

MBX BIOSCIENCES, INC.

SCIENCE AND MEDICINE COMMITTEE CHARTER

I. General Statement of Purpose

The purpose of the Science and Medicine Committee (the “Committee”) of the Board of Directors (the “Board”) of MBX Biosciences, Inc. (the “Company”) is to assist the Board’s oversight of the Company’s research, pipeline, nonclinical development, pharmaceutical sciences, 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.

II. Composition

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. 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.

III. Meetings

The Committee shall meet as often as it deems appropriate. The Committee can meet in person or by video or telephone conference or such other means by which all participants in the meeting can hear each other. A majority of the members of the Committee shall constitute a quorum for purposes of holding a meeting, and the Committee may act by vote of a majority of members present at a meeting. In lieu of a meeting, the Committee may act by unanimous written consent in accordance with the Company’s certificate of incorporation. The chairperson of the Committee, in consultation with the other committee members, may determine the frequency and length of the committee meetings and may set meeting agendas consistent with this Science and Medicine Committee Charter (the “Charter”).

IV. 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 area 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.

V. Additional Authority

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

- The Committee may engage, on whatever terms it approves, legal counsel and other advisers to assist it in performing its responsibilities.
- In performing its oversight function, the Committee shall be entitled to rely on advice and information it receives from management or other experts, advisers and professionals whom it may consult.
- The Committee is authorized to request that any officer or employee of the Company, the Company’s outside legal counsel, or any other professional retained by the Company to meet with the Committee or its members or advisers.
- The Committee is authorized to incur ordinary administrative expenses in performing its duties.

Adopted: October 23, 2024, Effective: October 23, 2024