



P.O. BOX 8016, CARY, NC 27512-9903

YOUR VOTE IS IMPORTANT! PLEASE VOTE BY:

INTERNET



Go To: www.proxypush.com/LCTX

- Cast your vote online until 11:59 p.m. ET on June 15, 2022
- **Have your Proxy Card ready**
- Follow the simple instructions to record your vote

PHONE Call **1-866-490-6839**



- Use any touch-tone telephone until 11:59 p.m. ET on June 15, 2022
- **Have your Proxy Card ready**
- Follow the simple recorded instructions

MAIL



- Mark, sign and date your Proxy Card
- Fold and return your Proxy Card in the postage-paid envelope provided

Lineage Cell Therapeutics, Inc.

Annual Meeting of Shareholders

For shareholders of record as of April 20, 2022

TIME: Thursday, June 16, 2022, 8:00 AM Pacific Time

PLACE: 2173 Salk Avenue, Suite 200, Carlsbad, CA 92008

THIS PROXY IS BEING SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS.

Proxy for 2022 Annual Meeting of Shareholders

The undersigned hereby appoints Brian M. Culley and Kevin L. Cook (the "Named Proxies"), as proxies and true and lawful attorneys-in-fact of the undersigned, with full power of substitution, and hereby authorizes them, and each or either of them, to represent and vote all the common shares which the undersigned is entitled to vote at the Annual Meeting of Shareholders of Lineage Cell Therapeutics, Inc. to be held on June 16, 2022 at 8:00 a.m. Pacific Time, or any adjournment or postponement thereof, as designated on the reverse side of this proxy card and as the Named Proxies deem advisable, in their discretion, on any other matter as may properly come before the meeting or any adjournment or postponement thereof, revoking any other proxy heretofore given.

This proxy, when properly executed, will be voted in the manner directed herein. If no such direction is given, this proxy will be voted in accordance with the recommendations of the Board of Directors. If other matters are properly brought before the meeting or any adjournment or postponement thereof, the Named Proxies are authorized to vote on those matters as the Named Proxies, or either of them, deem advisable, in their discretion.

You are encouraged to specify your choice by marking the appropriate box (SEE REVERSE SIDE) but you need not mark any box if you wish to vote in accordance with the Board of Directors' recommendations. The Named Proxies cannot vote your shares unless you sign (on the reverse side) and return this card.


PLEASE BE SURE TO SIGN AND DATE THIS PROXY CARD AND MARK ON THE REVERSE SIDE

Lineage Cell Therapeutics, Inc.

2022 Annual Meeting of Shareholders

Please make your marks like this: ☒

THE BOARD OF DIRECTORS RECOMMENDS A VOTE: FOR EACH NOMINEE LISTED IN PROPOSAL 1 AND FOR ON PROPOSALS 2 AND 3

PROPOSAL	YOUR VOTE			BOARD OF DIRECTORS RECOMMENDS
	FOR	AGAINST	WITHHOLD	
1. To elect nine directors to hold office until the 2023 annual meeting of shareholders and until their respective successors are duly elected and qualified.				 FOR
1.01 Alfred D. Kingsley	<input type="checkbox"/>		<input type="checkbox"/>	
1.02 Dipti Amin	<input type="checkbox"/>		<input type="checkbox"/>	
1.03 Deborah Andrews	<input type="checkbox"/>		<input type="checkbox"/>	
1.04 Don M. Bailey	<input type="checkbox"/>		<input type="checkbox"/>	
1.05 Neal C. Bradsher	<input type="checkbox"/>		<input type="checkbox"/>	
1.06 Brian M. Culley	<input type="checkbox"/>		<input type="checkbox"/>	
1.07 Anula Jayasuriya	<input type="checkbox"/>		<input type="checkbox"/>	
1.08 Michael H. Mulroy	<input type="checkbox"/>		<input type="checkbox"/>	
1.09 Angus C. Russell	<input type="checkbox"/>		<input type="checkbox"/>	
2. To ratify the appointment of WithumSmith+Brown, PC as the company's independent registered public accounting firm for its fiscal year ending December 31, 2022.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	FOR
3. To approve, on an advisory basis, the compensation paid to the company's named executive officers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	FOR
4. NOTE: To transact such other business as may properly come before the meeting or any adjournment or postponement thereof.				

☐ Check here if you would like to attend the meeting in person.

Authorized Signatures - Must be completed for your instructions to be executed.

Please sign exactly as your name(s) appears on your account. If held in joint tenancy, all persons should sign. Trustees, administrators, etc., should include title and authority. Corporations should provide full name of corporation and title of authorized officer signing the Proxy/Vote Form.

Signature (and Title if applicable)

Date

Signature (if held jointly)

Date