

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

DIVISION OF CORPORATION FINANCE

May 12, 2025

Todd Harris Chief Executive Officer Tyra Biosciences, Inc. 2656 State Street Carlsbad, CA 92008

> Re: Tyra Biosciences, Inc. Registration Statement on Form S-3 Filed May 8, 2025 File No. 333-287086

Dear Todd Harris:

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 Jason Drory at 202-551-8342 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: Matthew T. Bush