

TWIST BIOSCIENCE CORPORATION

AUDIT AND RISK COMMITTEE CHARTER

The Audit Committee reviewed its charter in August 2022

Purpose

The purpose of the Audit and Risk Committee (the "Committee") of the board of directors (the "Board") of Twist Bioscience Corporation, a Delaware corporation (the "Company"), is to oversee the accounting and financial reporting processes of the Company and audits of its financial statements, the effectiveness of the Company's internal control over financial reporting and to make such reports as may be required of an audit committee under the rules and regulations promulgated under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), including without limitation the Audit Committee report to stockholders for inclusion in the Company's annual proxy statement. The Committee is not responsible, however, for planning or conducting audits, or determining whether the Company's financial statements are complete and accurate or in accordance with generally accepted accounting principles. The Committee also reviews and assesses the Company's processes to manage and control risk, except for risks assigned to other committees of the Board or retained by the Board.

Membership & Organization

The Committee shall be comprised of at least three (3) members of the Board, all of whom in the judgment of the Board shall be independent in accordance with the listing standards of the Nasdaq Stock Market (except as otherwise permitted by the rules of the Nasdaq Stock Market and the rules and regulations (the "Regulations") of the Securities and Exchange Commission ("SEC") as may be in effect from time to time). Each member shall in the judgment of the Board have the ability to read and understand the Company's financial statements. At least one (1) member of the Committee shall in the judgment of the Board be an "audit committee financial expert" in accordance with the rules and regulations of the SEC and at least one (1) member (who may also serve as the audit committee financial expert) shall in the judgment of the Board have accounting or related financial management expertise in accordance with the listing standards of the Nasdaq Stock Market. 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 a designation or determination. In addition, Committee members will satisfy any additional requirements mandated by the rules and regulations of the SEC or the listing standards of the Nasdaq Stock Market.

Unless a chair is designated by the Board, the members of the Committee may appoint a chair of the Committee. A majority of the total number of then-serving members of the Committee shall constitute a quorum for the transaction of business at Committee meetings. The approval of a majority of such quorum shall constitute a valid act of the Committee at a duly held Committee meeting. The Committee may also act by unanimous written consent of the then-serving members of the Committee.

Authority & Responsibilities

The authority delegated to the Committee is set forth below. This description of authority is intended as a guide and the Committee may act and establish policies and procedures that are consistent with these guidelines or are necessary or advisable, in its discretion, to carry out the intent of the Board in delegating such authority and to fulfill the responsibilities of the Committee hereunder. The Committee is charged by the Board with the authority and responsibility to:

Independent Auditors

1. Appoint and provide for the compensation of a "registered public accounting firm" (as that term is defined in Section 2(a) of the Sarbanes-Oxley Act of 2002) to serve as the Company's independent auditor, oversee the work of the independent auditor (including resolution of any disagreements between management and the independent auditor regarding financial reporting), evaluate the performance of the independent auditor and, if so determined by the Committee, replace the independent auditor.

2. Review the plan for and the scope of the audit and related services at least annually.

3. Approve, in accordance with Sections 10A(h) and (i) of the Exchange Act, the Regulations and the Auditing Standards of the Public Company Accounting Oversight Board, all professional services, to be provided to the Company by its independent auditor, provided that the Committee shall not approve any non-audit services proscribed by Section 10A(g) of the Exchange Act in the absence of an applicable exemption. The Committee may adopt policies and procedures for the approval of such services which may include delegation of authority to a designated member or members of the Committee to approve such services so long as any such approvals are disclosed to the full Committee at its next scheduled meeting.

4. Ensure the receipt of, and evaluate the written disclosures and the letter that the independent auditor submits to the Committee regarding the auditor's independence in accordance with applicable requirements of the Public Company Accounting Oversight Board regarding the independent accountant's communications with the audit committee concerning independence, discuss such reports with the auditor, oversee the independence of the independent auditor and, if so determined by the Committee in response to such reports, take appropriate action to address issues raised by such evaluation or recommend such action to the full Board.

5. On an annual basis, prior to the issuance by the independent auditor of the audit report, ensure the independent auditor communicates matters related to the conduct of the audit and provides information relevant to the audit to the Committee. Such communications should include the responsibilities of the independent auditor in relation to the audit; establishing an understanding of the terms of the audit engagement; an overview of the overall audit strategy and timing; and providing timely observations arising from the audit that are significant to the financial reporting process.

Risk Management

6. Review and discuss with management, on a periodic basis, the Company's practices with respect to risk identification, assessment, monitoring and risk management and mitigation, with an emphasis on significant business risks of the Company, including financial, privacy, operational, compliance, physical security, legal and other key business risks, except as to those risks for which oversight has been assigned to other committees of the Board or retained by the Board.

7. Discuss with the independent auditor the Company's risk assessment and risk management guidelines, policies and processes.

8. Review and discuss with management, on a periodic basis, the adequacy and effectiveness of the Company's cyber security and information security policies and practices, including the internal controls regarding cyber and information security.

9. Review with management and members of internal audit the Company's business continuity and disaster preparedness planning.

10. Review with management and members of the internal auditor, if any, any regulatory developments that could impact the Company's risk identification, assessment, monitoring and risk management and mitigation.

Financial Reporting and Internal Controls

11. Review with management any significant changes to accounting principles generally accepted in the United States ("GAAP"), SEC and other accounting policies or standards that will impact or could impact the financial reports under review.

