

July 10, 2025

Daniel Lochner
Chief Financial Officer
Tectonic Therapeutic, Inc.
490 Arsenal Way
Suite 210
Watertown, MA 02472

Re: Tectonic Therapeutic, Inc.
Registration Statement on Form S-3
Filed July 7, 2025
File No. 333-288539

Dear Daniel Lochner:

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 Jessica Dickerson at 202-551-8013 with any questions.

Sincerely,

Division of

Office of Life

Corporation Finance

Sciences

cc: Brandon Fenn, Esq.