

**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

Form 8-K

CURRENT REPORT
Pursuant to Section 13 or 15(d)
of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): December 6, 2023

WAVE LIFE SCIENCES LTD.

(Exact name of registrant as specified in its charter)

Singapore
(State or other jurisdiction
of incorporation)

001-37627
(Commission
File Number)

98-1356880
(IRS Employer
Identification No.)

7 Straits View #12-00, Marina One
East Tower
Singapore
(Address of principal executive offices)

018936
(Zip Code)

Registrant's telephone number, including area code: +65 6236 3388

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading symbol	Name of each exchange on which registered
\$0 Par Value Ordinary Shares	WVE	The Nasdaq Global Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.

Item 1.01 Entry into a Material Definitive Agreement.

On December 6, 2023, Wave Life Sciences Ltd. (the “Company”, “we” or “us”) entered into an underwriting agreement (the “Underwriting Agreement”) with J.P. Morgan Securities LLC and Leerink Partners LLC, as representatives of the several underwriters named therein (the “Underwriters”), relating to the issuance and sale in an underwritten offering (the “Offering”) by the Company of an aggregate of 20,000,000 of the Company’s ordinary shares, no par value (the “Firm Shares”), at a public offering price of \$5.00 per Share. The gross proceeds to the Company from the Offering are expected to be approximately \$100 million before deducting underwriting discounts and commissions and other offering expenses. Under the terms of the Underwriting Agreement, the Underwriters have an option, exercisable for 30 days, to purchase up to an additional 3,000,000 of the Company’s ordinary shares (the “Optional Shares” and, together with the Firm Shares, the “Shares”) at the public offering price less underwriting discounts and commissions. All of the Shares in the Offering are being sold by the Company. The Offering is expected to close on or about December 11, 2023, subject to customary closing conditions.

The Shares in the Offering will be issued pursuant to the Company’s shelf registration statement on Form S-3 (File No. 333-263251), which was initially filed with the Securities and Exchange Commission (the “Commission”) on March 3, 2022 and was declared effective on May 4, 2022. A prospectus and final prospectus supplement relating to the Offering (the “Final Prospectus Supplement”) will be filed with the Commission on December 8, 2023 pursuant to Rule 424(b) under the Securities Act of 1933, as amended (the “Securities Act”).

The Underwriting Agreement contains customary representations, warranties and agreements by the Company, customary conditions to closing, indemnification obligations of the Company and the Underwriters, including for liabilities arising under the Securities Act, other obligations of the parties and termination provisions. The representations, warranties and covenants contained in the Underwriting Agreement were made only for the purposes of such agreement and as of specific dates, were solely for the benefit of the parties to such agreement, and may be subject to limitations agreed upon by the contracting parties.

The foregoing description of the terms of the Underwriting Agreement is qualified in its entirety by reference to the Underwriting Agreement, which is attached as Exhibit 1.1 hereto and incorporated by reference herein.

A copy of the legal opinion of WongPartnership LLP relating to the validity of the issuance and sale of the Shares offered in the Offering is attached as Exhibit 5.1 hereto.

Item 7.01 Regulation FD Disclosure.

Including the anticipated net proceeds from the Offering and the \$20 million milestone payment earned under its collaboration with GSK in December 2023, the Company expects that its cash and cash equivalents will be sufficient to fund operations into the fourth quarter of 2025. Potential future milestones and opt-in payments under the Company’s GSK and Takeda collaborations are not included in its cash runway.

The information in this Item 7.01 is being furnished and shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), or otherwise subject to the liabilities of that Section, nor shall it be deemed incorporated by reference into any registration statement or other filing under the Securities Act or the Exchange Act, except as shall be expressly set forth by specific reference in such filing.

Item 8.01 Other Events.

The Final Prospectus Supplement will contain an update on the Company's business under the caption "Recent Developments," which is reproduced below.

"Recent Developments***WVE-006 Dosing***

In December 2023, we announced the initiation of dosing in healthy volunteers in the RestorAATion clinical trial program, which is investigating WVE-006 as a potential treatment for alpha-1 antitrypsin deficiency (AATD). WVE-006 is a first-in-class, GalNAc-conjugated RNA editing oligonucleotide (AIMer). It is designed to restore circulation of healthy, wild-type alpha-1 antitrypsin (M-AAT) protein and reduce dysfunctional Z-AAT protein, thereby potentially addressing AATD-related lung disease, liver disease, or both. The RestorAATion clinical program includes healthy volunteers (RestorAATion-1) as well as individuals with AATD who have the homozygous PiZZ mutation (RestorAATion-2) and is designed to provide an efficient path to proof-of-mechanism as measured by restoration of M-AAT protein in serum. We expect to deliver proof-of-mechanism data in individuals with AATD in 2024.

GSK Milestone Payment related to WVE-006

With initiation of dosing in RestorAATion in December 2023, we earned and became entitled to receive a \$20.0 million milestone payment under our collaboration with GSK. For WVE-006, we are eligible to receive up to \$505 million in additional development, launch and sales-related milestone payments, as well as tiered royalties on net sales, from GSK. Development and commercialization responsibilities will transfer to GSK after we complete the RestorAATion-2 clinical trial.

INHBE for Metabolic disorders, including obesity

As previously announced in connection with our R&D Day in September 2023, we expect to select an INHBE clinical candidate for metabolic disorders, including obesity, in the fourth quarter of 2024 and to submit a clinical trial application (CTA) in 2025."

On December 7, 2023, the Company issued a press release announcing the pricing of the Offering, a copy of which is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01 Financial Statements and Exhibits.**(d) Exhibits**

Exhibit No.	Description
1.1	Underwriting Agreement, dated December 6, 2023, by and between the Company and J.P. Morgan Securities LLC and Leerink Partners LLC.
5.1	Opinion of WongPartnership LLP.
99.1	Press Release of Wave Life Sciences Ltd., dated December 7, 2023, announcing the pricing of the underwritten offering.
104	Cover Page Interactive Data File (embedded within the Inline XBRL document).

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

WAVE LIFE SCIENCES LTD.

By: /s/ Paul B. Bolno, M.D.

Paul B. Bolno, M.D.

President and Chief Executive Officer

Date: December 7, 2023

20,000,000 Ordinary Shares

Wave Life Sciences Ltd.

UNDERWRITING AGREEMENT

December 6, 2023

J.P. MORGAN SECURITIES LLC
LEERINK PARTNERS LLC
As Representatives of the several Underwriters

c/o J.P. MORGAN SECURITIES LLC
383 Madison Avenue
New York, New York 10179

c/o LEERINK PARTNERS LLC
53 State Street, 40th Floor
Boston, Massachusetts 02109

Ladies and Gentlemen:

Introductory. Wave Life Sciences Ltd. (Company Registration Number: 201218209G), a company incorporated under the laws of the Republic of Singapore (the “**Company**”), proposes to issue and sell to the several underwriters named in Schedule A hereto (the “**Underwriters**”) an aggregate of 20,000,000 of its ordinary shares, no par value (the “**Shares**”). The 20,000,000 Shares to be sold by the Company are called the “**Firm Shares**.” In addition, the Company has granted to the Underwriters an option to purchase up to an additional 3,000,000 Shares as provided in Section 2. The additional 3,000,000 Shares to be sold by the Company pursuant to such option are collectively called the “**Optional Shares**.” The Firm Shares and, if and to the extent such option is exercised, the Optional Shares are collectively called the “**Offered Shares**.” J.P. Morgan Securities LLC and Leerink Partners LLC have agreed to act as representatives of the several Underwriters (in such capacity, the “**Representatives**”) in connection with the offering and sale of the Offered Shares.

The Company has prepared and filed with the Securities and Exchange Commission (the “**Commission**”) a shelf registration statement on Form S-3, File No. 333-263251, including a base prospectus (the “**Base Prospectus**”) to be used in connection with the public offering and sale of the Offered Shares. Such registration statement, as amended, including the financial statements, exhibits and schedules thereto, in the form in which it became effective under the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder (collectively, the “**Securities Act**”), including all documents incorporated or deemed to be incorporated by reference therein and any information deemed to be a part thereof at the time of effectiveness pursuant to Rule 430A or 430B under the Securities Act, is called the “**Registration Statement**.” Any registration statement filed by the Company pursuant to Rule 462(b) under the Securities Act in connection with the offer and sale of the Offered Shares is called the “**Rule 462(b) Registration Statement**,” and from and after the date and time of filing of any such Rule 462(b) Registration Statement the term “Registration Statement” shall include the Rule 462(b) Registration Statement. For the avoidance of doubt, the term “Registration Statement” shall also include any post-effective amendment thereto. Any prospectus supplement to the Base Prospectus in preliminary form that describes the Offered Shares and the offering thereof and is used prior to the filing of the Prospectus (as defined below), together with the Base Prospectus, is called a “**preliminary prospectus**.” As used herein, the term “**Prospectus**” shall mean the final prospectus supplement to the Base Prospectus that describes the Offered Shares and the offering thereof, together with the Base Prospectus (the “**Final Prospectus**”).

Supplement”), in the form first used by the Underwriters to confirm sales of the Offered Shares or in the form first made available to the Underwriters by the Company to meet requests of purchasers pursuant to Rule 173 under the Securities Act. References herein to any preliminary prospectus and the Prospectus shall refer to both the prospectus supplement and the Base Prospectus components of such prospectus. As used herein, “**Applicable Time**” is 7:45 p.m. (New York City time) on December 6, 2023. As used herein, “**free writing prospectus**” has the meaning set forth in Rule 405 under the Securities Act, and “**Time of Sale Prospectus**” means the preliminary prospectus, if any, and the Base Prospectus, each as amended and supplemented immediately prior to the Applicable Time, including any document incorporated by reference therein and any prospectus supplement deemed to be a part thereof, together with the free writing prospectuses, if any, identified in Schedule B hereto and the pricing information set forth on Schedule C hereto. As used herein, “**Road Show**” means a “road show” (as defined in Rule 433 under the Securities Act) relating to the offering of the Offered Shares contemplated hereby that is a “written communication” (as defined in Rule 405 under the Securities Act).

All references in this Agreement to the Registration Statement, any preliminary prospectus, the Base Prospectus and the Prospectus shall include the documents incorporated or deemed to be incorporated by reference therein. All references in this Agreement to financial statements and schedules and other information which are “contained,” “included” or “stated” in, or “part of” the Registration Statement, the Rule 462(b) Registration Statement, any preliminary prospectus, the Base Prospectus, the Time of Sale Prospectus or the Prospectus, and all other references of like import, shall be deemed to mean and include all such financial statements and schedules and other information which is or is deemed to be incorporated by reference in the Registration Statement, the Rule 462(b) Registration Statement, any preliminary prospectus, the Base Prospectus, the Time of Sale Prospectus or the Prospectus, as the case may be. All references in this Agreement to amendments or supplements to the Registration Statement, any preliminary prospectus, the Base Prospectus, the Time of Sale Prospectus or the Prospectus shall be deemed to mean and include the filing of any document under the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder (collectively, the “**Exchange Act**”) that is or is deemed to be incorporated by reference in the Registration Statement, any preliminary prospectus, the Base Prospectus or the Prospectus, as the case may be. All references in this Agreement to (i) the Registration Statement, any preliminary prospectus, the Base Prospectus or the Prospectus, any amendments or supplements to any of the foregoing, or any free writing prospectus, shall include any copy thereof filed with the Commission pursuant to its Electronic Data Gathering, Analysis and Retrieval System (“**EDGAR**”) and (ii) the Prospectus shall be deemed to include any “electronic Prospectus” provided for use in connection with the offering of the Offered Shares as contemplated by Section 3(o) of this Agreement.

