

**AUDIT COMMITTEE CHARTER
OF
APREA THERAPEUTICS, INC.
(the “Company”)**

**As adopted by the Board of Directors on September 19, 2019
Effective September 19, 2019**

Purpose

The purpose of the Audit Committee (the “Committee”) of the Board of Directors (the “Board”) of the Company is to assist the Board in its oversight of (i) the Company’s accounting and financial reporting processes and the audit, (ii) the integrity of the Company’s financial statements, (iii) the Company’s compliance with legal and regulatory requirements, (iv) the qualifications and independence of the Company’s independent registered public accounting firm (the “Independent Registered Public Accounting Firm”), and (v) the performance of the Company’s internal accounting controls and auditing matters (or other Company personnel responsible for the internal audit function) (“Internal Audit”) as and when applicable, and the Independent Registered Public Accounting Firm. The Committee shall also prepare the report of the Committee required to be included in the Company’s annual report or proxy statement relating to the election of directors.

The Board recognizes that while the Committee has been given certain duties and responsibilities pursuant to this Charter, the Committee is not responsible for guaranteeing the accuracy of the Company’s financial statements or the quality of the Company’s accounting and financial reporting processes. The fundamental responsibility for the Company’s financial statements and disclosures rests with management and the Independent Registered Public Accounting Firm.

Composition of the Committee

The Committee shall be comprised of three or more directors, each of whom (i) meets the independence requirements of The NASDAQ Stock Market (“Nasdaq”) and (ii) otherwise satisfies the applicable requirements for audit committee service imposed by the Securities Exchange Act of 1934, as amended (together with the rules and regulations promulgated thereunder, the “Exchange Act”), and Nasdaq; provided that the Board may elect to take advantage of any exception from such requirements provided by Nasdaq rules.

At least one member of the Committee shall be an “audit committee financial expert” in accordance with the rules of the Securities and Exchange Commission, and at least one member (who may also serve as the audit committee financial expert) shall have past employment experience in finance or accounting, requisite professional certification in accounting or other comparable experience or background that leads to financial sophistication. The designation or determination by the Board of a person as an audit committee financial expert will not impose on such person individually, on the Committee, or on the Board as a whole, any greater duties, obligations or liability than would exist in the absence of such designation or determination. All other Committee members shall be able to read and understand fundamental financial statements,

including the Company's balance sheet, income statement and cash flow statement. To effectively perform his or her role, each Committee member will obtain an understanding of the detailed responsibilities of Committee membership as well as the Company's business, operations and risks.

No Committee member shall have participated in the preparation of the Company's or any of its subsidiaries' financial statements at any time during the past three years. Determinations as to whether a particular director satisfies the requirements for membership on the Committee shall be made by the Board.

Committee members (i) shall be appointed by the Board on the recommendation of the Nominating and Corporate Governance Committee, (ii) shall serve for such terms as the Board may determine, or until their earlier resignation, death or removal, and (iii) may be removed by the Board in its discretion.

Meetings

The Committee shall meet with such frequency and at such intervals as it determines necessary to carry out its duties and responsibilities, but in any case, not less than four times a year. The Board shall designate one member of the Committee to serve as its chairperson. The chairperson will preside, when present, at all meetings of the Committee. The Committee will meet at such times as determined by its chairperson or as requested by any two of its members. Notice of all Committee meetings shall be given, and waiver thereof determined, in accordance with the notice and waiver of notice requirements applicable to the Board. The Committee may meet by telephone, video conference or similar means of remote communication.

Each member of the Committee shall have one vote. One-third of the Committee members, but not less than two, shall constitute a quorum. The Committee shall be authorized to take any permitted action only by the affirmative vote of a majority of the Committee members at any meeting at which a quorum is present, or by the unanimous written consent of all of the Committee members.

The Committee shall maintain copies of minutes of each meeting of the Committee, and each written consent to action taken without a meeting, reflecting the actions so authorized or taken by the Committee. A copy of the minutes of each meeting and all consents shall be placed in the Company's minute book.

Delegation

The Committee may form and delegate authority to subcommittees consisting of one or more members when it deems appropriate, including the authority to grant pre-approvals of audit and permitted non-audit and tax services, provided that decisions of such subcommittee to grant pre-approvals and take any other actions shall be presented to the full Committee at its next scheduled meeting.

External Advisors

The Committee shall have the sole authority to obtain, at the Company's expense but at funding levels determined by the Committee, advice and assistance from outside legal, accounting or other advisors to assist with the execution of its duties and responsibilities as set forth in this Charter. The Committee shall also have authority to obtain advice and assistance from any officer or employee of the Company and to require any officer or employee of the Company or the Company's outside counsel or Independent Registered Public Accounting Firm to attend a meeting of the Committee or to meet with any members of, or advisors to, the Committee. The Committee shall have full, unrestricted access to Company records.

Duties and Responsibilities

In furtherance of its purpose, the Committee shall:

1. Meet to review and discuss the annual audited financial statements and quarterly financial statements with management and the Independent Registered Public Accounting Firm, including the disclosures under the caption "Management's Discussion and Analysis of Financial Condition and Results of Operations." The Committee shall make a recommendation to the Board as to whether the annual audited financial statements should be included in the Company's Annual Report on Form 10-K.
2. Discuss earnings press releases, as well as financial information and earnings guidance provided to analysts and ratings agencies.
3. Review reports to management prepared by the Independent Registered Public Accounting Firm or Internal Audit, as applicable, and any responses to the same by management.
4. Be directly responsible for the appointment, compensation, retention, oversight of the work of, and termination of the Independent Registered Public Accounting Firm. The Committee shall also be responsible for the resolution of disagreements, if any, between management and the Independent Registered Public Accounting Firm regarding accounting and financial reporting. The Independent Registered Public Accounting Firm shall report directly to the Committee.
5. Pre-approve all audit and permitted non-audit and tax services to be provided to the Company by the Independent Registered Public Accounting Firm, subject to the de minimis exceptions for non-audit services which are approved by the Committee prior to the completion of the audit. The Committee may delegate to one or more of its members the authority to grant such pre-approvals, provided that any decisions of such member or members to grant pre-approvals must be presented to the full Committee at its next scheduled meeting.
6. Obtain and review, at least annually, a report by the Independent Registered Public Accounting Firm describing: (i) the Independent Registered Public Accounting Firm's internal quality control procedures; (ii) any material issues raised by the most recent internal quality control review, or peer review, of the Independent Registered Public Accounting Firm, or by any inquiry or investigation by governmental or professional authorities, within the preceding five years, respecting one or more independent audits