12. Review significant changes to the Company's accounting principles and practices proposed by the independent auditor, the internal auditor, if any, or management.

13. Oversee the integrity of the Company's financial statements and monitor the Company's accounting practices and reporting.

14. Instruct the independent auditor and the internal auditor, if any, to advise the Committee if there are any subjects that require special attention.

15. Instruct the independent auditor to report to the Committee on all critical accounting policies of the Company, all alternative treatments of financial information within GAAP that have been discussed with management, ramifications of the use of such alternative disclosures and treatments and the treatment preferred by the independent auditor, and other material written communication between the independent auditor and management, and discuss these matters with the independent auditor and management.

16. Meet with management and the independent auditor to discuss the annual financial statements, including Management's Discussion and Analysis of Financial Condition and Results

of Operations contained therein, and the report of the independent auditor with respect to such annual financial statements and to discuss significant issues encountered in the course of the audit work, including: restrictions on the scope of activities; access to required information; the adequacy of internal controls, including any special steps adopted in light of any significant deficiencies or material weaknesses in the design or operation of internal control over financial reporting identified during the course of the annual audit, and the adequacy of disclosures about changes in internal control over financial reporting; the adequacy of the disclosure of off-balance sheet transactions, arrangements, obligations and relationships in reports filed with the SEC; and the appropriateness of the presentation of any non-GAAP financial measures (as defined in the Regulations) included in any report filed with the SEC or in any public disclosure or release.

17. Review and discuss with management and the independent auditor, if any, management's report on internal control over financial reporting, and any independent auditor's audit of the effectiveness of the Company's internal control over financial reporting and its attestation report, prior to the filing of the Company's annual report on Form 10-K (the "Form 10-K") with the SEC.

18. Following such review and discussions, if so determined by the Committee, recommend to the Board that the annual financial statements be included in the Company's annual report on Form 10-K.

19. Generally review and discuss the Company's earnings press releases, as well as any financial information and earnings guidance provided to analysts and rating agencies.

20. Discuss with management and the independent auditor the quarterly financial statements prior to the filing of each of the Company's quarterly reports on Form 10-Q, including Management's Discussion and Analysis of Financial Condition and Results of Operations contained therein.

21. Periodically conduct separate executive sessions with management, the internal auditor, if any, and the independent auditor to discuss matters that any of them or the Committee believes could significantly affect the financial statements and should be discussed privately; and review with the independent auditor any audit problems or difficulties and management's response.

22. Have such direct and independent interaction with members of management, including the Company's Chief Financial Officer and Chief Accounting Officer, as the Committee believes appropriate.

23. Review the scope and results of internal audits, if any.

24. Evaluate the performance of the internal auditor, if any, and, if so determined by the Committee, recommend replacement of the internal auditor.

25. Conduct or authorize such inquiries into matters within the Committee's scope of responsibility as the Committee deems appropriate.

26. Establish a procedure for receipt, retention and treatment of any complaints received by the Company about its accounting, internal accounting controls or auditing matters and for the confidential and anonymous submission by employees of concerns regarding questionable accounting or auditing matters.

27. The Committee shall review and oversee procedures designed to identify "related party" transactions that are material to the Company's consolidated financial statements or otherwise require disclosure under applicable laws and rules adopted by the SEC. The Committee shall have the authority to approve any such "related party" transactions.

28. Engage and terminate independent counsel and other advisers as the Committee determines necessary to carry out its responsibilities.

29. Cause the officers of the Company to provide such funding as the Committee shall determine to be appropriate for payment of compensation to the Company's independent auditor and any legal counsel or other advisers engaged by the Committee, and payment of ordinary administrative expenses of the Committee that are necessary or appropriate in carrying out its duties.

30. Perform such other activities and functions as are required by law, applicable stock exchange rules or provisions in the Company's charter documents, or as are otherwise necessary and advisable, in its or the Board's discretion, to the efficient discharge of its duties hereunder.

The Board has simultaneously reserved to itself all authority delegated under this Charter to the Committee. This reservation of authority does not in any way limit the Committee's authority to act definitively on matters delegated to it under this Charter.

Meetings

The Committee shall meet as often as it determines necessary, but it is anticipated that the Committee shall meet no less than four (4) times each year. The Committee Chair may call Committee meetings and, in consultation with other Committee members, shall determine the frequency and length of Committee meetings and shall set agendas for such meetings consistent with this Charter. In the absence of a Committee Chair, a majority of the members of the Committee may call a meeting of the Committee.

The Committee will regularly meet privately with senior management, the independent auditor, and the senior internal audit executive, if any, and will meet in executive sessions as necessary or appropriate.

Minutes & Reports

The Committee shall make regular reports to the Board with respect to significant actions and determinations made by the Committee. The Committee shall maintain written minutes of its meetings and shall, to the extent deemed appropriate, record its summaries of recommendations to the Board in written form. The minutes and the recommendations, as applicable, shall be incorporated as part of the minutes of the Board. To the extent required by applicable law, the

Committee will also prepare and sign a Report of the Committee for inclusion in the Company's proxy statement for its Annual Meeting of Stockholders.

Periodic Review

The Committee will periodically review its own performance and report on its conclusions in this regard to the Board. In addition, the Committee will annually review this Charter and make recommendations to the Board with regard to appropriate changes to the Charter.