The Company hereby confirms its agreements with the Underwriters as follows:

Section 1. Representations and Warranties of the Company. The Company hereby represents, warrants and covenants to each Underwriter, as of the date of this Agreement and as of the First Closing Date (as hereinafter defined) and as of each Option Closing Date (as hereinafter defined), if any, as follows:

(a) **Compliance with Registration Requirements.** The Registration Statement was declared effective by the Commission. The Company has complied, to the Commission’s satisfaction with all requests of the Commission for additional or supplemental information, if any. No stop order suspending the effectiveness of the Registration Statement is in effect and no proceedings for such purpose or pursuant to Section 8A of the Securities Act have been instituted or are pending or, to the best knowledge of the Company, are contemplated or threatened by the Commission. At the time the Company’s Annual Report on Form 10-K for the year ended December 31, 2022 (the “**Annual Report**”) was filed with the Commission, or, if later, at the time the Registration Statement was originally filed with the Commission, the Company met the then-applicable requirements for use of Form S-3 under the Securities Act, including, but not limited to, General Instruction I.B.1. The Company meets the requirements for use of Form S-3

under the Securities Act specified in FINRA Conduct Rule 5110(h)(1)(C). The documents incorporated or deemed to be incorporated by reference in the Registration Statement, the Time of Sale Prospectus and the Prospectus, at the time they were or hereafter are filed with the Commission, or became effective under the Exchange Act, as the case may be, complied and will comply in all material respects with the requirements of the Exchange Act.

(b) **Disclosure.** Each preliminary prospectus and the Prospectus when filed complied in all material respects with the Securities Act and, if filed by electronic transmission pursuant to EDGAR, was identical (except as may be permitted by Regulation S-T under the Securities Act) to the copy thereof delivered to the Underwriters for use in connection with the offer and sale of the Offered Shares. Each of the Registration Statement and any post-effective amendment thereto, at the time it became or becomes effective, complied and will comply in all material respects with the Securities Act and did not and will not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein not misleading. As of the Applicable Time, the Time of Sale Prospectus (including any preliminary prospectus wrapper) did not, and at the First Closing Date (as defined in Section 2) and at each applicable Option Closing Date (as defined in Section 2), will not, contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading. The Prospectus (including any Prospectus wrapper), as of its date, did not, and at the First Closing Date and at each applicable Option Closing Date, will not, contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. None of the documents incorporated or deemed to be incorporated by reference in the Registration Statement, the Time of Sale Prospectus and the Prospectus, when they were filed with the Commission contained any untrue statement of a material fact or omitted to state a material fact necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading; and any further documents so filed and incorporated by reference in the Registration Statement, the Time of Sale Prospectus and the Prospectus, when such documents are filed with the Commission, will not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading. The representations and warranties set forth in the first three sentences of this Section 1(b) do not apply to statements in or omissions from the Registration Statement or any post-effective amendment thereto, or the Prospectus or the Time of Sale Prospectus, or any amendments or supplements thereto, made in reliance upon and in conformity with written information relating to any Underwriter furnished to the Company in writing by the Representatives expressly for use therein, it being understood and agreed that the only such information consists of the information described in Section 9(b) below. There are no contracts or other documents required to be described in the Time of Sale Prospectus or the Prospectus or to be filed as an exhibit to the Registration Statement which have not been described or filed as required.

(c) **Free Writing Prospectuses; Road Show.** As of the determination date referenced in Rule 164(h) under the Securities Act, the Company was not, is not or will not be (as applicable) an “ineligible issuer” in connection with the offering of the Offered Shares pursuant to Rules 164, 405 and 433 under the Securities Act. Each free writing prospectus that the Company is required to file pursuant to Rule 433(d) under the Securities Act has been, or will be, filed with the Commission in accordance with the requirements of the Securities Act. Each free writing prospectus that the Company has filed, or is required to file, pursuant to Rule 433(d) under the Securities Act or that was prepared by or on behalf of or used or referred to by the Company complies or will comply in all material respects with the requirements of Rule 433 under the Securities Act, including timely filing with the Commission or retention where required and legending, and each such free writing prospectus, as of its issue date and at all subsequent times through the completion of the public offer and sale of the Offered Shares did not, does not and will not include any information that conflicted, conflicts or will conflict with the information contained in the Registration Statement, the Prospectus or any preliminary prospectus and not superseded or modified.

Except for the free writing prospectuses, if any, identified in Schedule B, and electronic road shows, if any, furnished to the Representatives before first use, the Company has not prepared, used or referred to, and will not, without the prior written consent of the Representatives, prepare, use or refer to, any free writing prospectus. Each Road Show, when considered together with the Time of Sale Prospectus, did not, as of the Applicable Time, contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements therein, in the light of the circumstances under which they were made, not misleading.

(d) ***Distribution of Offering Material By the Company.*** Prior to the completion of the Underwriters' distribution of the Offered Shares, the Company has not distributed and will not distribute any offering material in connection with the offering and sale of the Offered Shares other than the Registration Statement, the Time of Sale Prospectus, the Prospectus or any free writing prospectus reviewed and consented to by the Representatives, or the free writing prospectuses, if any, identified on Schedule B hereto.

(e) ***The Underwriting Agreement.*** This Agreement has been duly authorized, executed and delivered by the Company. This Agreement conforms in all material respects to the description thereof contained in the Registration Statement, the Time of Sale Prospectus and the Prospectus.

(f) ***Authorization of the Offered Shares.*** The Offered Shares have been duly authorized for issuance and sale pursuant to this Agreement and, when issued and delivered by the Company against payment therefor pursuant to this Agreement, will be validly issued, fully paid and nonassessable, and the issuance and sale of the Offered Shares is not subject to any preemptive rights, rights of first refusal or other similar rights to subscribe for or purchase the Offered Shares. As used in this Agreement, the term "nonassessable" in relation to the Shares means that holders of such Shares, having fully paid up all amounts due on such Shares, are under no further personal liability to make payments to the Company or its creditors or contribute to the assets or liabilities of the Company in their capacities purely as holders of such Shares.

(g) ***No Applicable Registration or Other Similar Rights.*** There are no persons with registration or other similar rights to have any equity or debt securities registered for sale under the Registration Statement or included in the offering contemplated by this Agreement, except for such rights as have been duly waived.

(h) ***No Material Adverse Change.*** Except as otherwise disclosed in the Registration Statement, the Time of Sale Prospectus and the Prospectus, subsequent to the respective dates as of which information is given in the Registration Statement, the Time of Sale Prospectus and the Prospectus: (i) there has been no material adverse change, or any development that could be expected to result in a material adverse change, in the condition, financial or otherwise, or in the earnings, business, properties, operations, assets, liabilities or prospects, whether or not arising from transactions in the ordinary course of business, of the Company and its subsidiaries, considered as one entity (any such change being referred to herein as a "**Material Adverse Change**"); (ii) the Company and its subsidiaries, considered as one entity, have not incurred any material liability or obligation, indirect, direct or contingent, including without limitation any losses or interference with its business from fire, explosion, flood, earthquakes, accident or other calamity, including a health epidemic or pandemic outbreak of infectious disease, whether or not covered by insurance, or from any strike, labor dispute or court or governmental action, order or decree, that are material, individually or in the aggregate, to the Company and its subsidiaries, considered as one entity, entered into any transactions not in the ordinary course of business, nor entered into any material agreement not in the ordinary course of business; and (iii) there has not been any material decrease in the share capital or capital stock or any material increase in any short-term or long-term indebtedness of the Company or its subsidiaries and there has been no dividend or distribution of any kind declared, paid or made by the Company or, except for dividends paid to the Company or other subsidiaries, by any of the Company's subsidiaries on any class of share capital or capital stock, or any repurchase or redemption by the Company or any of its subsidiaries of any class of share capital or capital stock.

(i) **Independent Accountants.** KPMG LLP, which has expressed its opinion with respect to the financial statements (which term as used in this Agreement includes the related notes thereto) filed with the Commission as a part of the Registration Statement, the Time of Sale Prospectus and the Prospectus, is (i) an independent registered public accounting firm as required by the Securities Act, the Exchange Act, and the rules of the Public Company Accounting Oversight Board (“PCAOB”), (ii) in compliance with the applicable requirements relating to the qualification of accountants under Rule 2-01 of Regulation S-X under the Securities Act and (iii) a registered public accounting firm as defined by the PCAOB whose registration has not been suspended or revoked and who has not requested such registration to be withdrawn.

(j) **Financial Statements.** The financial statements (including the related notes thereto) filed with the Commission as a part of the Registration Statement, the Time of Sale Prospectus and the Prospectus present fairly, in all material respects, the consolidated financial position of the Company and its subsidiaries as of the dates indicated and the results of their operations, changes in shareholders’ equity and cash flows for the periods specified. Such financial statements have been prepared in conformity with generally accepted accounting principles as applied in the United States (“GAAP”) applied on a consistent basis throughout the periods involved, except as may be expressly stated in the related notes thereto, and any supporting schedules included or incorporated by reference in the Registration Statement, the Time of Sale Prospectus and the Prospectus present fairly the information required to be stated therein; and the other financial information included or incorporated by reference in the Registration Statement, the Time of Sale Prospectus and the Prospectus has been derived from the accounting records of the Company and its subsidiaries and presents fairly the information shown thereby. The interactive data in eXtensible Business Reporting Language included or incorporated by reference in the Registration Statement fairly presents the information called for in all material respects and has been prepared in accordance with the Commission’s rules and guidelines applicable thereto. No other financial statements or supporting schedules are required to be included or incorporated by reference in the Registration Statement, the Time of Sale Prospectus or the Prospectus. The financial data set forth in each of the Registration Statement, the Time of Sale Prospectus and the Prospectus under the caption “Capitalization” fairly present the information set forth therein on a basis consistent with that of the unaudited financial statements as of and for the quarter ended September 30, 2023 contained in the Registration Statement, the Time of Sale Prospectus and the Prospectus. To the Company’s knowledge, no person who has been suspended or barred from being associated with a registered public accounting firm, or who has failed to comply with any sanction pursuant to Rule 5300 promulgated by the PCAOB, has participated in or otherwise aided the preparation of, or audited, the financial statements or other financial data filed with the Commission as a part of the Registration Statement, the Time of Sale Prospectus and the Prospectus.

(k) **Company’s Accounting System.** The Company and its subsidiaries maintain systems of “internal control over financial reporting” (as defined in Rule 13a-15(f) of the Exchange Act) that comply with the requirements of the Exchange Act and have been designed by, or under the supervision of, their respective principal executive and principal financial officers, or persons performing similar functions, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with GAAP. Except as otherwise disclosed in the Registration Statement, the Time of Sale Prospectus and the Prospectus, the Company and each of its subsidiaries make and keep accurate books and records and maintain a system of internal accounting controls sufficient to provide reasonable assurance that: (i) transactions are executed in accordance with management’s general or specific authorization; (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain accountability for assets; (iii) access to assets is permitted only in accordance with management’s general or specific authorization; (iv) the recorded accountability for assets is compared with existing assets at reasonable intervals and appropriate action is taken with respect to any differences; and (v) the interactive data in eXtensible Business Reporting Language included or incorporated by reference in the Registration Statement, the Time of Sale Prospectus and the Prospectus fairly presents the information called for in all material respects and is prepared in accordance with the Commission’s rules and guidelines applicable thereto.

