

July 26, 2024

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-1  
Filed July 19, 2024  
File No. 333-280909

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 Tyler Howes at 202-551-3370 with any questions.

Sincerely,  
  
Division of  
  
Office of Life

Corporation Finance  
  
Sciences  
cc: Courtney T. Thorne, Esq.