

**Century Therapeutics, Inc.
25 North 38th Street, 11th Floor
Philadelphia, Pennsylvania 19104**

January 7, 2026

VIA EDGAR

U.S. Securities and Exchange Commission
Division of Corporation Finance
Office of Life Sciences
100 F Street, N.E.
Washington, D.C. 20549-7553

Re: Century Therapeutics, Inc.
Registration Statement on Form S-3
Filed July 10, 2025 (File No. 333-288616)

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, Century Therapeutics, Inc. (the "**Company**") hereby requests that the effective date of the Company's Registration Statement on Form S-3 (File No. 333-288616) (the "**Registration Statement**") be accelerated so that the Company's Registration Statement will become effective at 4:01 P.M., Eastern Time, on January 9, 2026, or as soon thereafter as is practicable.

Please contact Jennifer L. Porter, Esq. of Goodwin Procter LLP, counsel to the Company, at (445) 207-7806 to provide notice of effectiveness, or if you have any questions or comments concerning this request.

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Very truly yours,

CENTURY THERAPEUTICS, INC.

By: /s/ Brent Pfeifferberger, Pharm.D.

Name: Brent Pfeifferberger, Pharm.D.

Title: President and Chief Executive Officer