(l) **Disclosure Controls and Procedures; Deficiencies in or Changes to Internal Control Over Financial Reporting.** Except as otherwise disclosed in the Registration Statement, the Time of Sale Prospectus and the Prospectus, the Company has established and maintains disclosure controls and procedures (as defined in Rules 13a-15 and 15d-15 under the Exchange Act), which (i) are designed to ensure that material information relating to the Company, including its consolidated subsidiaries, is made known to the Company's principal executive officer and its principal financial officer by others within those entities; (ii) have been evaluated by management of the Company for effectiveness as of the end of the Company's most recent fiscal year; and (iii) are effective in all material respects to perform the functions for which they were established. Except as otherwise disclosed in the Registration Statement, the Time of Sale Prospectus and the Prospectus, since the end of the Company's most recent audited fiscal year, there have been no significant deficiencies or material weakness in the Company's internal control over financial reporting (whether or not remediated) and no change in the Company's internal control over financial reporting that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting. The Company's auditors and the Audit Committee of the Board of Directors of the Company have been advised of: (i) all significant deficiencies and material weaknesses in the design or operation of internal controls over financial reporting which have adversely affected or are reasonably likely to adversely affect the Company's ability to record, process, summarize and report financial information; and (ii) any fraud, whether or not material, that involves management or other employees who have a significant role in the Company's internal controls over financial reporting. The Company is not aware of any change in its internal control over financial reporting that has occurred during its most recent fiscal quarter that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

(m) **Incorporation and Good Standing of the Company.** The Company has been duly incorporated and is validly existing as a corporation in good standing under the laws of the Republic of Singapore and has the corporate power and authority to own, lease and operate its properties and to conduct its business as described in the Registration Statement, the Time of Sale Prospectus and the Prospectus and to enter into and perform its obligations under this Agreement. The Company is duly qualified as a foreign corporation to transact business and is in good standing in the Commonwealth of Massachusetts and each other jurisdiction in which such qualification is required, whether by reason of the ownership or leasing of property or the conduct of business, except where the failure to so qualify or to be in good standing would not reasonably be expected, individually or in the aggregate, to have a material adverse effect on the condition (financial or otherwise), earnings, business, properties, operations, assets, liabilities or prospects of the Company and its subsidiaries, considered as one entity (a "**Material Adverse Effect**").

(n) **Subsidiaries.** Each of the Company's "subsidiaries" (for purposes of this Agreement, as defined in Rule 405 under the Securities Act) has been duly incorporated or organized, as the case may be, and is validly existing as a corporation or company in good standing under the laws of the jurisdiction of its incorporation or organization and has the power and authority (corporate or other) to own, lease and operate its properties and to conduct its businesses as described in the Registration Statement, the Time of Sale Prospectus and the Prospectus. Each of the Company's subsidiaries is duly qualified as a foreign corporation to transact business and is in good standing in each jurisdiction in which such qualification is required, whether by reason of the ownership or leasing of property or the conduct of business, except where the failure to so qualify or to be in good standing would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect. All of the issued and outstanding share capital or capital stock or other equity or ownership interests of each of the Company's subsidiaries have been duly authorized and validly issued, are fully paid and nonassessable and are owned by the Company, directly or through subsidiaries, free and clear of any security interest, mortgage, pledge, lien, encumbrance or adverse claim. The Company does not own or control, directly or indirectly, any corporation, association or other entity other than the subsidiaries listed in Exhibit 21.1 to the Annual Report.

(o) **Capitalization and Other Capital Stock Matters.** The issued and outstanding capital stock of the Company is as set forth in the Registration Statement, the Time of Sale Prospectus and the Prospectus (other than for subsequent issuances, if any, pursuant to the Open Market Sale Agreement, dated as of May 10, 2019, as amended by that certain Amendment No. 1 to Open Market Sale Agreement, dated as of March 2, 2020, and that certain Amendment No. 2 to Open Market Sale Agreement, dated as of March 3, 2022, by and between the Company and Jefferies LLC, or pursuant to employee benefit plans, or upon the exercise of outstanding options or warrants or the vesting of restricted share units or performance share units or pursuant to the 2019 employee share purchase plan, in each case described in the Registration Statement, the Time of Sale Prospectus and the Prospectus). The Shares (including the Offered Shares) conform in all material respects to the description thereof contained in the Registration Statement, the Time of Sale Prospectus and the Prospectus. All of the issued and outstanding Shares have been duly authorized and validly issued, are fully paid and nonassessable, at the respective time of their issuance were free and clear of any security interest, mortgage, pledge, lien, encumbrance or adverse claim, have been issued in compliance with all applicable laws and the constitution of the Company, and are not subject to any restrictions on voting, pre-emptive or similar rights or transfer restrictions or liens thereunder, except as set forth in the Registration Statement, the Time of Sale Prospectus and the Prospectus. None of the outstanding Shares were issued in violation of any preemptive rights, rights of first refusal or other similar rights to subscribe for or purchase securities of the Company. There are no authorized or outstanding options, warrants, preemptive rights, rights of first refusal or other rights to purchase, or equity or debt securities convertible into or exchangeable or exercisable for, any shares, capital stock or ownership interests, of the Company or any of its subsidiaries other than those described in the Registration Statement, the Time of Sale Prospectus and the Prospectus. The descriptions of the Company's share or stock option, share or stock bonus and other share or stock plans or arrangements, and the options or other rights granted thereunder, set forth in the Registration Statement, the Time of Sale Prospectus and the Prospectus accurately and fairly presents the information required to be shown with respect to such plans, arrangements, options and rights. Except as disclosed in the Time of Sale Prospectus, the Company has not sold, issued or distributed any Shares during the six-month period preceding the date hereof, including any sales pursuant to Rule 144A under, or Regulation D or S of, the Securities Act, other than shares issued pursuant to employee benefit plans, stock option plans or other employee compensation plans or pursuant to outstanding options, restricted share units, performance share units, rights or warrants or employee share purchase plans.

(p) **Stock Exchange Listing.** The Shares are registered pursuant to Section 12(b) of the Exchange Act and are listed on The Nasdaq Global Market (the "**Nasdaq**"), and the Company has taken no action designed to, or likely to have the effect of, terminating the registration of the Shares under the Exchange Act or delisting the Shares from the Nasdaq, nor has the Company received any notification that the Commission or the Nasdaq is contemplating terminating such registration or listing. To the Company's knowledge, it is in compliance with all applicable listing requirements of Nasdaq.

(q) **Non-Contravention of Existing Instruments; No Further Authorizations or Approvals Required.** Neither the Company nor any of its subsidiaries is (i) in violation of its constitution, memorandum and articles of association, charter, by-laws, or similar organizational documents, as applicable, (ii) in default (or, with the giving of notice or lapse of time, would be in default) ("**Default**") under any indenture, loan, credit agreement, note, lease, license agreement, contract, franchise or other instrument (including, without limitation, any pledge agreement, security agreement, mortgage or other instrument or agreement evidencing, guaranteeing, securing or relating to indebtedness) to which the Company or any of its subsidiaries is a party or by which it or any of them may be bound, or to which any of their respective properties or assets are subject (each, an "**Existing Instrument**"), or (iii) in violation of

any law, administrative regulation or administrative or court decree applicable to the Company or any of its subsidiaries, except, in the case of clauses (ii) and (iii) above, for such Defaults or violations as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect. The Company's execution, delivery and performance of this Agreement, consummation of the transactions contemplated hereby and thereby and by the Registration Statement, the Time of Sale Prospectus and the Prospectus and the issuance and sale of the Offered Shares (including the use of proceeds from the sale of the Offered Shares as described in the Registration Statement, the Time of Sale Prospectus and the Prospectus under the caption "Use of Proceeds") (i) have been duly authorized by all necessary corporate action and will not result in any violation of the provisions of the constitution, memorandum and articles of association, charter, by-laws, or similar organizational documents, as applicable, of the Company or any subsidiary, (ii) will not conflict with or constitute a breach of, or Default or a Debt Repayment Triggering Event (as defined below) under, or result in the creation or imposition of any lien, charge or encumbrance upon any property or assets of the Company or any of its subsidiaries pursuant to, or require the consent of any other party to, any Existing Instrument and (iii) will not result in any violation of any law, administrative regulation or administrative or court decree applicable to the Company or any of its subsidiaries, except in the case of clauses (ii) and (iii) as would not reasonably be expected, individually or in the aggregate, to result in a Material Adverse Effect. No consent, approval, authorization or other order of, or registration or filing with, any court or other governmental or regulatory authority or agency, is required for the Company's execution, delivery and performance of this Agreement and consummation of the transactions contemplated hereby and by the Registration Statement, the Time of Sale Prospectus and the Prospectus, except such as have been obtained or made by the Company and are in full force and effect under the Securities Act and such as may be required under applicable state securities or blue sky laws or the Financial Industry Regulatory Authority, Inc. ("**FINRA**"). As used herein, a "**Debt Repayment Triggering Event**" means any event or condition which gives, or with the giving of notice or lapse of time would give, the holder of any note, debenture or other evidence of indebtedness (or any person acting on such holder's behalf) the right to require the repurchase, redemption or repayment of all or a portion of such indebtedness by the Company or any of its subsidiaries.

(r) **Compliance with Laws.** The Company and its subsidiaries have been and are in compliance with all applicable laws, rules and regulations, except where failure to be so in compliance could not be expected, individually or in the aggregate, to have a Material Adverse Effect.

(s) **No Material Actions or Proceedings.** There is no action, suit, proceeding, demand, claim, arbitration, inquiry or governmental or regulatory investigation brought by or before any governmental entity ("**Action**") now pending or, to the knowledge of the Company, threatened, against or affecting the Company or any such subsidiary, which would reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect or materially and adversely affect the consummation of the transactions contemplated by this Agreement or the performance by the Company of its obligations hereunder; and the aggregate of all pending legal or governmental proceedings to which the Company or any of its subsidiaries is a party or of which any of their respective properties or assets is the subject, including ordinary routine litigation incidental to the business, if determined adversely to the Company, would not reasonably be expected to have a Material Adverse Effect. There are no current or pending Actions that are required under the Securities Act to be described in the Registration Statement, the Time of Sale Prospectus and the Prospectus that are not so described in the Registration Statement, the Time of Sale Prospectus and the Prospectus, and there are no statutes or regulations that are required under the Securities Act to be described in the Registration Statement, the Time of Sale Prospectus and the Prospectus that are not so described in the Registration Statement, the Time of Sale Prospectus and the Prospectus. No labor dispute with the employees of the Company or any of its subsidiaries, or with the employees of any principal supplier, manufacturer, customer or contractor of the Company, exists or, to the knowledge of the Company, is threatened or imminent, which would reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect.

(t) **Intellectual Property Rights.** The Company and its subsidiaries own, or have obtained valid and enforceable licenses for, the inventions, patent applications, patents, trademarks, trade names, service names, copyrights, trade secrets and other intellectual property described in the Registration Statement, the Time of Sale Prospectus and the Prospectus as being owned or licensed by them or which are necessary for the conduct of their respective businesses as currently conducted or as currently proposed to be conducted (collectively, “**Intellectual Property**”). To the Company’s knowledge: (i) the Registration Statement, the Time of Sale Prospectus, and the Prospectus accurately sets forth third party ownership and other interests (including, e.g., co-exclusive license rights) in the Intellectual Property; there are no third party rights in any Intellectual Property that are not identified in the Registration Statement, the Time of Sale Prospectus, and the Prospectus; and (ii) there is no infringement by third parties of any Intellectual Property. There is no pending or, to the Company’s knowledge, threatened action, suit, proceeding or claim by others: (A) challenging the Company’s ownership of, or rights in or to, any Intellectual Property, and the Company is unaware of any facts which would form a reasonable basis for any such action, suit, proceeding or claim that, if asserted on the date hereof, would reasonably be expected to succeed; (B) challenging the validity, enforceability or scope of any Intellectual Property (other than the ordinary rejections and assertions typically levied during patent examination within patent offices), and the Company is unaware of any facts which would form a reasonable basis for any such action, suit, proceeding or claim that, if asserted on the date hereof, would reasonably be expected to succeed; or (C) asserting that the Company or any of its subsidiaries infringes or otherwise violates, or would, through pursuing the discovery and development programs described in the Registration Statement, the Time of Sale Prospectus or the Prospectus infringe or violate, any valid patent, trademark, trade name, service name, copyright, trade secret or other proprietary rights of others, and the Company is unaware of any facts which would form a reasonable basis for any such action, suit, proceeding or claim that, if asserted on the date hereof, would reasonably be expected to succeed. The Company and its subsidiaries have complied with the terms of each agreement pursuant to which Intellectual Property has been licensed to the Company or any subsidiary, and all such agreements are in full force and effect, except as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect. The Intellectual Property includes claims that cover various valuable aspects and features of the discovery and development programs described in the Registration Statement, the Time of Sale Prospectus and the Prospectus as being pursued by the Company and/or its subsidiaries. All patents and patent applications owned by, or exclusively licensed to, the Company have been duly and properly filed and maintained, except as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect. To the knowledge of the Company, the parties prosecuting such patents and patent applications have complied with their duty of candor and disclosure to the U.S. Patent and Trademark Office, and the Company is not aware of any violation of such duty which would preclude the grant of a patent in connection with any such application or would reasonably be expected to form the basis of a finding of invalidity with respect to any patents that have issued from such applications. The Company has complied with applicable laws relating to privacy, data protection, and the collection and use of personal information collected, used, or held for use by it in the conduct of its business, except where the failure to do so, individually or in the aggregate, would not reasonably be expected to have a Material Adverse Effect. Since November 1, 2015, no claims have been asserted or, to the knowledge of the Company, threatened against the Company alleging a violation of any person’s privacy or personal information or data rights and, to the knowledge of the Company, the consummation of the transactions contemplated hereby will not breach or otherwise cause any violation of any law related to privacy, data protection, or the collection and use of personal information collected, used, or held for use by the Company in the conduct of the Company’s business. The Company takes reasonable measures, consistent with industry standards, to ensure that such information is protected against unauthorized access, use, modification, or other misuse, except where the failure to do so, individually or in the aggregate, would not reasonably be expected to have a Material Adverse Effect.

