

**ARCTURUS THERAPEUTICS HOLDINGS INC.
CHARTER OF THE AUDIT COMMITTEE
OF THE BOARD OF DIRECTORS**

Amended and Restated on June 10, 2019

I. PURPOSES.

The purpose of the audit committee (the “Audit Committee”) of the board of directors (the “Board”) of Arcturus Therapeutics Holdings Inc. (the “Company”) is to assist the Board in overseeing the accounting and financial reporting processes of the Company and the audits of the Company’s financial statements. In that regard, the Audit Committee shall assist the Board in monitoring: (1) the integrity of the financial statements of the Company; (2) the independent auditor’s qualifications and independence; (3) the performance of the Company’s internal audit function and independent auditors; and (4) the compliance by the Company with legal and regulatory requirements.

In addition, the Audit Committee will undertake those specific duties and responsibilities required under the rules and regulations of The Nasdaq Stock Market (“Nasdaq”), those listed below and such other duties as the Board may from time to time prescribe.

II. MEMBERSHIP.

Audit Committee members will be appointed by, and will serve at the discretion of, the Board. The Audit Committee will consist of at least three members of the Board. Members of the Audit Committee must meet the following criteria (as well as any other criteria required by the Securities and Exchange Commission (the “SEC”)):

1. Each member will be an independent director, as defined in (i) Nasdaq Rule 5605, (ii) Section 10A(m)(3) of the Securities Exchange Act of 1934, as amended, and (iii) the rules and regulations of the SEC, provided, that, one non-independent, non-employee director may serve on the Audit Committee if (a) the Board has made the required determination under Nasdaq Rule 5605(c) and (b) such Nasdaq rule is in effect or has not otherwise been superseded;
2. Each member will be able to read and understand fundamental financial statements, in accordance with Nasdaq rules;
3. No member has participated in the preparation of the financial statements of the Company or any current subsidiary of the Company at any time during the past three years; and
4. At least one member will qualify as an audit committee financial expert, under Nasdaq and SEC rules and regulations.

The Board shall annually appoint the members of the Audit Committee as soon as practical after the Company’s annual meeting of stockholders, and the Audit Committee members may elect a chairman.

III. RESPONSIBILITIES.

The responsibilities of the Audit Committee shall include the following:

1. Reviewing on a continuing basis the adequacy of the Company's system of internal controls, including meeting periodically with the Company's management and the independent registered public accounting firm to review the adequacy of such controls, and to review before release the disclosure regarding such system of internal controls required under SEC rules to be contained in the Company's periodic filings and the attestations or reports by the independent registered public accounting firm relating to such disclosure (to the extent such attestations or reports are required under applicable law);
2. Pre-approving audit and non-audit services provided to the Company by the independent registered public accounting firm. The Audit Committee shall consult with management but shall not delegate these responsibilities. The Audit Committee shall also review and approve disclosures relating to fees and non-audit services required to be included in the SEC reports. Subject to the Board and stockholder approval if and to the extent required by applicable law, the Audit Committee shall have the authority to approve all audit engagement fees and terms and all non-audit engagements, as may be permissible, with the independent registered public accounting firm;
3. Reviewing on a continuing basis the activities, organizational structure and qualifications of the Company's internal audit/financial control function;
4. Reviewing and providing guidance with respect to the independent audit and the Company's relationship with its independent registered public accounting firm by (i) reviewing the independent registered public accounting firm's proposed audit scope and approach; (ii) obtaining on a periodic basis a formal written statement from the independent registered public accounting firm regarding relationships and services with the Company which may impact independence and presenting this statement to the Board; (iii) actively engaging in a dialogue with the independent registered public accounting firm with respect to any disclosed relationships or services that may impact the objectivity and independence of the independent registered public accounting firm and recommending that the Board take appropriate action to satisfy itself with regard to the registered public accounting firm's independence; (iv) discussing with the Company's independent registered public accounting firm the financial statements and audit findings, including any significant adjustments, management judgments and accounting estimates, significant new accounting policies and disagreements with management and any other matters required to be discussed by applicable standards of the Public Company Accounting Oversight Board; and (v) reviewing reports submitted to the Audit Committee by the independent registered public accounting firm in accordance with the applicable SEC requirements;
5. Reviewing the qualifications, performance and independence of the Company's independent registered public accounting firm;

