

UNICYCIVE THERAPEUTICS, INC.
PROXY FOR ANNUAL MEETING TO BE HELD ON JUNE 26, 2023
THIS PROXY IS SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS

The undersigned hereby appoints, John Townsend and Shalabh Gupta, and each of them, as proxies, each with full power of substitution, to represent and to vote all the shares of common stock of Unicycive Therapeutics, Inc. (the “**Company**”), which the undersigned would be entitled to vote, at the Company’s Annual Meeting of Stockholders to be held on June 26, 2023 and at any adjournments thereof, subject to the directions indicated on this Proxy Card.

In their discretion, the proxy is authorized to vote upon any other matter that may properly come before the meeting or any adjournments thereof.

THIS PROXY WILL BE VOTED IN ACCORDANCE WITH THE SPECIFICATIONS MADE, BUT IF NO CHOICES ARE INDICATED, THIS PROXY WILL BE VOTED FOR THE ELECTION OF ALL NOMINEES AND FOR THE PROPOSALS LISTED BELOW.

This proxy is governed by the laws of the State of Delaware.

IMPORTANT—This Proxy must be signed and dated below.

Important Notice Regarding the Availability of Proxy Materials for the Annual Meeting of Stockholders to be held on June 26, 2023 at 9:00 a.m. Pacific Daylight Time at our office, located at 4300 El Camino Real, Suite 210, Los Altos, CA 94022. The proxy statement and the 2022 Annual Report on Form 10-K are available at www.annualgeneralmeetings.com/uncy2023.

THIS IS YOUR PROXY
YOUR VOTE IS IMPORTANT!

Dear Stockholder:

We cordially invite you to attend the Annual Meeting of Stockholders of Unicycive Therapeutics, Inc. to be held at our office located at 4300 El Camino Real, Suite 210, Los Altos, CA 94022, on June 26, 2023, beginning at 9:00 a.m. Pacific Daylight Time.

Please read the proxy statement which describes the proposals and presents other important information, and complete, sign and return your proxy promptly in the enclosed envelope.

THE BOARD OF DIRECTORS RECOMMENDS A VOTE “FOR” PROPOSALS 1, 2, 3, 4 and 5.

1. Election of Director Nominee

	FOR	WITHHOLD		FOR	WITHHOLD
01. Dr. Gaurav Aggarwal	<input type="checkbox"/>	<input type="checkbox"/>	03. Dr. Sandeep Laumas	<input type="checkbox"/>	<input type="checkbox"/>
02. Dr. Shalabh Gupta	<input type="checkbox"/>	<input type="checkbox"/>	04. Dr. John Ryan	<input type="checkbox"/>	<input type="checkbox"/>

2. Proposal to ratify Mayer Hoffman McCann P.C. as the Company’s independent registered public accountants for the fiscal year ending December 31, 2023.

☐ **FOR** ☐ **AGAINST** ☐ **ABSTAIN**

3. Approval, for purposes of complying with Nasdaq Listing Rule 5635(d), of the issuance by the Company of shares of common stock pursuant to the terms of the private placement financing transaction set forth in the Securities Purchase Agreement dated as of March 3, 2023 between the Company and each of the investors named therein, the Certificate of Designation of Preferences, Rights and Limitation of our Series A Convertible Voting Preferred Stock and the other documents and agreement related thereto, without giving effect to the caps on issuing shares contained therein.

☐ **FOR** ☐ **AGAINST** ☐ **ABSTAIN**

4. Approval of an amendment to the Company’s amended and restated certificate of incorporation to effect a reverse stock split of the Company’s outstanding common stock, at a ratio within the range of 1-for-2 to 1-for-20, with the final ratio to be selected by our board of directors in its discretion at any time, if at all, within one year of the date of the Annual Meeting without further approval or authorization of our stockholders.

☐ **FOR** ☐ **AGAINST** ☐ **ABSTAIN**

5. Approval of the amendment and restatement of the 2021 Omnibus Equity Incentive Plan.

☐ **FOR** ☐ **AGAINST** ☐ **ABSTAIN**

Important: Please sign exactly as name appears on this proxy. When signing as attorney, executor, trustee, guardian, corporate officer, etc., please indicate full title.

Date: _____

Signature: _____

Signature: _____

Title: _____

- ☐ I agree to receive all future communications related to these holdings electronically via the email address provided below. I understand I am able to change this selection at any time in the future.

EMAIL ADDRESS: _____