(u) **IT Systems and Data.** The Company and its subsidiaries' information technology and computer systems, assets, networks, hardware, software, websites, data (including the data of their respective customers, employees, suppliers, vendors and any third party data maintained by or on behalf of them), equipment or technology ("**IT Systems**") are adequate for, and operate and perform in all material respects as required in connection with the operation of the business of the Company and its subsidiaries as currently conducted, free and clear of all material bugs, errors, defects, Trojan horses, time bombs, malware and other corruptants. The Company and its subsidiaries have implemented and maintained commercially reasonable controls, policies, procedures and safeguards to maintain and protect their material confidential information and the integrity, continuous operation, redundancy and security of all IT Systems and data (including all personal, personally identifiable, sensitive, confidential or regulated data ("**Personal Data**")) used in connection with their businesses. Except as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect, since November 1, 2015, to the Company's knowledge, there has been no security breach or attack or other compromise of or relating to any of the Company's and its subsidiaries' IT Systems. The Company and its subsidiaries are presently in material compliance with all applicable laws or statutes and all judgments, orders, rules and regulations of any court or arbitrator or governmental or regulatory authority, internal policies and contractual obligations relating to the privacy and security of IT Systems and Personal Data and to the protection of such IT Systems and Personal Data from unauthorized use, access, misappropriation or modification.

(v) **All Necessary Permits, etc.** The Company and its subsidiaries possess such valid and current certificates, authorizations or permits required by state, federal or foreign regulatory agencies or bodies to conduct their respective businesses as currently conducted and as described in the Registration Statement, the Time of Sale Prospectus or the Prospectus ("**Permits**"), except where failure to so possess would not reasonably be expected to, individually or in the aggregate, have a Material Adverse Effect. Neither the Company nor any of its subsidiaries is in violation of, or in default under, any of the Permits or has received any notice of proceedings relating to the revocation or modification of, or non-compliance with, any such certificate, authorization or permit, except as would not reasonably be expected to, individually or in the aggregate, have a Material Adverse Effect.

(w) **Title to Properties.** The Company and its subsidiaries have good and marketable title to all of the personal property and other assets reflected as owned in the financial statements referred to in Section 1(j) above (or elsewhere in the Registration Statement, the Time of Sale Prospectus or the Prospectus), in each case free and clear of any security interests, mortgages, liens, encumbrances, equities, adverse claims and other defects, except as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect. The equipment and personal property held under lease by the Company or any of its subsidiaries are held under valid and enforceable leases, with such exceptions as are not material and do not materially interfere with the use made or proposed to be made of such equipment or personal property by the Company or such subsidiary. The Company and its subsidiaries do not own any real property.

(x) **Tax Law Compliance.** The Company and its subsidiaries have filed all necessary federal, state, local and foreign income and franchise tax returns or have properly requested extensions thereof, except as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect, and have paid all taxes required to be paid by any of them and, if due and payable, any related or similar assessment, fine or penalty levied against any of them except for any such taxes being contested in good faith and by appropriate proceedings or where the failure to make such payment would not reasonably be expected to have a Material Adverse Effect. The Company has made adequate charges, accruals and reserves in the financial statements referred to in Section 1(j) above in respect of all federal, state, local and foreign income and franchise taxes for all periods as to which the tax liability of the Company or any of its subsidiaries has not been finally determined, except as would not reasonably be expected, individually or in the aggregate, to result in a Material Adverse Effect.

(y) **Insurance.** Each of the Company and its subsidiaries are insured by recognized, financially sound and reputable institutions with policies in such amounts and with such deductibles and covering such risks as are generally deemed adequate and customary for their businesses including, but not limited to, policies covering real and personal property owned or leased by the Company and its subsidiaries against theft, damage, destruction, acts of vandalism, hurricanes and earthquakes and policies covering the Company and its subsidiaries for product liability claims and clinical trial liability claims. The Company has no reason to believe that it or any of its subsidiaries will not be able (i) to renew its existing insurance coverage as and when such policies expire or (ii) to obtain comparable coverage from similar institutions as may be necessary or appropriate to conduct its business as now conducted and at a cost that would not reasonably be expected to have a Material Adverse Effect. Neither the Company nor any of its subsidiaries has been denied any insurance coverage which it has sought or for which it has applied.

(z) **Compliance with Environmental Laws.** Except as could not be expected, individually or in the aggregate, to have a Material Adverse Effect: (i) neither the Company nor any of its subsidiaries is in violation of any federal, state, local or foreign statute, law, rule, regulation, ordinance, code, policy or rule of common law or any judicial or administrative interpretation thereof, including any judicial or administrative order, consent, decree or judgment, relating to pollution or protection of human health, the environment (including, without limitation, ambient air, surface water, groundwater, land surface or subsurface strata) or wildlife, including, without limitation, laws and regulations relating to the release or threatened release of chemicals, pollutants, contaminants, wastes, toxic substances, hazardous substances, petroleum or petroleum products (collectively, “**Hazardous Materials**”) or to the manufacture, processing, distribution, use, treatment, storage, disposal, transport or handling of Hazardous Materials (collectively, “**Environmental Laws**”); (ii) the Company and its subsidiaries have all permits, authorizations and approvals required under any applicable Environmental Laws and are each in compliance with their requirements; (iii) there are no pending or, to the Company’s knowledge, threatened administrative, regulatory or judicial actions, suits, demands, demand letters, claims, liens, notices of noncompliance or violation, investigation or proceedings relating to any Environmental Law against the Company or any of its subsidiaries; and (iv) to the Company’s knowledge, there are no events or circumstances that might reasonably be expected to form the basis of an order for clean-up or remediation, or an action, suit or proceeding by any private party or governmental body or agency, against or affecting the Company or any of its subsidiaries relating to Hazardous Materials or any Environmental Laws.

(aa) **ERISA Compliance.** The Company and its subsidiaries and any “employee benefit plan” (as defined under the Employee Retirement Income Security Act of 1974, as amended, and the regulations and published interpretations thereunder (collectively, “**ERISA**”)) established or maintained by the Company, its subsidiaries or their “ERISA Affiliates” (as defined below) are in compliance in all material respects with ERISA. “**ERISA Affiliate**” means, with respect to the Company or any of its subsidiaries, any member of any group of organizations described in Sections 414(b), (c), (m) or (o) of the Internal Revenue Code of 1986, as amended, and the regulations and published interpretations thereunder (the “**Code**”) of which the Company or such subsidiary is a member. No “reportable event” (as defined under ERISA) has occurred or is reasonably expected to occur with respect to any “employee benefit plan” established or maintained by the Company, its subsidiaries or any of their ERISA Affiliates. No “employee benefit plan” established or maintained by the Company, its subsidiaries or any of their ERISA Affiliates, if such “employee benefit plan” were terminated, would have any “amount of unfunded benefit liabilities” (as defined under ERISA). Neither the Company, its subsidiaries nor any of their ERISA Affiliates has incurred or reasonably expects to incur any liability under (i) Title IV of ERISA with respect to termination of, or withdrawal from, any “employee benefit plan” or (ii) Sections 412, 4971, 4975 or 4980B of the Code. Each employee benefit plan established or maintained by the Company, its subsidiaries or any of their ERISA Affiliates that is intended to be qualified under Section 401(a) of the Code is so qualified and nothing has occurred, whether by action or failure to act, which would cause the loss of such qualification.

(bb) **Company Not an “Investment Company”**. The Company is not, and will not be, either after receipt of payment for the Offered Shares or after the application of the proceeds therefrom as described under “Use of Proceeds” in the Registration Statement, the Time of Sale Prospectus or the Prospectus, required to register as an “investment company” or an entity “controlled” by an “investment company” within the meaning of the Investment Company Act of 1940, as amended, and the rules and regulations of the Commission thereunder (the “**Investment Company Act**”).

(cc) **No Price Stabilization or Manipulation; Compliance with Regulation M**. Neither the Company nor any of its subsidiaries has taken, directly or indirectly, any action designed to or that might cause or result in stabilization or manipulation of the price of the Shares or of any “reference security” (as defined in Rule 100 of Regulation M under the Exchange Act (“**Regulation M**”)) with respect to the Shares, whether to facilitate the sale or resale of the Offered Shares or otherwise, and has taken no action which would directly or indirectly violate Regulation M.

(dd) **Related-Party Transactions**. There are no business relationships or related-party transactions involving the Company or any of its subsidiaries or any other person required to be described in the Registration Statement, the Time of Sale Prospectus or the Prospectus that have not been described as required.

(ee) **FINRA Matters**. All of the information provided to the Underwriters or to counsel for the Underwriters by the Company, its counsel, its officers and directors and, to the Company’s knowledge, its counsel and the holders of any securities (debt or equity) or options to acquire any securities of the Company in connection with the offering of the Offered Shares is true, complete and correct in all material respects and compliant with FINRA’s rules and any letters, filings or other supplemental information provided to FINRA pursuant to FINRA Rules or NASD Conduct Rules is true, complete and correct in all material respects.

(ff) **Parties to Lock-up Agreements**. The Company has furnished to the Underwriters a letter agreement in the form attached hereto as Exhibit A (the “**Lock-up Agreement**”) from each of the directors and officers of the Company included in Exhibit B hereto. If any additional persons shall become directors or officers of the Company prior to the end of the Company Lock-up Period (as defined below), the Company shall cause each such person, prior to or contemporaneously with their appointment or election as a director or officer of the Company, to execute and deliver to the Representatives a Lock-up Agreement.

(gg) **Statistical and Market-Related Data**. All statistical, demographic and market-related data included or incorporated by reference in the Registration Statement, the Time of Sale Prospectus or the Prospectus are based on or derived from sources that the Company believes to be reliable and accurate in all material respects. To the extent required, the Company has obtained the written consent to the use of such data from such sources.

(hh) **No Unlawful Contributions or Other Payments**. Neither the Company nor any subsidiary nor, to the best of the Company’s knowledge, any employee or agent of the Company or any of its subsidiaries, has made any contribution or other payment to any official of, or candidate for, any federal, state or foreign office in violation of any law or of the character required to be disclosed in the Registration Statement, the Time of Sale Prospectus or the Prospectus.

