

July 19, 2024

**VIA EDGAR SUBMISSION**

U.S. Securities and Exchange Commission  
Division of Corporation Finance, Office of Life Sciences  
100 F Street, NE  
Washington, DC 20549

Attention: Laura Crotty

Re: Eliem Therapeutics, Inc.  
Registration Statement on Form S-3  
Filed July 12, 2024  
File No. 333-280784  
Request for Acceleration

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, Eliem Therapeutics, Inc. hereby requests acceleration of the effective date of its Registration Statement on Form S-3 (File No. 333-280784), so that it may become effective at 4:00 p.m., Eastern Time, on July 23, 2024, or as soon as practicable thereafter.

Very truly yours,

ELIEM THERAPEUTICS, INC.

By: /s/ Aoife Brennan

Name: Aoife Brennan, M.B., Ch.B.

Title: President and Chief Executive Officer