

FATE THERAPEUTICS, INC.

Amended and Restated Compensation Committee Charter

I. General Statement of Purpose

The Compensation Committee of the Board of Directors (the “Compensation Committee”) of Fate Therapeutics, Inc. (the “Company”), on behalf of the Board of Directors (the “Board”), discharges certain of the Board’s responsibilities relating to compensation of the Company’s directors and executives, oversees the Company’s overall compensation structure, policies and programs, reviews the Company’s processes and procedures for the consideration and determination of compensation, and is responsible for producing a report for inclusion in the Company’s proxy statement relating to its annual meeting of stockholders or annual report on Form 10-K, if applicable, in accordance with applicable rules and regulations. The primary objective of the Compensation Committee is to design and develop compensation policies and plans that ensure the attraction and retention of key management personnel, the motivation of management to achieve the Company’s corporate goals and strategies, and the alignment of the interests of management with the long-term interests of the Company’s stockholders. The Compensation Committee may also review and discuss with management the Company’s key human resource management strategies and programs, including (i) diversity, equity and inclusion; (ii) employee health, safety and well-being and (iii) initiatives and programs related to corporate culture, employee engagement, and enterprise-wide talent development and succession planning.

II. Compensation Committee Composition

The number of individuals serving on the Compensation Committee shall be fixed by the Board from time to time but shall consist of no fewer than three members, each of whom shall satisfy the independence standards established pursuant to Rule 5605(a)(2) of the Listing Rules of The Nasdaq Stock Market LLC (as amended and in effect from time to time, the “Nasdaq Rules”), subject to any applicable exceptions contained in the Nasdaq Stock Market Rules. In determining the members of the Compensation Committee, the Board will consider whether the members qualify as “non-employee directors” as defined in Rule 16b-3 under the Securities Exchange Act of 1934, as amended (the “Exchange Act”).

The members of the Compensation Committee shall be appointed by the Board and may be replaced or removed by the Board at any time, with or without cause. Resignation or removal of a director from the Board, for whatever reason, shall automatically and without further action constitute resignation or removal, as applicable, from the Compensation Committee. Any vacancy on the Compensation Committee occurring, for whatever reason, may be filled only by the Board. The Board shall designate one member of the Compensation Committee to serve as Chairperson of the Compensation Committee.

III. Meetings

The Compensation Committee shall meet as often as it determines is appropriate to carry out its responsibilities. Such meetings may be held in person or by telephone conference or other communications equipment by means of which all persons participating in the meeting can hear each other. A majority of the members of the Compensation Committee shall constitute a quorum for purposes of holding a meeting and the Compensation Committee may act by a vote of a majority of the members present at such meeting. In lieu of a meeting, the Compensation Committee may act by unanimous written consent (which may include electronic consent) in accordance with the Company's bylaws, as amended. The Chairperson of the Compensation Committee, in consultation with the other members and management, may determine the frequency and length of the Compensation Committee meetings and may set meeting agendas consistent with this Amended and Restated Compensation Committee Charter (this "Charter").

IV. Compensation Committee Activities

The Compensation Committee's purpose and responsibilities shall be to:

A. Review of Charter

- Review and reassess the adequacy of this Charter periodically and submit any proposed changes to the Board for approval.

B. Processes and Procedures for Considering and Determining Director and Executive Officer Compensation

- Review and reassess periodically (and where appropriate, make such recommendations to the Board as the Compensation Committee deems advisable with regard to) the Company's processes and procedures for the consideration and determination of director and executive officer compensation, and review and discuss with management any description of such processes and procedures to be included in the Company's proxy statement for its annual meeting of stockholders.
- Review and approve the peer group of companies used to inform the Company's evaluation of compensation for its employees and directors.

C. Compensation Committee Report

- Review and discuss with management the Compensation Discussion and Analysis, if required, to be included in the Company's proxy statement or annual report on Form 10-K ("CD&A"), as applicable.
- Based on the Compensation Committee's review and discussions with management of the CD&A, if required, make a recommendation to the Board that the CD&A be included in the Company's proxy statement or annual report on Form 10-K, as applicable.

- Prepare the Compensation Committee Report to be included in the Company’s proxy statement or annual report on Form 10-K, as applicable, in accordance with the applicable rules and regulations of the Securities and Exchange Commission, any securities exchange on which the Company’s securities are traded, and any other rules and regulations applicable to the Company.