(ii) **Foreign Corrupt Practices Act**. Neither the Company nor any of its subsidiaries nor, to the knowledge of the Company, any director, officer, agent, employee, affiliate or other person acting on behalf of the Company or any of its subsidiaries has, in the course of its actions for, or on behalf of, the Company or any of its subsidiaries (i) used any corporate funds for any unlawful contribution, gift, entertainment or other unlawful expenses relating to political activity; (ii) made or taken an act in furtherance of an offer, promise or authorization of any direct or indirect unlawful payment or benefit to any domestic government official, “foreign official” (as defined in the U.S. Foreign Corrupt Practices Act of 1977, as amended, and the rules and regulations thereunder (collectively, the “**FCPA**”) or employee, including of any government-owned or controlled entity or of a public international organization, or any

person acting in an official capacity for or on behalf of any of the foregoing, or any political party or party official or candidate for political office, from corporate funds; (iii) violated or is in violation of any provision of the FCPA, or any applicable law or regulation implementing the OECD Convention on Combating Bribery of Foreign Public Officials in International Business Transactions, or committed an offence under the Bribery Act of 2010 of the United Kingdom or any other applicable anti-bribery or anti-corruption statute or regulation; or (iv) made, offered, agreed, requested or taken an act in furtherance of any unlawful bribe or other unlawful benefit, including, without limitation, any rebate, payoff, influence payment, kickback or other unlawful or improper payment or benefit; and the Company and its subsidiaries and, to the knowledge of the Company, the Company's affiliates have conducted their respective businesses in compliance with all applicable anti-bribery and anti-corruption laws and have instituted and maintain policies and procedures designed to ensure, and which are reasonably expected to continue to ensure, continued compliance therewith.

(jj) **Money Laundering Laws.** The operations of the Company and its subsidiaries are, and have been conducted at all times, in compliance with all applicable financial recordkeeping and reporting requirements, including those of the Bank Secrecy Act, as amended by Title III of the Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism Act of 2001 (USA PATRIOT Act) (Title III of Pub. L. 107-56 (signed into law October 26, 2001)) (the "**USA Patriot Act**"), and those of the Currency and Foreign Transactions Reporting Act of 1970, as amended, and the money laundering statutes of all applicable jurisdictions, the rules and regulations thereunder and any related or similar applicable rules, regulations or guidelines, issued, administered or enforced by any governmental agency (collectively, the "**Money Laundering Laws**") and no action, suit or proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company or any of its subsidiaries with respect to the Money Laundering Laws is pending or, to the best knowledge of the Company, threatened.

(kk) **Sanctions.** Neither the Company nor any of its subsidiaries nor, to the knowledge of the Company, after due inquiry, any director, officer, agent, employee, affiliate or person acting on behalf of the Company or any of its subsidiaries is currently the subject or target of any U.S. sanctions (including, without limitation, the Office of Foreign Assets Control of the U.S. Treasury Department or the U.S. Department of State and including, without limitation, the designation as a "specially designated national" or "blocked person"), the United Nations Security Council, the European Union, His Majesty's Treasury or other relevant sanctions authority ("**Sanctions**"), nor is the Company or any of its subsidiaries located, organized or resident in a country or territory that is the subject or target of Sanctions, including, without limitation, the Crimea Region of Ukraine, the so-called Donetsk People's Republic, the so-called Luhansk People's Republic, Cuba, Iran, North Korea and Syria (each, a "**Sanctioned Country**"); and the Company will not directly or indirectly use the proceeds of this offering, or lend, contribute or otherwise make available such proceeds to any subsidiary, or any joint venture partner or other person or entity (i) to fund or facilitate any activities of or business with any person that, at the time of such funding or facilitation, is the subject or target of Sanctions or (ii) in any other manner that will result in a violation by any person (including any person participating in the transaction whether as underwriter, advisor, investor or otherwise) of Sanctions. For the past five years, the Company and its subsidiaries have not knowingly engaged in, and the Company and its subsidiaries are not now knowingly engaged in, any dealings or transactions with any individual or entity that at the time of the dealing or transaction is or was the subject or the target of Sanctions or with any Sanctioned Country.

(ll) **Brokers.** Except pursuant to this Agreement, there is no broker, finder or other party that is entitled to receive from the Company any brokerage or finder's fee or other fee or commission as a result of any transactions contemplated by this Agreement.

(mm) **Forward-Looking Statements.** Each financial or operational projection or other “forward-looking statement” (as defined by Section 27A of the Securities Act or Section 21E of the Exchange Act) contained in the Registration Statement, the Time of Sale Prospectus or the Prospectus (i) was so included by the Company in good faith and with reasonable basis after due consideration by the Company of the underlying assumptions, estimates and other applicable facts and circumstances and (ii) is accompanied by meaningful cautionary statements identifying those factors that could cause actual results to differ materially from those in such forward-looking statement. No such statement was made with the knowledge of an executive officer or director of the Company that it was false or misleading.

(nn) **Dividend Restrictions.** Except in each case as otherwise disclosed in the Registration Statement, the Time of Sale Prospectus and the Prospectus, no subsidiaries of the Company are prohibited or restricted, directly or indirectly, from paying any dividends to the Company, or from making any other distribution with respect to such subsidiary’s equity securities or from repaying to the Company any amounts that may from time to time become due under any loans or advances to either of the subsidiaries from the Company or from transferring any property or assets to the Company or any other subsidiary of the Company. No approvals of any governmental or regulatory body or agency are required in the Republic of Singapore in order for the Company to pay dividends or other distributions declared by the Company to the holders of Shares. As described in the Registration Statement, the Time of Sale Prospectus and the Prospectus, pursuant to Singapore law and the constitution of the Company, no dividend is payable (i) except out of the profits of the Company or (ii) in excess of the amount recommended by the directors of the Company. Except as described in the Registration Statement, the Time of Sale Prospectus and the Prospectus, under the laws and regulations of the Republic of Singapore (A) any amounts payable with respect to the Shares upon liquidation of the Company or upon redemption thereof and dividends and other distributions declared and payable on the Shares may be paid by the Company to the holders of Shares in Singapore dollars that may be converted into foreign currency and freely transferred out of the Republic of Singapore; and (B) no such payments made to holders thereof or therein who are non-residents of the Republic of Singapore will be subject to income, withholding or other taxes under the laws and regulations of the Republic of Singapore or taxing authority thereof or therein and will otherwise be free and clear of any other tax, duty, withholding or deduction in the Republic of Singapore or taxing authority thereof or therein and without the necessity of obtaining any governmental authorization in the Republic of Singapore or taxing authority thereof or therein.

(oo) **No Outstanding Loans or Other Extensions of Credit.** Neither the Company nor its subsidiaries has any outstanding extension of credit, in the form of a personal loan, to or for any director or executive officer (or equivalent thereof) of the Company and/or its subsidiaries except for such extensions of credit as are expressly permitted by Section 13(k) of the Exchange Act and the Companies Act 1967 of Singapore.

(pp) **Communications.** Since November 2015, the Company has not engaged in any communications with potential investors in reliance on Section 5(d) of the Securities Act.

(qq) **Clinical Data and Regulatory Compliance.** The preclinical studies and clinical trials, and other studies (collectively, “studies”) being conducted by or, to the knowledge of the Company, for the Company, or that are described in, or the results of which are referred to in, the Registration Statement, the Time of Sale Prospectus or the Prospectus were and, if still pending, are being conducted in all material respects in accordance with the protocols, procedures and controls designed and approved for such studies and with standard medical and scientific research procedures; each description of the results of such studies is accurate and complete in all material respects and fairly presents the data derived from such studies, and the Company and its subsidiaries have no knowledge of any other studies the results of which are inconsistent with, or otherwise call into question, the results described or referred to in the Registration Statement, the Time of Sale Prospectuses or the Prospectus; the Company and its subsidiaries have made all such filings and obtained all such approvals as may be required by the Food and Drug Administration of the U.S. Department of Health and Human Services or from any other applicable U.S. or foreign governmental agency engaged in the regulation of drugs or medical devices (including diagnostics)

(collectively, the “**Regulatory Agencies**”), except where the failure to obtain such approval would not reasonably be expected to have a Material Adverse Effect; neither the Company nor any of its subsidiaries has received any written notice of, or other correspondence from, any Regulatory Agency requiring the termination, suspension or modification of any clinical trials that are described or referred to in the Registration Statement, the Time of Sale Prospectus or the Prospectus, except those which have been removed or are no longer applicable or in effect or are disclosed in the Registration Statement, the Time of Sale Prospectus and the Prospectus; and the Company and its subsidiaries have each operated and currently are in compliance in all material respects with all applicable rules, regulations and policies of the Regulatory Agencies.

(rr) **Compliance with Health Care Laws.** The Company’s and each of its subsidiaries’ business practices have been structured in a manner reasonably designed to comply with the state, federal and foreign Health Care Laws applicable to the Company and its subsidiaries respective businesses, and the Company and its subsidiaries are in compliance with Health Care Laws, except where the failure to do so would not reasonably be expected to have a Material Adverse Effect. The Company and its subsidiaries have not engaged in activities which to its knowledge are cause for false claims liability, civil penalties, or mandatory or permissive exclusion from Medicare, Medicaid, or any other state health care program or federal health care program. For purposes of this Agreement, “**Health Care Laws**” includes without limitation applicable provisions of the: (i) the Federal Food, Drug, and Cosmetic Act (21 U.S.C. § 301 et seq.) and the regulations promulgated thereunder; (ii) all applicable federal, state, local and all applicable foreign health care related fraud and abuse laws, including, without limitation, the U.S. Anti-Kickback Statute (42 U.S.C. Section 1320a-7b(b)), the U.S. civil False Claims Act (31 U.S.C. Section 3729 et seq.), the federal criminal false claims law (42 U.S.C. § 1320a-7b(a)), the federal civil monetary penalties law (42 U.S.C. § 1320a-7a), the Stark Law (42 U.S.C. §1395nn), 18 U.S.C. Sections 286 and 287, the health care fraud criminal provisions under the U.S. Health Insurance Portability and Accountability Act of 1996 (“**HIPAA**”) (42 U.S.C. Section 1320d et seq.), the exclusion laws (42 U.S.C. §1320a-7), the statutes and regulations government healthcare programs, including the European Union General Data Protection Regulation (EU 2016 679), Medicare, Title XVIII of the Social Security Act, and Medicaid, Title XIX of the Social Security Act, and the regulations promulgated pursuant to such statutes; (iii) the U.S. federal Prescription Drug Marketing Act of 1987, as amended, and the regulations promulgated thereunder; (iv) the U.S. Controlled Substances Act; (v) the Clinical Laboratory Improvement Act; and (vi) the Standards for Privacy of Individually Identifiable Health Information, the Security Standards, and the Standards for Electronic Transactions and Code Sets promulgated under HIPAA, the Health Information Technology for Economic and Clinical Health Act (42 U.S.C. Section 17921 et seq.), and the regulations promulgated thereunder and any state or non-U.S. counterpart thereof or other law or regulation the purpose of which is to protect the privacy of individuals or prescribers. Neither the Company nor its subsidiaries have received written notice of any claim, action, suit, proceeding, hearing, enforcement, investigation, arbitration or other action from any court or arbitrator or governmental or regulatory authority or third party alleging that any product, operation or activity is in violation of any Health Care Laws nor, to the Company’s knowledge, is any such claim, action, suit, proceeding, hearing, enforcement, investigation, arbitration or other action threatened. The Company and its subsidiaries have filed, maintained or submitted all material reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments as required by any Health Care Laws, and all such reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments were complete and accurate on the date filed in all material respects (or were corrected or supplemented by a subsequent submission). Neither the Company nor its subsidiaries are a party to any corporate integrity agreements, monitoring agreements, consent decrees, plans of correction, settlement orders, or similar agreements with or imposed by any governmental or regulatory authority. Additionally, neither the Company, its subsidiaries nor any of their respective employees, officers or directors has been excluded, suspended or debarred from participation in any U.S. federal health care program or human clinical research or, to the knowledge of the Company, is subject to a governmental inquiry, investigation, proceeding, or other similar action that could reasonably be expected to result in debarment, suspension, or exclusion.

