

OLEMA PHARMACEUTICALS, INC.
780 Brannan Street
San Francisco, California 94103

February 7, 2024

VIA EDGAR

Securities and Exchange Commission
Office of Finance
Division of Corporation Finance
100 F. Street N.E.
Washington, D.C. 20549-3010

RE: Olema Pharmaceuticals, Inc.
Registration Statement on Form S-3 (File No. 333-276787)
Request for Acceleration of Effective Date

Ladies and Gentlemen:

Olema Pharmaceuticals, Inc. (the “**Registrant**”) hereby requests that the U.S. Securities and Exchange Commission (the “**Commission**”) take appropriate action to cause the above-referenced Registration Statement on Form S-3 (File No. 333-276787) (the “**Registration Statement**”) to become effective on Friday, February 9, 2024, at 4:30 p.m., Eastern Time, or as soon thereafter as is practicable or at such later time as the Registrant may orally request via telephone call to the staff of the Commission. The Registrant hereby authorizes each of Jodie Bourdet and Julia Boesch of Cooley LLP, counsel to the Registrant, to make such request on its behalf.

Once the Registration Statement has been declared effective, please orally confirm that event with Jodie Bourdet of Cooley LLP, counsel to the Registrant, at (415) 693-2054, or in her absence, Julia Boesch at (415) 693-2326.

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Very truly yours,

OLEMA PHARMACEUTICALS, INC.

By: /s/ Shane Kovacs

Name: Shane Kovacs

Title: Chief Operating and Financial Officer

cc: Jodie Bourdet, Cooley LLP
Julia Boesch, Cooley LLP
