

BEAM THERAPEUTICS INC.

SCIENCE AND TECHNOLOGY COMMITTEE CHARTER

Adopted by the Board of Directors on January 22, 2024

A. PURPOSE AND SCOPE

The purpose of the Science and Technology Committee (the “Committee”) of the Board of Directors (the “Board”) of Beam Therapeutics Inc. (the “Company”) is to assist the Board’s oversight of the Company’s research, pipeline, nonclinical development, pharmaceutical sciences, technical operations, regulatory, clinical development, and manufacturing activities. The Committee has the authority to undertake the specific duties and responsibilities listed below and will have the authority to undertake such other specific duties as the Board from time to time prescribes.

B. COMPOSITION AND MEETINGS

The Committee shall consist of such number of directors as the Board shall from time to time determine. All members of the Committee shall be appointed by, and shall serve at the pleasure of, the Board, upon the recommendation of the Nominating and Corporate Governance Committee. The Board may remove members of the Committee from such Committee, with or without cause. A majority of the members of the Committee shall constitute a quorum for purposes of holding a meeting. Unless otherwise determined by the Board, no action of the Committee shall be valid unless taken pursuant to a resolution adopted and approved by at least a majority of the members of the Committee. The Committee may also act by unanimous written consent in lieu of a meeting, including via e-mail or other electronic transmission.

Unless a Committee chairperson is appointed by the Board, the members of the Committee may designate a chairperson by majority vote of the Committee membership. The Committee shall meet as often as it deems necessary in order to perform its responsibilities. Such meetings may be held in person or by electronic communication as the Committee deems appropriate. The Committee Chair, in consultation with the other Committee members and management, may determine the frequency and length of Committee meetings and may set meeting agendas consistent with this Charter. The Committee shall keep such records of its meetings as it shall deem appropriate.

C. RESPONSIBILITIES AND AUTHORITY

The Committee shall discharge its responsibilities and shall assess the information provided by the Company’s management, in accordance with its business judgment.

To fulfill its responsibilities and duties, the Committee shall:

- Review the Company’s research and development pipeline and advise the Board on the suitability, competitiveness and progress of the Company’s programs and product candidates.

- Review, evaluate, and advise the Board and management regarding the regulatory strategy for the Company’s product candidates and programs.
- Monitor and evaluate the status of the Company’s manufacturing capabilities and supply chain strategy.
- Provide recommendations regarding key discovery and development strategies to align with business needs of the Company.
- Advise the Board and management on the scientific aspects of business development transactions.
- Assist the Board with its oversight responsibility for program risk management in areas affecting the Company’s research and development.
- Review such other topics and perform such other duties as may be delegated to the Committee from time to time by the Board.
- Report to the Board as requested by the Board from time to time.
- From time to time as it deems appropriate, review and reassess the adequacy of this Charter and recommend any proposed changes to the Board for approval.
- Periodically evaluate its own performance.
- Exercise such additional powers as may be reasonably necessary or desirable, in the Committee’s discretion, to fulfill its responsibilities and duties set forth in this Charter.

D. ADMINISTRATION

- The compensation of Committee members shall be as determined by the Board.
- The Committee shall have the authority to engage such external advisors as it deems necessary or appropriate to carry out its responsibilities. The Committee is empowered, without further action by the Board, to cause the Company to pay the compensation of such advisors.
- The Committee may from time to time request any officer, employee or advisor of the Company to meet with the Committee or any advisors engaged by the Committee.
- The Committee may form and delegate authority to one or more subcommittees (including a subcommittee consisting of a single member), as it deems appropriate from time to time under the circumstances.

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It is acknowledged that all of the above listed tasks and focus areas may not be relevant to all of the matters and tasks that the Committee may consider and act upon from time to time, and the members of the Committee in their judgment may determine the relevance thereof and the attention such items shall receive in any particular context.