



DIVISION OF  
CORPORATION FINANCE

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

April 8, 2024

Johan (Thijs) Spoor  
Chief Executive Officer  
Perspective Therapeutics, Inc.  
2401 Elliott Avenue, Suite 320  
Seattle, WA 98121

**Re: Perspective Therapeutics, Inc.  
Registration Statement on Form S-3  
Filed March 29, 2024  
File No. 333-278362**

Dear Johan (Thijs) Spoor:

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 Conlon Danberg at 202-551-4466 with any questions.

Sincerely,

Division of Corporation Finance  
Office of Industrial Applications and  
Services

cc: Stephen Nicolai, Esq.