

**SPARK THERAPEUTICS, INC.**

**SCIENCE AND TECHNOLOGY COMMITTEE CHARTER**

**A. Purpose**

The purpose of the Science and Technology Committee (the “Committee”) of the Board of Directors (the “Board”) of Spark Therapeutics, Inc. (the “Company”) is to assist the Board’s oversight of the Company’s research and development activities.

**B. Structure and Membership**

1. Number. The Committee shall consist of such number of directors as the Board shall from time to time determine.
2. Chair. Unless the Board elects a Chair of the Committee, the Committee shall elect a Chair by majority vote.
3. Compensation. The compensation of Committee members shall be as determined by the Board.
4. Selection and Removal. Members of the Committee shall be appointed by 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.

**C. Authority and Responsibilities**

1. General. The Committee shall discharge its responsibilities, and shall assess the information provided by the Company’s management, in accordance with its business judgment.
2. Science and Technology Matters. In the discharge of its responsibilities, the Committee shall:
  - a. Review, evaluate, and advise the Board and management regarding the long-term strategic goals and objectives and the quality and direction of the Company’s research and development programs; provided, however, the Committee will not be expected to review individual research projects and programs;
  - b. Monitor and evaluate trends in research and development, and recommend to the Board and management emerging technologies for building the company’s technological strength.
  - c. Recommend approaches to acquiring and maintaining technology positions; advise the Board and management on the scientific aspects of business development transactions.

- d. Regularly review the Company's research and development pipeline.
- e. Review such other topics as delegated to the Committee from time to time by the Board.

#### **D. Procedures and Administration**

1. Meetings. The Committee shall meet from time to time as it deems necessary in order to perform its responsibilities. Such meetings may be held telephonically or in persons as the Committee deems appropriate. The Committee may also act by unanimous written consent in lieu of a meeting.
2. Minutes. The Committee shall keep minutes of its meetings in a form that it shall deem appropriate and report the same to the Board of directors upon request.
3. Subcommittees. 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.
4. Charter. The Committee shall, 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.
5. Independent Advisors. The Committee shall have the authority to engage such external advisors as it deems necessary or appropriate to carry out its responsibilities.
6. Company Participation. 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.
7. Periodic Self-Evaluation. The Committee shall periodically evaluate its own performance.