallybio Corporation
Registration Statement on Form S-3 (File No. 333-266668)
Request for Acceleration

Ladies and Gentlemen:

Pursuant to Rule 461 promulgated under the Securities Act of 1933, as amended, Rallybio Corporation (the "Company") hereby requests that the Securities and Exchange Commission (the "Commission") accelerate the effective date of the Company's Registration Statement on Form S-3 (File No. 333-266668) (the "Registration Statement"), so that it will be declared effective at 4:00 p.m. Eastern Time on August 15, 2022, or as soon as possible thereafter. The Company hereby authorizes Marc Rubenstein and Zachary Blume, counsel to the Company, to orally modify or withdraw this request for acceleration.

It would be appreciated if, as soon as the Registration Statement is declared effective, you would inform Zachary Blume of Ropes & Gray LLP, counsel to the Company, at (617) 951-7663.

Very truly yours,

RALLYBIO CORPORATION

By: /s/ Jeffrey M. Fryer

Jeffrey M. Fryer
Chief Financial Officer