D. Performance Evaluation of the Compensation Committee

- Periodically conduct a performance evaluation of the Compensation Committee and report to the Board on the results of such evaluation.

E. Incentive-Compensation, Equity-Based Plans

- Act as administrator of the Company’s equity and incentive plans.
- Oversee administration of all incentive compensation and equity-based plans for employees and approve all forms of award agreement and/or sub-plans adopted thereunder.
- Review and oversee grants and awards by the Company’s Chief Executive Officer (“CEO”) and/or such other delegates of the Compensation Committee pursuant to the authority delegated by the Compensation Committee to the CEO and/or such other delegates in accordance with the terms of the equity award grant policies and practices, as adopted by the Board or the Compensation Committee from time to time (the “Equity Award Grant Policies”) and determine and review periodically the share range for each level of employment and for consultants, if applicable, provided that such delegation shall in no way limit the Compensation Committee’s ability to make separate or different grants or awards or make recommendations in respect thereof to the Board.
- Review and approve, or upon the request of the Board, review and recommend for approval by the Board, grants and awards to “officers” (as defined in Section 16 of the Exchange Act and Rule 16a-1 promulgated thereunder) of the Company, other senior staff, employees and consultants under incentive-based compensation plans and equity-based plans, in each case consistent with the terms of such plans and the Company’s Equity Award Grant Policies.
- Evaluate and determine, or upon the request of the Board, recommend for determination by the Board, the achievement of milestones under any incentive or equity-based awards to officers, consultants and other employees of the Company.
- Review and approve, or upon the request of the Board, recommend for approval by the Board, grants and awards for the Chief Executive Officer

under incentive-based compensation plans and equity-based plans, in each case consistent with the terms of such plans.

- Review and make such recommendations to the Board as the Compensation Committee deems advisable with regard to the adoption of new equity-based compensation plans, or the amendment of any existing equity-based compensation plans with respect to amending the number of shares reserved and available for the grant of awards or the class of participants.
- Review and approve, or upon request of the Board, review and make such recommendations to the Board as the Compensation Committee deems advisable with regard to policies and procedures for the grant of equity-based awards by the Company.

F. Matters Related to Compensation of the Company's CEO

- Review and approve, or upon the request of the Board, review and recommend for approval by the Board, the corporate goals and objectives that may be relevant to the compensation of the Company's CEO.
- Evaluate the CEO's performance in light of the goals and objectives that were set for the CEO and determine and approve or, at the request of the Board, recommend to the Board the CEO's compensation based on such evaluation. In connection with determining, or recommending to the Board the long-term incentive component of the CEO's compensation, the Compensation Committee should consider, among other relevant factors, the Company's performance and relative stockholder return, the value of similar incentive awards to chief executive officers at comparable companies, and the awards made by the Company to the Company's CEO in past years.
- Review periodically the aggregate amount of compensation being paid or potentially payable to the CEO.
- For the CEO, periodically review and approve, or recommend to the Board for approval, (1) any employment agreements, severance agreements and change in control agreements or provisions, in each case, when and if appropriate, and (b) any special or supplemental benefits.
- Exclude the CEO during voting or deliberations concerning his or her compensation.

G. Matters Related to Compensation of the Officers Other Than the CEO

- Review and approve the compensation of all officers of the Company other than the CEO, and at the discretion of the Compensation Committee, other members of senior management, including with respect to any cash compensation (including severance), incentive compensation plans, equity-

based plans, perquisites and other benefits. For purposes hereof, the term “officer” has the meaning defined in Section 16 of the Exchange Act and Rule 16a-1 promulgated thereunder.

- Review periodically the aggregate amount of compensation being paid or potentially payable to all “officers” of the Company other than the CEO, and at the discretion of the Compensation Committee, other members of senior management. For the “officers” of the Company other than the CEO, and at the discretion of the Compensation Committee, other members of senior management, periodically review and approve, or recommend to the Board for approval, (a) any employment agreements, severance arrangements and change in control agreements or provisions, in each case, when and if appropriate, and (b) any special or supplemental benefits.

H. Recommendations Regarding Non-Employee Director and Executive Officer Compensation

- Periodically review and make recommendations to the Board regarding the compensation of non-employee directors.

I. Processes and Procedures for Considering and Determining Non-Employee Director and Executive Officer Compensation

- Review and assess the results of the most recent stockholder advisory vote on executive compensation and, to the extent the Compensation Committee deems appropriate, take such results into consideration in connection with its review and approval of compensation for executive officers.