(ss) **No Rights to Purchase Preferred Shares.** The issuance and sale of the Shares as contemplated hereby will not cause any holder of any shares, securities convertible into or exchangeable or exercisable for shares or options, warrants or other rights to purchase shares or any other securities of the Company to have any right to acquire any preference shares of the Company.

(tt) **No Contract Terminations.** Neither the Company nor any of its subsidiaries has sent or received any communication regarding termination of, or intent not to renew, any of the contracts or agreements referred to or described in any preliminary prospectus, the Prospectus or any free writing prospectus, or referred to or described in, or filed as an exhibit to, the Registration Statement, and no such termination or non-renewal has been threatened by the Company or any of its subsidiaries or, to the Company's knowledge, any other party to any such contract or agreement, which threat of termination or non-renewal has not been rescinded as of the date hereof.

(uu) **Submission to Jurisdiction.** The choice of laws of the State of New York as the governing law of this Agreement is a valid choice of law under the laws of the Republic of Singapore and will be recognized as a valid choice of law by the courts of the Republic of Singapore, provided that the choice of laws of the State of New York is a *bona fide* choice of law and legal and not entered into pursuant to a fraud or under duress nor with a view to avoid the applicability of any other applicable law, and such law is proven to the satisfaction of the courts of Singapore. This is subject also to the restrictions described under the caption "Enforcement of Civil Liabilities under United States Securities Laws" in the Registration Statement, the Time of Sale Prospectus and the Prospectus. Such law will be disregarded if the application of the laws of the State of New York will be illegal or contravene some mandatory rule or public policy in Singapore. The Company and each of its subsidiaries has the power to submit, and pursuant to Section 18 of this Agreement, has legally, validly, effectively and irrevocably submitted, to the personal jurisdiction of the Specified Courts (as defined below), and the Company and each of its subsidiaries has the power to designate, appoint and authorize, and pursuant to Section 18 of this Agreement, has legally, validly, effectively and irrevocably designated, appointed and authorized an agent for service of process in any action arising out of or relating to this Agreement or the Offered Shares in any state or federal court in the Borough of Manhattan in the City of New York, and service of process effected on such authorized agent will be effective to confer valid personal jurisdiction over the Company as provided in Section 18 hereof.

(vv) **Enforcement of Foreign Judgments.** Subject to the restrictions described in the Registration Statement, the Time of Sale Prospectus and the Prospectus, any final judgment for a fixed or determined sum of money rendered by any U.S. federal or New York state court located in the State of New York having jurisdiction under its own laws in respect of any suit, action or proceeding against the Company based upon this Agreement may be enforced against the Company by the courts of the Republic of Singapore by commencing an action for the amount due under it.

(ww) **No Immunity.** Neither the Company nor any of its subsidiaries or their properties or assets has immunity under the Republic of Singapore, U.S. federal or New York state law from any legal action, suit or proceeding, from the giving of any relief in any such legal action, suit or proceeding, from set-off or counterclaim, from the jurisdiction of any Republic of Singapore, U.S. federal or New York state court, from service of process, attachment upon or prior to judgment, or attachment in aid of execution of judgment, or from execution of a judgment, or other legal process or proceeding for the giving of any relief or for the enforcement of a judgment, in any such court with respect to their respective obligations, liabilities or any other matter under or arising out of or in connection herewith; and, to the extent that the Company or any of its subsidiaries or any of its properties, assets or revenues may have or may hereafter become entitled to any such right of immunity in any such court in which proceedings arising out of, or relating to the transactions contemplated by this Agreement, may at any time be commenced, the Company has, pursuant to Section 21(b) of this Agreement, waived, and it will waive, or will cause its subsidiaries to waive, such right to the extent permitted by law.

(xx) **Stamp Taxes.** Subject to the restrictions described in the Registration Statement, the Time of Sale Prospectus and the Prospectus, other than any net income, capital gains or franchise taxes imposed on the Underwriters by the Republic of Singapore or any political subdivision or taxing authority thereof or therein as a result of any present or former connection (other than any connection resulting from the transactions contemplated by this Agreement) between the Underwriters and the jurisdiction imposing such tax, no stamp duties or other issuance or transfer taxes are payable by or on behalf of the Underwriters in the Republic of Singapore, the United States or any political subdivision or taxing authority thereof solely in connection with (A) the execution, delivery and performance of this Agreement, (B) the issuance and delivery of the Offered Shares in the manner contemplated by this Agreement and the Registration Statement, the Time of Sale Prospectus and the Prospectus or (C) the sale and delivery by the Underwriters of the Offered Shares as contemplated herein and in the Registration Statement, the Time of Sale Prospectus and the Prospectus.

(yy) **Passive Foreign Investment Company.** The Company expects the Company was not a “passive foreign investment company” (“PFIC”) as defined in Section 1297 of the Code for its most recently completed taxable year and the Company does not expect to be a PFIC for the foreseeable future.

(zz) **Legality.** To ensure the legality, validity, enforceability or admissibility into evidence of any of the Registration Statement, the Time of Sale Prospectus, the Prospectus, this Agreement or the Offered Shares in Singapore, it is not necessary that such document be submitted to, filed or recorded with any court or other authority in any such jurisdiction on or before the date hereof or that any tax, imposition or charge be paid on or in respect of any such document.

(aaa) **No Rated Debt.** There are no debt securities or preferred stock issued, or guaranteed, by the Company or any of its subsidiaries that are rated by a “nationally recognized statistical rating organization,” as such term is defined in Section 3(a)(62) of the Exchange Act.

(bbb) **Compliance with Sarbanes-Oxley.** There is and has been no failure on the part of the Company or any of the Company’s directors or officers, in their capacities as such, to comply with any provision of the Sarbanes-Oxley Act of 2002, as amended, and all rules and regulations promulgated thereunder, including Section 402 related to loans and Sections 302 and 906 related to certifications.

(ccc) **Margin Rules.** Neither the issuance, sale and delivery of the Offered Shares nor the application of the proceeds thereof by the Company as described in each of the Registration Statement, the Time of Sale Prospectus and the Prospectus will violate Regulation T, U or X of the Board of Governors of the Federal Reserve System or any other regulation of such Board of Governors.

Any certificate signed by any officer of the Company or any of its subsidiaries and delivered to any Underwriter or to counsel for the Underwriters in connection with the offering, or the purchase and sale, of the Offered Shares shall be deemed a representation and warranty by the Company to each Underwriter as to the matters covered thereby.

The Company has a reasonable basis for making each of the representations set forth in this Section 1. The Company acknowledges that the Underwriters and, for purposes of the opinions to be delivered pursuant to Section 6 hereof, counsel to the Company and counsel to the Underwriters, will rely upon the accuracy and truthfulness of the foregoing representations and hereby consents to such reliance.

Section 2. Purchase, Sale and Delivery of the Offered Shares.

(a) **The Firm Shares.** Upon the terms herein set forth, the Company agrees to issue and sell to the several Underwriters an aggregate of 20,000,000 Firm Shares. On the basis of the representations, warranties and agreements herein contained, and upon the terms but subject to the conditions herein set forth, the Underwriters agree, severally and not jointly, to purchase from the Company the respective number of Firm Shares set forth opposite their names on Schedule A hereto. The purchase price per Firm Share to be paid by the several Underwriters to the Company shall be \$4.70 per share (the “**Share Purchase Price**”).

(b) **First Closing Date.** Delivery of the Firm Shares to be purchased by the Underwriters and payment therefor shall be made at the offices of White & Case LLP, 1221 Avenue of the Americas, New York, New York (or such other place as may be agreed to by the Company and the Representatives) at 9:00 a.m. New York City time, on December 11, 2023, or such other time and date not later than 1:30 p.m. New York City time, on December 12, 2023 as the Representatives shall designate by notice to the Company (the time and date of such closing are called the “**First Closing Date**”). The Company hereby acknowledges that circumstances under which the Representatives may provide notice to postpone the First Closing Date as originally scheduled include, but are not limited to, any determination by the Company or the Representatives to recirculate to the public copies of an amended or supplemented Prospectus or a delay as contemplated by the provisions of Section 11.

(c) **The Optional Shares; Option Closing Date.** In addition, on the basis of the representations, warranties and agreements herein contained, and upon the terms but subject to the conditions herein set forth, the Company hereby grants an option to the several Underwriters to purchase, severally and not jointly, up to an aggregate of 3,000,000 Optional Shares from the Company. The purchase price per Optional Share to be paid by the several Underwriters shall be the Share Purchase Price. The option granted hereunder may be exercised at any time and from time to time in whole or in part upon notice by the Representatives to the Company, which notice may be given at any time within 30 days from the date of this Agreement. Such notice shall set forth (i) the aggregate number of Optional Shares as to which the Underwriters are exercising the option and (ii) the time, date and place at which the Optional Shares will be delivered (which time and date may be simultaneous, but not earlier than, the First Closing Date; and in the event that such time and date are simultaneous with the First Closing Date, the term “**First Closing Date**” shall refer to the time and date of delivery of the Firm Shares and such Optional Shares). Any such time and date of delivery, if subsequent to the First Closing Date, is called an “**Option Closing Date**,” shall be determined by the Representatives and shall not be earlier than three or later than five full business days after delivery of such notice of exercise. If any Optional Shares are to be purchased, each Underwriter agrees, severally and not jointly, to purchase the number of Optional Shares (subject to such adjustments to eliminate fractional shares as the Representatives may determine) that bears the same proportion to the total number of Optional Shares to be purchased as the number of Firm Shares set forth on Schedule A opposite the name of such Underwriter bears to the total number of Firm Shares. The Representatives may cancel the option at any time prior to its expiration by giving written notice of such cancellation to the Company.

(d) **Public Offering of the Offered Shares.** The Representatives hereby advise the Company that the Underwriters intend to offer for sale to the public, initially on the terms set forth in the Registration Statement, the Time of Sale Prospectus and the Prospectus, their respective portions of the Offered Shares as soon after this Agreement has been executed and the Representatives, in their sole judgment, have determined is advisable and practicable.

(e) **Payment for the Offered Shares.**

(i) Payment for the Offered Shares shall be made at the First Closing Date (and, if applicable, at each Option Closing Date) by wire transfer of immediately available funds to the order of the Company.

(ii) It is understood that the Representatives have been authorized, for their own accounts and the accounts of the several Underwriters, to accept delivery of and receipt for, and make payment of the purchase price for, the Firm Shares and any Optional Shares the Underwriters have agreed to purchase. J.P. Morgan Securities LLC and Leerink Partners LLC, individually and not as the Representatives of the Underwriters, may (but shall not be obligated to) make payment for any Offered Shares to be purchased by any Underwriter whose funds shall not have been received by the Representatives by the First Closing Date or the applicable Option Closing Date, as the case may be, for the account of such Underwriter, but any such payment shall not relieve such Underwriter from any of its obligations under this Agreement.

(f) **Delivery of the Offered Shares.** The Company shall deliver, or cause to be delivered, through the facilities of the Depository Trust Company (“DTC”) unless the Representatives otherwise instruct, to the Representatives for the accounts of the several Underwriters the Firm Shares at the First Closing Date, against release of a wire transfer of immediately available funds for the amount of the purchase price therefor. The Company shall also deliver, or cause to be delivered, through the facilities of DTC unless the Representatives otherwise instruct, to the Representatives for the accounts of the several Underwriters, the Optional Shares the Underwriters have agreed to purchase at the First Closing Date or the applicable Option Closing Date, as the case may be, against the release of a wire transfer of immediately available funds for the amount of the purchase price therefor. The Offered Shares shall be registered in such names and denominations as the Representatives shall have requested at least two full business days prior to the First Closing Date (or the applicable Option Closing Date, as the case may be) and shall be made available for inspection on the business day preceding the First Closing Date (or the applicable Option Closing Date, as the case may be) at a location in New York City as the Representatives may designate. Time shall be of the essence, and delivery at the time and place specified in this Agreement is a further condition to the obligations of the Underwriters.

