

**TANGO THERAPEUTICS, INC.**  
100 Binney St, Suite 700  
Cambridge, MA 02142

**VIA EDGAR**

September 27, 2021  
United States Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, DC 20549  
Attention: Tim Buchmiller

**Re: Tango Therapeutics, Inc.**  
**Acceleration Request for Registration Statement on Form S-1**  
**Filed September 10, 2021**  
**File No. 333-259448**

Dear Mr. Buchmiller:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, Tango Therapeutics, Inc. hereby requests that the effective date and time of the above-referenced registration statement (the “**Registration Statement**”) be accelerated to September 29, 2021, at 4:01 p.m., Eastern Time, or as soon thereafter as practicable, unless we or our counsel, Goodwin Procter LLP, request by telephone that such Registration Statement be declared effective at some other time.

Once the Registration Statement is effective, please orally confirm the event with our counsel, Goodwin Procter LLP, by calling William Collins at (617) 570-1447. We also respectfully request that a copy of the written order from the Securities and Exchange Commission verifying the effective date and time of the Registration Statement be sent to our counsel, Goodwin Procter LLP, Attention: William Collins, by email to [WCollins@goodwinlaw.com](mailto:WCollins@goodwinlaw.com) or by facsimile to (617) 321-4422.

If you have any questions regarding this request, please contact William Collins of Goodwin Procter LLP at (617) 570-1447.

Sincerely,

**TANGO THERAPEUTICS, INC.**

/s/ Barbara Weber

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Barbara Weber

President and Chief Executive Officer

cc: Daniella Beckman, *Tango Therapeutics, Inc.*  
Mitchell S. Bloom, *Goodwin Procter LLP*  
William D. Collins, *Goodwin Procter LLP*