

GENERATE BIOMEDICINES, INC.

SCIENCE & TECHNOLOGY/RESEARCH & DEVELOPMENT COMMITTEE CHARTER

A. PURPOSE AND SCOPE

The Science & Technology/Research & Development Committee (the “**Committee**”) of the Board of Directors (the “**Board**”) of Generate Biomedicines, Inc. (the “**Company**”) is responsible for assisting the Board in its oversight of the Company’s research and development strategy, activities and portfolio, and for advising the Board (but not managing or directing) with respect to strategic scientific and technological considerations.

B. COMPOSITION AND MEETINGS

All members of the Committee shall be appointed by, and shall serve at the pleasure of, the Board. In determining whether a director is eligible to serve as a Committee member, the Board may consider the director’s scientific, regulatory, medical, clinical development, and technical expertise; experience in the biotechnology industry; and any other relevant operational or business experience. The number of directors serving on the Committee shall be fixed by the Board from time to time but shall consist of no fewer than two (2) directors. The members of the Committee shall be appointed annually 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 constitute resignation or removal, as applicable, from the Committee. Vacancies, for whatever reason, may be filled by the Board. The Board shall designate one member of the Committee to be Chair (the “**Chair**”) of the committee.

Meetings of the Committee will be held, from time to time, at the pleasure of the Board and the members of the Committee. The Committee may meet in person or by conference telephone 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 Committee shall constitute a quorum for purposes of a meeting, and the Committee may act by a vote of a majority of members present at a meeting. Minutes will be kept of each meeting of the Committee and will be provided to each member of the Board. The Committee may also act by unanimous written consent in accordance with the Company’s bylaws.

C. DUTIES AND RESPONSIBILITIES

The Committee shall have the following specific duties and responsibilities:

- Review, evaluate, and advise the Board and management regarding the Company’s research and development strategy and plans.
- Review and advise the Board and management on the Company’s internal and external investments and technology platforms for development.

- Identify and discuss new and emerging trends in pharmaceutical and biotechnological science and technology.
- Review and assess the Company's integration of emerging advanced technology in process development evaluation and strategic planning.
- Review, evaluate, and advise the Board regarding the Company's progress in achieving its short-term and long-term strategic research and development goals and objectives.
- Review, evaluate, and advise the Board and management regarding the quality, direction and competitiveness of the Company's research and development programs.
- Provide experienced insights and overview regarding the strategy of the Company's key clinical development programs, as appropriate.
- Review and assist the Board on other topics and perform other functions as may be requested by the Board from time to time.
- Review and reassess the adequacy of this Charter periodically and recommend to the Board any amendments or modifications it deems appropriate.
- Periodically, evaluate its own performance and report the results of such evaluation to the Board.

In addition to the specific powers set forth in this Charter, the Committee shall have such powers as may be necessary or appropriate for it to efficiently carry out its duties hereunder.

D. GENERAL

- The Committee shall regularly update the Board about its activities and recommendations upon request of the Board.
- The Committee shall have the authority to request that any officer or employee of the Company or the Company's outside legal counsel attend a meeting of the Committee.
- The Committee may establish and delegate authority to one or more subcommittees consisting of one or more of its members, when the Committee deems it appropriate to do so in order to carry out its responsibilities.
- In carrying out its responsibilities, the Committee shall be entitled to rely upon advice and information that it receives in its discussions and communications with management and any experts, advisers, and professionals with whom the Committee may consult.
- The Committee is authorized to incur such ordinary administrative expenses in performing its duties.

Adopted on February 18, 2026, and subject to effectiveness of the Company's
Registration Statement on Form S-1 for its initial public offering.