V. Additional Compensation Committee Authority

The Compensation Committee is authorized, on behalf of the Board, to do any of the following, as the Compensation Committee deems necessary or appropriate in its discretion:

A. Matters Related to Compensation of the Company’s Directors

- Review and make such recommendations to the Board as the Compensation Committee deems advisable with regard to the compensation of the directors of the Company, including with respect to any equity-based plans.

B. Matters Related to Compensation of Non-Officer Employees

- Review management’s aggregate decisions regarding the compensation of all employees of the Company other than the Company’s “officers,” as defined in Section 16 of the Exchange Act and Rule 16a-1 promulgated thereunder, including any 401(k) plan matching policies; provided, that the Compensation

Committee retains authority to review and approve compensation for all such employees.

C. Matters Related to Compensation Consulting Firms or Other Outside Advisors

- Retain or obtain the advice of compensation consultants, legal counsel and/or other advisors; provided that:
 - The Compensation Committee is authorized to, and must, have direct responsibility for the appointment, retention, compensation and oversight of the work of any compensation consultant, legal counsel or other advisor retained by the Compensation Committee and the Company must provide for appropriate funding, as determined by the Compensation Committee, for payment of reasonable compensation to any such compensation consultant, legal counsel or other advisor; and
 - Before any compensation consultant, legal counsel or other advisor (other than (1) in-house legal counsel or (2) any compensation consultant, legal counsel or other advisor whose role is limited to the following activities for which no disclosure would be required under Item 407(e)(3)(iii) of Regulation S-K: (i) consulting on any broad-based plan that does not discriminate in scope, terms, or operation, in favor of executive officers or directors of the Company, and that is available generally to all salaried employees or (ii) providing information that either is not customized for a particular company or that is customized based on parameters that are not developed by the compensation consultant, legal counsel or other advisor and about which the compensation consultant, legal counsel or other advisor does not provide advice) is selected by, or provides advice to, the Compensation Committee, the Compensation Committee shall take into consideration all factors relevant to that person's independence from management of the Company, including the following factors:
 - The provision of other services to the Company by the person that employs the compensation consultant, legal counsel or other advisor;
 - The amount of fees received from the Company by the person that employs the compensation consultant, legal counsel or other advisor, as a percentage of the total revenue of the person that employs the compensation consultant, legal counsel or other advisor;
 - The policies and procedures of the person that employs the compensation consultant, legal counsel or other advisor that are designed to prevent conflicts of interest;

- Any business or personal relationship of the compensation consultant, legal counsel or other advisor with a member of the Compensation Committee;
- Any stock of the Company owned by the compensation consultant, legal counsel or other advisor; and
- Any business or personal relationship of the compensation consultant, legal counsel, other advisor or the person employing the advisor with an executive officer of the Company.
- The Company is prohibited from engaging a compensation consultant engaged by the Compensation Committee, or an affiliate of any such compensation consultant, to provide any other services to the Company without the approval of the Compensation Committee.

D. Human Capital Management

- The Compensation Committee may assist the Board in its oversight of the Company's strategies, programs and initiatives related to employee health, safety and well-being; engagement; pay equity; and diversity and inclusion.

E. Oversight of Stock Ownership Guidelines Compliance

- The Compensation Committee shall have the authority to approve, and to periodically review compliance of directors, officers and employees with the Company's stock ownership guidelines, if any, as may be in effect from time to time.

VI. General

- The Compensation Committee may establish and delegate authority to one or more subcommittees consisting of one or more of its members, when the Compensation Committee deems it appropriate to do so in order to carry out its responsibilities. In addition, the Compensation Committee may delegate to the CEO and/or other delegates the authority to approve equity grants to individuals other than executive officers or himself, in accordance with the terms of the Company's Equity Award Grant Policies.
- The Compensation Committee shall make regular reports to the Board concerning areas of the Compensation Committee's responsibility.
- In carrying out its responsibilities, the Compensation Committee shall be entitled to rely upon advice and information that it receives in its discussions and communications with management and such experts, advisors and professionals with whom the Compensation Committee may consult. The Compensation Committee shall have the authority to request that any officer or employee of the Company, the Company's outside legal counsel, the Company's independent auditor or any other professional retained by the Company to render advice to the Company attend a meeting of the

Compensation Committee or meet with any members of or advisors to the Compensation Committee.

- The Compensation Committee may perform such other functions as may be requested by the Board from time to time.

Amendments Adopted on May 3, 2019 and June 5, 2023.