carried out by the Independent Registered Public Accounting Firm, (iii) any steps taken to deal with any such issues; and (iv) all relationships between the Independent Registered Public Accounting Firm and the Company. Discuss with the Independent Registered Public Accounting Firm any issues or relationships disclosed in such report that, in the judgment of the Committee, may have an impact on the competence or independence of the Independent Registered Public Accounting Firm.

7. Obtain and review annually, prior to the completion of the Independent Registered Public Accounting Firm's annual audit of the Company's year-end financial statements (the "Annual Audit"), a report from the Independent Registered Public Accounting Firm, describing (i) all critical accounting policies and practices to be reflected in the Annual Audit, (ii) all alternative treatments of financial information within generally accepted accounting principles for policies and procedures related to material items that have been discussed with management, ramifications of the use of such alternative disclosures and treatments, and the treatment preferred by the Independent Registered Public Accounting Firm, and (iii) other material written communications between the Independent Registered Public Accounting Firm and management, such as any management letter or schedule of unadjusted differences. Review any reports on such topics or similar topics prepared by management. Discuss with the Independent Registered Public Accounting Firm any material issues raised in such reports.
8. Review and evaluate the lead audit partner of the Independent Registered Public Accounting Firm and assure the regular rotation of the lead audit partner, the concurring partner and other audit partners engaged in the Annual Audit, to the extent required by law.
9. Review the Company's financial reporting processes and internal controls, based on consultation with the Independent Registered Public Accounting Firm and Internal Audit, as applicable. Such review shall include a consideration of major issues regarding accounting principles and financial statement presentations, including any significant changes in the Company's selection or application of accounting principles, and major issues as to the adequacy of the Company's internal controls and any special audit steps adopted in light of identified deficiencies.
10. Discuss with the Independent Registered Public Accounting Firm the Independent Registered Public Accounting Firm's judgment about the quality, not just the acceptability, of the accounting principles applied in the Company's financial reporting.
11. Discuss with the Independent Registered Public Accounting Firm the Independent Registered Public Accounting Firm's judgment about the competence, performance and cooperation of Internal Audit and management.
12. Discuss with Internal Audit and management their views as to the competence, performance and independence of the Independent Registered Public Accounting Firm.

13. Review with the Independent Registered Public Accounting Firm any audit problems or difficulties and management's response thereto. The review should include discussion of the responsibilities, budget and staffing of Internal Audit, as applicable.
14. Review with the Independent Registered Public Accounting Firm, Internal Audit and management the extent to which any previously-approved changes or improvements in financial or accounting practices and internal controls have been implemented.
15. Review and approve any transaction between the Company and any related person (as defined in Item 404 of Regulation S-K) in accordance with the Company's related party transaction approval policy.
16. Review annually the effect of legal, regulatory and accounting initiatives on the Company's financial statements.
17. Review annually the effect of off-balance sheet arrangements, if any, on the Company's financial statements.
18. Review and discuss with the Independent Registered Public Accounting Firm the matters required to be discussed by the applicable requirements of the Public Company Accounting Oversight Board regarding communications with audit committees.
19. Discuss policies with respect to risk assessment and risk management, the Company's major litigation and financial risk exposures and the steps management has taken to monitor and control such exposures, it being understood that it is the job of management to assess and manage the Company's exposure to risk and that the Committee's responsibility is to discuss guidelines and policies by which risk assessment and management are undertaken.
20. Set clear hiring policies for employees or former employees of the Independent Registered Public Accounting Firm and oversee the hiring of any personnel from the Independent Registered Public Accounting Firm into positions within the Company in accordance with the hiring restrictions of the Sarbanes-Oxley Act of 2002.
21. Establish procedures for (i) the receipt, retention and treatment of complaints received by the Company regarding accounting, internal accounting controls, or auditing matters and (ii) the confidential, anonymous submission by employees of the Company of concerns regarding questionable accounting or auditing matters. Review periodically with management and Internal Audit these procedures and any significant complaints received.
22. Meet separately, periodically, with management, with Internal Audit and with the Independent Registered Public Accounting Firm.
23. Review periodically with the Company's chief legal officer, or appropriate delegates, the Company's compliance with legal and regulatory requirements.

24. Prepare the report of the Committee required to be included in the Company's annual report or proxy statement.
25. Report regularly to the Board, both with respect to the activities of the Committee generally and with respect to any issues that arise regarding the quality or integrity of the Company's financial statements, the Company's compliance with legal and regulatory requirements, the performance and independence of the Independent Registered Public Accounting Firm or the performance of Internal Audit.
26. Conduct an annual performance evaluation of the Committee and its members, including a review of adherence to this Charter.
27. Review the adequacy of this Charter annually and recommend any proposed changes to the Board for approval.
28. Perform such other duties and responsibilities, consistent with this Charter, the Company's bylaws, governing law, the rules and regulations of Nasdaq, the federal securities laws and such other requirements applicable to the Company, delegated to the Committee by the Board.