Section 3. Additional Covenants of the Company. The Company further covenants and agrees with each Underwriter as follows:

(a) **Delivery of Registration Statement, Time of Sale Prospectus and Prospectus.** The Company shall furnish to each Underwriter in New York City, without charge, prior to 10:00 a.m. New York City time on the second business day following the date of this Agreement and during the period when a prospectus relating to the Offered Shares is required by the Securities Act to be delivered (whether physically or through compliance with Rule 172 under the Securities Act or any similar rule) in connection with sales of the Offered Shares, as many copies of the Time of Sale Prospectus, the Prospectus and any supplements and amendments thereto or to the Registration Statement as such Underwriter may reasonably request.

(b) **Representatives’ Review of Proposed Amendments and Supplements.** During the period when a prospectus relating to the Offered Shares is required by the Securities Act to be delivered (whether physically or through compliance with Rule 172 under the Securities Act or any similar rule), the Company (i) will furnish to the Representatives for review, a reasonable period of time prior to the proposed time of filing of any proposed amendment or supplement to the Registration Statement (including any amendment or supplement through incorporation of any report filed under the Exchange Act), a copy of each such amendment or supplement and (ii) will not amend or supplement the Registration Statement (including any amendment or supplement through incorporation of any report filed under the Exchange Act) without the Representatives’ prior written consent, which consent shall not be unreasonably withheld, conditioned or delayed. Prior to amending or supplementing any preliminary prospectus, the Time of Sale Prospectus or the Prospectus (including any amendment or supplement through incorporation of any report filed under the Exchange Act), the Company shall furnish to the Representatives for review, a reasonable amount of time prior to the time of filing or use of the proposed amendment or supplement, a copy of each such proposed amendment or supplement. The Company shall not file or use any such proposed amendment or supplement without the Representatives’ prior written consent, which consent shall not be unreasonably withheld, conditioned or delayed. The Company shall file with the Commission within the applicable period specified in Rule 424(b) under the Securities Act any prospectus required to be filed pursuant to such Rule.

(c) **Free Writing Prospectuses.** The Company shall furnish to the Representatives for review, a reasonable amount of time prior to the proposed time of filing or use thereof, a copy of each proposed free writing prospectus or any amendment or supplement thereto prepared by or on behalf of, used by, or referred to by the Company, and the Company shall not file, use or refer to any proposed free writing prospectus or any amendment or supplement thereto without the Representatives' prior written consent, which consent shall not be unreasonably withheld, conditioned or delayed. The Company shall furnish to each Underwriter, without charge, as many copies of any free writing prospectus prepared by or on behalf of, used by or referred to by the Company as such Underwriter may reasonably request. If at any time when a prospectus is required by the Securities Act to be delivered (whether physically or through compliance with Rule 172 under the Securities Act or any similar rule) in connection with sales of the Offered Shares (but in any event if at any time through and including the First Closing Date) there occurred or occurs an event or development as a result of which any free writing prospectus prepared by or on behalf of, used by, or referred to by the Company conflicted or would conflict with the information contained in the Registration Statement or included or would include an untrue statement of a material fact or omitted or would omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances prevailing at such time, not misleading, the Company shall promptly amend or supplement such free writing prospectus to eliminate or correct such conflict so that the statements in such free writing prospectus as so amended or supplemented will not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances prevailing at such time, not misleading, as the case may be; provided, however, that prior to amending or supplementing any such free writing prospectus, the Company shall furnish to the Representatives for review, a reasonable amount of time prior to the proposed time of filing or use thereof, a copy of such proposed amended or supplemented free writing prospectus, and the Company shall not file, use or refer to any such amended or supplemented free writing prospectus without the Representatives' prior written consent, which consent shall not be unreasonably withheld, conditioned or delayed.

(d) **Filing of Underwriter Free Writing Prospectuses.** The Company shall not take any action that would result in an Underwriter or the Company being required to file with the Commission pursuant to Rule 433(d) under the Securities Act a free writing prospectus prepared by or on behalf of such Underwriter that such Underwriter otherwise would not have been required to file thereunder.

(e) **Amendments and Supplements to Time of Sale Prospectus.** If the Time of Sale Prospectus is being used to solicit offers to buy the Offered Shares at a time when the Prospectus is not yet available to prospective purchasers, and any event shall occur or condition exist as a result of which it is necessary to amend or supplement the Time of Sale Prospectus so that the Time of Sale Prospectus does not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances when delivered to a prospective purchaser, not misleading, or if any event shall occur or condition exist as a result of which the Time of Sale Prospectus conflicts with the information contained in the Registration Statement, or if, in the opinion of counsel for the Underwriters, it is necessary to amend or supplement the Time of Sale Prospectus to comply with applicable law, the Company shall (subject to Section 3(b) and Section 3(c) hereof) promptly prepare, file with the Commission and furnish, at its own expense, to the Underwriters and to any dealer upon request, either amendments or supplements to the Time of Sale Prospectus so that the statements in the Time of Sale Prospectus as so amended or supplemented will not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances when delivered to a prospective purchaser, not misleading or so that the Time of Sale Prospectus, as amended or supplemented, will no longer conflict with the information contained in the Registration Statement, or so that the Time of Sale Prospectus, as amended or supplemented, will comply with applicable law.

(f) **Certain Notifications and Required Actions.** After the date of this Agreement, the Company shall promptly advise the Representatives in writing of: (i) the receipt of any comments of, or requests for additional or supplemental information from, the Commission relating to the Registration Statement received by the Company; (ii) the time and date of any filing of any post-effective amendment to the Registration Statement or any amendment or supplement to any preliminary prospectus, the Time of Sale Prospectus, any free writing prospectus or the Prospectus; (iii) the time and date that any post-effective amendment to the Registration Statement becomes effective; and (iv) the issuance by the Commission of any stop order suspending the effectiveness of the Registration Statement or any post-effective amendment thereto or any amendment or supplement to any preliminary prospectus, the Time of Sale Prospectus or the Prospectus or of any order preventing or suspending the use of any preliminary prospectus, the Time of Sale Prospectus, any free writing prospectus or the Prospectus, or of any proceedings to remove, suspend or terminate from listing or quotation the Shares from any securities exchange upon which they are listed for trading or included or designated for quotation, or of the threatening or initiation of any proceedings for any of such purposes or pursuant to Section 8A of the Securities Act. If the Commission shall enter any such stop order at any time, the Company will use its best efforts to obtain the lifting of such order as soon as practicable. Additionally, the Company agrees that it shall comply with all applicable provisions of Rule 424(b), Rule 433 and Rule 430B under the Securities Act and will use its reasonable efforts to confirm that any filings made by the Company under Rule 424(b) or Rule 433 were received in a timely manner by the Commission.

(g) **Amendments and Supplements to the Prospectus and Other Securities Act Matters.** If any event shall occur or condition exist as a result of which it is necessary to amend or supplement the Prospectus so that the Prospectus does not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances when the Prospectus is delivered (whether physically or through compliance with Rule 172 under the Securities Act or any similar rule) to a purchaser, not misleading, or if in the opinion of the Representatives or counsel for the Underwriters it is otherwise necessary to amend or supplement the Prospectus to comply with applicable law, the Company agrees (subject to Section 3(b) and Section 3(c)) hereof to promptly prepare, file with the Commission and furnish, at its own expense, to the Underwriters and to any dealer upon request, amendments or supplements to the Prospectus so that the statements in the Prospectus as so amended or supplemented will not include an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances when the Prospectus is delivered (whether physically or through compliance with Rule 172 under the Securities Act or any similar rule) to a purchaser, not misleading or so that the Prospectus, as amended or supplemented, will comply with applicable law. Neither the Representatives' consent to, nor delivery of, any such amendment or supplement shall constitute a waiver of any of the Company's obligations under Section 3(b) or Section 3(c).

(h) **Blue Sky Compliance.** The Company shall cooperate with the Representatives and counsel for the Underwriters to qualify or register the Offered Shares for sale under (or obtain exemptions from the application of) the state securities or blue sky laws or Canadian provincial securities laws (or other foreign laws) of those jurisdictions designated by the Representatives, shall comply with such laws and shall continue such qualifications, registrations and exemptions in effect so long as required for the distribution of the Offered Shares. The Company shall not be required to qualify as a foreign corporation or to take any action that would subject it to general service of process in any such jurisdiction where it is not presently qualified or where it would be subject to taxation as a foreign corporation. The Company will advise the Representatives promptly of the suspension of the qualification or registration of (or any such exemption relating to) the Offered Shares for offering, sale or trading in any jurisdiction or any initiation or threat of any proceeding for any such purpose, and in the event of the issuance of any order suspending such qualification, registration or exemption, the Company shall use its best efforts to obtain the withdrawal thereof as soon as possible.

(i) **Use of Proceeds.** The Company intends to apply the net proceeds from the sale of the Offered Shares sold by it in the manner described under the caption “Use of Proceeds” in the Registration Statement, the Time of Sale Prospectus and the Prospectus.

(j) **Transfer Agent.** The Company shall maintain, at its expense, a registrar and transfer agent for the Shares (including the Offered Shares).

(k) **Earnings Statement.** The Company will make generally available to its security holders and to the Representatives as soon as practicable an earnings statement (which need not be audited) covering a period of at least 12 months beginning with the first fiscal quarter of the Company commencing after the date of this Agreement that will satisfy the provisions of Section 11(a) of the Securities Act and the rules and regulations of the Commission thereunder; provided that the Company will be deemed to have satisfied such requirement to the extent such information is filed on EDGAR or any successor system.

(l) **Continued Compliance with Securities Laws.** The Company will comply with the Securities Act and the Exchange Act so as to permit the completion of the distribution of the Offered Shares as contemplated by this Agreement, the Registration Statement, the Time of Sale Prospectus and the Prospectus. Without limiting the generality of the foregoing, the Company will, during the period when a prospectus relating to the Offered Shares is required by the Securities Act to be delivered (whether physically or through compliance with Rule 172 under the Securities Act or any similar rule), file on a timely basis with the Commission and the Nasdaq all reports and documents required to be filed under the Exchange Act.

(m) **Listing.** The Company will use its best efforts to list, subject to notice of issuance, the Offered Shares on the Nasdaq.

(n) **[Reserved].**

(o) **Company to Provide Copy of the Prospectus in Form That May be Downloaded from the Internet.** If requested by the Representatives, the Company shall cause to be prepared and delivered, at its expense, within one business day from the effective date of this Agreement, to the Representatives an “**electronic Prospectus**” to be used by the Underwriters in connection with the offering and sale of the Offered Shares. As used herein, the term “**electronic Prospectus**” means a form of Time of Sale Prospectus, and any amendment or supplement thereto, that meets each of the following conditions: (i) it shall be encoded in an electronic format, satisfactory to the Representatives, that may be transmitted electronically by the Representatives and the other Underwriters to offerees and purchasers of the Offered Shares; (ii) it shall disclose the same information as the paper Time of Sale Prospectus, except to the extent that graphic and image material cannot be disseminated electronically, in which case such graphic and image material shall be replaced in the electronic Prospectus with a fair and accurate narrative description or tabular representation of such material, as appropriate; and (iii) it shall be in or convertible into a paper format or an electronic format, satisfactory to the Representatives, that will allow investors to store and have continuously ready access to the Time of Sale Prospectus at any future time, without charge to investors (other than any fee charged for subscription to the Internet as a whole and for on-line time).

