

**Tyra Biosciences, Inc.**  
**2656 State Street**  
**Carlsbad, CA 92008**

April 18, 2024

**VIA EDGAR**

U.S. Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549

**Re: Tyra Biosciences, Inc.**  
**Registration Statement on Form S-3**  
**File No. 333-278068**

To the addressees set forth above:

Pursuant to Rule 461 of Regulation C of the General Rules and Regulations under the Securities Act of 1933, as amended, the undersigned, on behalf of Tyra Biosciences, Inc., respectfully requests that the effective date of the Registration Statement on Form S-3 referred to above be accelerated so that it will become effective at 4:00 P.M. Eastern Time on April 22, 2024, or as soon as practicable thereafter.

If you have any questions or require additional information, please contact Matthew T. Bush, Esq. of Latham & Watkins LLP at (858) 523-3962. Thank you for your assistance and cooperation in this matter.

Very truly yours,

TYRA BIOSCIENCES, INC.

By: /s/ Ali Fawaz

Ali Fawaz

General Counsel

cc: Matthew T. Bush, Latham & Watkins LLP