

Structure Therapeutics Inc.  
601 Gateway Blvd., Suite 900  
South San Francisco, CA 94080

June 3, 2024

**VIA EDGAR**

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

Attn: Joshua Gorsky

**RE: Structure Therapeutics Inc.  
Registration Statement on Form S-1  
Filed June 3, 2024  
File No. 333-279915**

**Acceleration Request  
Requested Date: June 5, 2024  
Requested Time: 4:00 p.m. Eastern Time**

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, Structure Therapeutics, Inc. (the "Company") hereby requests that the Securities and Exchange Commission (the "Commission") accelerate the effective date of the above-referenced Registration Statement on Form S-1 (the "Registration Statement") and declare the Registration Statement effective as of 4:00 p.m. Eastern time, on June 5, 2024, or as soon thereafter as possible, or at such other time as the Company or its counsel may request by telephone to the staff of the Commission. The Company hereby authorizes each of Patrick Loofbourrow and Jean Park of Cooley LLP, counsel to the Company, to make such a request on its behalf. This request for acceleration is subject, however, to your receiving a telephone call prior to such time from Cooley LLP confirming this request.

Once the Registration Statement has been declared effective, please orally confirm that event with Patrick Loofbourrow of Cooley LLP at (619) 840-4824, or in his absence, Jean Park of Cooley LLP at (212) 479-6131.

Under separate cover, you will receive today a letter from the managing underwriters of the proposed offering joining in the Company's request for acceleration of the effectiveness of the Registration Statement.

*[Signature Page Follows]*

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Sincerely,

**Structure Therapeutics Inc.**

By: /s/ Raymond Stevens

Raymond Stevens, Ph.D.  
*Chief Executive Officer*

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