6. Overseeing compliance with the requirements of the SEC for disclosure of registered public accounting firm's services and Audit Committee members, member qualifications and activities;
7. Reviewing with management and the independent registered public accounting firm any correspondence with regulators or governmental agencies and any employee complaints or published reports that raise material issues regarding the Company's financial statements, internal controls, auditing matters, or accounting policies;
8. Resolving any disagreement between management and the registered public accounting firm regarding financial reporting, for the purpose of preparing or issuing an audit report or related work;
9. Reviewing the Company's policies relating to the avoidance of conflicts of interest and reviewing past or proposed transactions between the Company, members of the Board and management as well as internal control policies and procedures with respect to officers' use of expense accounts and perquisites, including the use of corporate assets. The Audit Committee shall consider the results of any review of these policies and procedures by the Company's independent registered public accounting firm;
10. Reviewing any auditing or accounting issues concerning the Company's employee benefit plans;
11. If necessary, instituting special investigations relating to financial statements or accounting policies with full access to all books, records, facilities and personnel of the Company;
12. As appropriate, obtaining advice and assistance from outside legal, accounting or other advisors, and retaining such persons to provide such services. The Committee shall determine the appropriate funding to, be provided by the Company, for payment of compensation to any legal, accounting or other advisors employed by the Audit Committee;
13. Reviewing and approving in advance any proposed related party transactions to the extent required under Nasdaq and other rules;
14. Establishing and maintaining free and open means of communication between the Audit Committee, the Company's independent registered public accounting firm, the Company's internal audit/financial control department and management with respect to auditing and financial control matters, including providing such parties with appropriate opportunities to meet privately with the Audit Committee;
15. Establishing procedures for receiving, retaining and treating complaints received by the Company regarding accounting, internal accounting controls or auditing matters and procedures for the confidential, anonymous submission by employees of concerns regarding questionable accounting or auditing matters;
16. Reviewing and assessing on an annual basis the adequacy of its own charter, structure, processes and membership requirements;

17. Reviewing and discussing periodically with management all material off-balance sheet transactions, arrangements, obligations (including contingent obligations) and other relationships of the Company with unconsolidated entities or other persons, that may have a material current or future effect on financial condition, changes in financial condition, results of operations, liquidity, capital resources, capital reserves or significant components of revenues or expenses;
18. At least annually, reviewing and discussing with management the Company's major financial risk exposures and the steps management has taken to monitor and control such exposures (including management's risk assessment and risk management policies including its investment policies and performance for cash and short-term investments);
19. Reviewing and approving any material change or waiver in the Company's ethics codes regarding directors or senior executive officers, and disclosures made in the Company's annual report in such regard;
20. Overseeing the hiring policies for employees or former employees of the independent registered public accounting firm, so that such hiring shall be in compliance with any applicable laws and regulations; and
21. Performing such additional activities and consider such other matters within the scope of its responsibilities or duties according to applicable law and/or as the Audit Committee and/or the Board deems necessary or appropriate.

While the Audit Committee has the responsibilities and powers set forth in this Charter, it is not the duty of the Audit Committee to plan or conduct audits or to determine that the Company's financial statements and disclosures are complete and accurate and are in accordance with U.S. generally accepted accounting principles, International Financial Reporting Standards or such other accounting standards adopted by the Company, and applicable rules and regulations.

IV. MEETINGS.

The Audit Committee will meet as often as it determines, but not less frequently than once every quarter.

The Audit Committee, in its discretion, may ask members of management or others to attend its meetings (or portions thereof) and to provide pertinent information as necessary. The Audit Committee will meet separately with the chief executive officer and separately with the chief financial officer of the Company at such times as are appropriate to review the financial affairs of the Company. The Audit Committee will meet periodically in separate executive session with the independent registered public accounting firm as well as any financial controllers of the Company, at such times as it deems appropriate to fulfill the responsibilities of the Audit Committee under this charter.

The independent registered public accounting firm shall be invited to every meeting of the Audit Committee that relates to the financial statements of the Company. The internal auditor shall be invited to all Audit Committee meetings. In addition, the internal auditor may request that the chairperson of the Audit Committee convene a meeting to discuss a particular issue, and the

chairperson shall convene the Audit Committee within a reasonable period of time, if the chairperson finds it appropriate to do so.

A majority of the Audit Committee members shall constitute a quorum. The action of a majority of those present at a meeting, at which a quorum is present, shall be the act of the Audit Committee.

V. MINUTES.

The Audit Committee will maintain written minutes of its meetings, which minutes will be filed with the minutes of the meetings of the Board.

VI. COMPENSATION.

Members of the Audit Committee may receive compensation for their service as Audit Committee members.

Members of the Audit Committee may not receive any compensation from the Company except the fees that they receive for service as members of the Board or any committee thereof.

VII. DELEGATION OF AUTHORITY.

The Audit Committee may delegate to one or more designated members of the Audit Committee the authority to pre-approve audit and permissible non-audit services, provided such pre-approval decision is presented to the full Audit Committee at its scheduled meetings.