

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

February 13, 2024

Peter Maag, Ph.D. Chief Executive Officer Kyverna Therapeutics, Inc. 5980 Horton St., STE 550 Emeryville, CA 94608

Re: Kyverna Therapeutics, Inc.

Form S-1

Exhibit Nos. 10.13, 10.14 and 10.15

Filed January 16, 2024 File No. 333-276523

Dear Peter Maag:

We have concluded our assessment of your redacted exhibits for compliance with applicable form requirements and will process your supplemental response and related materials in accordance with your request.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Jeffrey T. Hartlin, Esq