Jefferies LLC 520 Madison Avenue New York, New York 10022

SVB Securities LLC 53 State Street, 40th Floor Boston, MA 02109

Guggenheim Securities, LLC 330 Madison Avenue New York, New York 10017

BMO Capital Markets Corp. 151 W. 42nd Street, 31st Floor New York, New York 10036

VIA EDGAR

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

Attn: Vanessa Robertson

Terence O'Brien Jimmy McNamara Joe McCann

Re: Structure Therapeutics Inc.

Registration Statement on Form S-1

(File No. 333-269200)

Acceleration Request

Requested Date: February 2, 2023
Requested Time: 4:00 P.M. Eastern Time

Ladies and Gentlemen:

In accordance with Rule 461 of the Securities Act of 1933, as amended (the "Securities Act"), we, as representatives of the several underwriters (the "Representatives"), hereby join in the request of Structure Therapeutics Inc., an exempted company with limited liability incorporated under the laws of the Cayman Islands (the "Registrant"), that the effectiveness of the above-captioned Registration Statement, as amended, be accelerated to 4:00 p.m. Eastern Time on February 2, 2023, or as soon thereafter as practicable, or at such other time as the Registrant or its outside counsel, Cooley LLP, request by telephone that such Registration Statement be declared effective.

Pursuant to Rule 460 under the Securities Act, please be advised that we will take reasonable steps to secure adequate distribution of the preliminary prospectus, to underwriters, dealers, institutions and others, prior to the requested effective time of the Registration Statement.

We, the undersigned Representatives, have and will, and we have been informed by the participating underwriters that they have and will, comply with the requirements of Rule 15c2-8 under the Securities Exchange Act of 1934, as amended, in connection with the proposed offering.

[Remainder of page intentionally left blank]

Very truly yours,

Acting severally on behalf of themselves and the several underwriters

JEFFERIES LLC SVB SECURITIES LLC GUGGENHEIM SECURITIES, LLC BMO CAPITAL MARKETS CORP.

JEFFERIES LLC

By: /s/ Bryan Czyzewski Name: Bryan Czyzewski Title: Managing Director

SVB SECURITIES LLC

By: /s/ Dan Dubin Name: Dan Dubin

Title: Vice Chairman, Global Co-Head of Healthcare Investment Banking

GUGGENHEIM SECURITIES, LLC

By: /s/ Shiv Taylor M.D. Name: Shiv Taylor M.D. Title: Senior Managing Director

BMO CAPITAL MARKETS CORP.

By: /s/ Marc Ogborn Name: Marc Ogborn Title: Managing Director

[Signature Page to Underwriters' Acceleration Request Letter]