June 29, 2023

Samuel Kintz President and Chief Executive Officer Enliven Therapeutics, Inc. 6200 Lookout Road Boulder, CO 80301

Re: Enliven

Therapeutics, Inc.

Registration

Statement on Form S-3

Filed June 23, 2023 File No. 333-272909

Dear Samuel Kintz:

This is to advise you that we have not reviewed and will not review your registration statement.

 $\,$  Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you

that the company and its management are responsible for the accuracy and adequacy of their  $\,$ 

disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Daniel

Crawford at 202-551-7767 with any questions.

Sincerely,

Division of Corporation Finance

Office of Life Sciences

cc: Jennifer Knapp, Esq.