

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

April 1, 2025

Warner Biddle Chief Executive Officer Kyverna Therapeutics, Inc. 5980 Horton St., STE 550 Emeryville, CA 94608

> Re: Kyverna Therapeutics, Inc. Registration Statement on Form S-3 Filed March 27, 2025 File No. 333-286180

Dear Warner Biddle:

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 Lauren Hamill at 303-844-1008 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Samantha Eldredge