



VIA EDGAR

March 17, 2021

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

Attn: Jordan Metoyer
Tim Buchmiller

**RE: Lineage Cell Therapeutics, Inc.
Registration Statement on Form S-3
Filed March 11, 2021
File No. 333-254155**

To Whom It May Concern:

Lineage Cell Therapeutics, Inc., a California corporation (the "**Company**"), respectfully requests pursuant to Rule 461 under the Securities Act of 1933, as amended, that the effective date of the Company's Registration Statement on Form S-3 (File No. 333-254155) be accelerated and that it be declared effective on March 19, 2021 at 4:00 p.m. Eastern Time, or as soon as practicable thereafter.

Sincerely,

/s/ Brian M. Culley

Chief Executive Officer

cc: Chase Leavitt, General Counsel, Lineage Cell Therapeutics, Inc.
Steven M. Przesmicki, Esq., Cooley LLP

Lineage Cell Therapeutics

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