(p) **Agreement Not to Offer or Sell Additional Shares.** During the period commencing on and including the date hereof and continuing through and including the 90th day following the date of the Prospectus (such period being referred to herein as the “**Lock-up Period**”), the Company will not, without the prior written consent of the Representatives (which consent may be withheld in their sole discretion), directly or indirectly: (i) sell, offer to sell, contract to sell or lend any Shares or Related Securities (as defined below); (ii) effect any short sale, or establish or increase any “put equivalent position”

(as defined in Rule 16a-1(h) under the Exchange Act) or liquidate or decrease any “call equivalent position” (as defined in Rule 16a-1(b) under the Exchange Act) of any Shares or Related Securities; (iii) pledge, hypothecate or grant any security interest in any Shares or Related Securities; (iv) in any other way transfer or dispose of any Shares or Related Securities; (v) enter into any swap, hedge or similar arrangement or agreement that transfers, in whole or in part, the economic risk of ownership of any Shares or Related Securities, regardless of whether any such transaction is to be settled in securities, in cash or otherwise; (vi) announce the offering of any Shares or Related Securities; (vii) file any registration statement under the Securities Act in respect of any Shares or Related Securities (other than as contemplated by this Agreement with respect to the Offered Shares); or (viii) publicly announce the intention to do any of the foregoing; provided, however, that the Company may (A) effect the transactions contemplated hereby, (B) issue Shares, options or other rights to receive or purchase Shares, or issue Shares upon exercise of options or vesting of restricted share units or performance share units, pursuant to any share or stock option, share or stock bonus or other share or stock plan or arrangement described in the Registration Statement, the Time of Sale Prospectus and the Prospectus provided that any directors or officers who are recipients thereof have provided to the Representatives a signed Lock-up Agreement, (C) file a registration statement on Form S-8 to register Shares issuable pursuant to the terms of a stock option, stock bonus or other stock plan or arrangement described in the Registration Statement, Time of Sale Prospectus and the Prospectus or any amendment to any such plan or arrangement and (D) issue Shares or Related Securities, or enter into an agreement to issue Shares or Related Securities, in connection with any merger, joint venture, strategic alliances, commercial or other collaborative transaction or the acquisition or license of the business, property, technology or other assets of another individual or entity or the assumption of an employee benefit plan in connection with a merger or acquisition; provided that the aggregate number of Shares or Related Securities that the Company may issue or agree to issue pursuant to this clause (D) shall not exceed 7% of the total outstanding share capital of the Company immediately following the issuance of the Offered Shares; and provided further that the recipients thereof provide to the Representatives a signed Lock-up Agreement. For purposes of the foregoing, “**Related Securities**” shall mean any options or warrants or other rights to acquire Shares or any securities exchangeable or exercisable for or convertible into Shares, or to acquire other securities or rights ultimately exchangeable or exercisable for, or convertible into, Shares.

(q) **Future Reports to the Representatives.** During the period of five years hereafter, the Company will furnish to the Representatives c/o J.P. Morgan Securities LLC, 383 Madison Avenue New York, New York 10179, Attention: Equity Syndicate Desk, and c/o Leerink Partners LLC, 53 State Street, 40th Floor, Boston, Massachusetts 02109, Attention: Syndicate Department: (i) as soon as practicable after the end of each fiscal year, copies of the Annual Report of the Company containing the balance sheet of the Company as of the close of such fiscal year and statements of income, shareholders’ equity and cash flows for the year then ended and the opinion thereon of the Company’s independent public or certified public accountants; (ii) as soon as practicable after the filing thereof, copies of each proxy statement, Annual Report on Form 10-K, Quarterly Report on Form 10-Q, Current Report on Form 8-K or other similar report filed by the Company with the Commission or any securities exchange; and (iii) as soon as available, copies of any report or communication of the Company furnished or made available generally to holders of its shares; provided, however, that the requirements of this Section 3(q) shall be satisfied to the extent that such reports, statement, communications, financial statements or other documents are available on EDGAR.

(r) **Investment Limitation.** The Company shall not invest or otherwise use the proceeds received by the Company from its sale of the Offered Shares in such a manner as would require the Company or any of its subsidiaries to register as an investment company under the Investment Company Act.

(s) **No Stabilization or Manipulation; Compliance with Regulation M.** The Company will not take, and will ensure that no affiliate of the Company will take, directly or indirectly, any action designed to or that might cause or result in stabilization or manipulation of the price of the Shares or any reference security with respect to the Shares, whether to facilitate the sale or resale of the Offered Shares or otherwise, and the Company will, and shall cause each of its affiliates to, comply with all applicable provisions of Regulation M.

(t) **Enforce Lock-up Agreements.** During the Lock-up Period, the Company will enforce all agreements between the Company and any of its security holders that restrict or prohibit, expressly or in operation, the offer, sale or transfer of Shares or Related Securities or any of the other actions restricted or prohibited under the terms of the form of Lock-up Agreement. In addition, the Company will direct the transfer agent to place stop transfer restrictions upon any such securities of the Company that are bound by any “lock-up” agreements for the duration of the periods contemplated in such agreements, including, without limitation, the Lock-up Agreements entered into by the Company’s officers and directors pursuant to Section 6(k) hereof.

(u) **Company to Provide Interim Financial Statements.** Prior to the First Closing Date and each applicable Option Closing Date, upon the request of the Representatives, the Company will furnish the Underwriters, as soon as practicable after they have been prepared by or are available to the Company, a copy of any unaudited interim financial statements of the Company for any period subsequent to the period covered by the most recent financial statements appearing in the Registration Statement and the Prospectus.

(v) **Tax Indemnity.** The Company will indemnify and hold harmless the Underwriters against any documentary, stamp, registration or similar issuance tax, including any interest and penalties, on the sale of the Offered Shares by the Company to the Underwriters and on the execution and delivery of this Agreement. All indemnity payments to be made by the Company hereunder in respect of this Section 3(v) shall be made without withholding or deduction for or on account of any present or future Republic of Singapore taxes, duties or governmental shares whatsoever unless the Company is compelled by law to deduct or withhold such taxes, duties or charges. In that event, except for any net income, capital gains or franchise taxes imposed on the Underwriters by the Republic of Singapore or the United States or any political subdivision of taxing authority thereof or therein as a result of any present or former connection (other than any connection resulting from the transactions contemplated by this Agreement) between the Underwriters and the jurisdiction imposing such withholding or deductions, the Company shall pay such additional amounts as may be necessary in order to ensure that the net amounts received after such withholding or deductions shall equal the amounts that would have been received if no withholding or deduction has been made.

The Representatives, on behalf of the several Underwriters, may, in their sole discretion, waive in writing the performance by the Company of any one or more of the foregoing covenants or extend the time for their performance.

Section 4. Payment of Expenses. The Company agrees to pay all costs, fees and expenses incurred in connection with the performance of its obligations hereunder and in connection with the transactions contemplated hereby, including without limitation (i) all expenses incident to the issuance and delivery of the Offered Shares (including all printing and engraving costs), (ii) all fees and expenses of the registrar and transfer agent of the Shares, (iii) all necessary issue, transfer and other stamp taxes in connection with the issuance and sale of the Offered Shares to the Underwriters, (iv) all fees and expenses of the Company’s counsel, independent public or certified public accountants and other advisors, (v) all costs and expenses incurred in connection with the preparation, printing, filing, shipping and distribution of the Registration Statement (including financial statements, exhibits, schedules, consents and certificates of experts), the Time of Sale Prospectus, the Prospectus, each free writing prospectus prepared by or on behalf of, used by, or referred to by the Company, and each preliminary prospectus, and all amendments and supplements thereto, and this Agreement, (vi) all filing fees, reasonable attorneys’ fees and expenses incurred by the Company or the Underwriters in connection with qualifying or registering (or obtaining

exemptions from the qualification or registration of) all or any part of the Offered Shares for offer and sale under the state securities or blue sky laws or the provincial securities laws of Canada and, if requested by the Representatives, preparing and printing a "Blue Sky Survey" or memorandum and a "Canadian wrapper", and any supplements thereto, advising the Underwriters of such qualifications, registrations and exemptions (such fees and expenses of counsel in an aggregate amount not to exceed \$10,000), (vii) the costs, fees and expenses incurred by the Underwriters in connection with determining their compliance with the rules and regulations of FINRA related to the Underwriters' participation in the offering and distribution of the Offered Shares, including any related filing fees and the legal fees of, and disbursements by, counsel to the Underwriters, in an aggregate amount not to exceed \$10,000, (viii) the costs and expenses of the Company relating to investor presentations on any "road show" undertaken in connection with the offering of the Offered Shares, including, without limitation, expenses associated with the preparation or dissemination of any electronic road show, expenses associated with the production of road show slides and graphics, fees and expenses of any consultants engaged in connection with the road show presentations with the prior approval of the Company, travel and lodging expenses of the representatives, employees and officers of the Company and any such consultants, and 50% of the cost of any aircraft chartered in connection with the road show with the remaining 50% of the cost of such aircraft to be paid by the Underwriters, (ix) the fees and expenses associated with listing the Offered Shares on the Nasdaq, and (x) all other fees, costs and expenses of the nature referred to in Item 14 of Part II of the Registration Statement. Except as provided in this Section 4 or in Section 7, Section 9 or Section 10 hereof, the Underwriters shall pay their own expenses, including the fees and disbursements of their counsel and travel and lodging expenses of their representatives and employees.

Section 5. Covenant of the Underwriters. Each Underwriter severally and not jointly covenants with the Company not to take any action that would result in the Company being required to file with the Commission pursuant to Rule 433(d) under the Securities Act a free writing prospectus prepared by or on behalf of such Underwriter that otherwise would not, but for such actions, be required to be filed by the Company under Rule 433(d).

Section 6. Conditions of the Obligations of the Underwriters. The respective obligations of the several Underwriters hereunder to purchase and pay for the Offered Shares as provided herein on the First Closing Date and, with respect to the Optional Shares, each Option Closing Date, shall be subject to the accuracy of the representations and warranties on the part of the Company set forth in Section 1 hereof as of the date hereof and as of the First Closing Date as though then made and, with respect to the Optional Shares, as of each Option Closing Date, to the timely performance by the Company of its covenants and other obligations hereunder, and to each of the following additional conditions:

(a) **Comfort Letter.** On the date hereof, the Representatives shall have received from KPMG LLP, independent registered public accountants for the Company and its subsidiaries, a letter dated the date hereof addressed to the Underwriters, in form and substance satisfactory to the Representatives, containing statements and information of the type ordinarily included in accountant's "comfort letters" to underwriters, delivered according to Statement of Auditing Standards No. 72 (or any successor bulletin), with respect to the consolidated audited and unaudited financial statements of the Company, and certain financial information contained in the Registration Statement, the Time of Sale Prospectus, and each free writing prospectus, if any.

(b) **Compliance with Registration Requirements; No Stop Order; No Objection from FINRA.** For the period from and after the date of this Agreement and through and including the First Closing Date, and, with respect to any Optional Shares purchased after the First Closing Date, each Option Closing Date:

(i) The Company shall have filed the Prospectus with the Commission (including the information previously omitted from the Registration Statement pursuant to Rule 430B under the Securities Act) in the manner and within the time period required by Rule 424(b) under the Securities Act; or the Company shall have filed a post-effective amendment to the Registration Statement previously omitted from the Registration Statement pursuant to Rule 430B, and such post-effective amendment shall have become effective.

(ii) No stop order suspending the effectiveness of the Registration Statement or any post-effective amendment to the Registration Statement shall be in effect, and no proceedings for such purpose or pursuant to Section 8A of the Securities Act shall have been instituted or threatened by the Commission.

(iii) FINRA shall have raised no objection to the fairness and reasonableness of the underwriting terms and arrangements.

(c) **No Material Adverse Change.** For the period from and after the date of this Agreement and through and including the First Closing Date and, with respect to any Optional Shares purchased after the First Closing Date, each Option Closing Date in the judgment of the Representatives there shall not have occurred any Material Adverse Change.

(d) **Opinion and Negative Assurance Letter of U.S. Counsel for the Company.** On each of the First Closing Date and each Option Closing Date, the Representatives shall have received the opinion and negative assurance letter of Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., U.S. counsel for the Company, dated as of such date, in the form agreed to amongst the parties.

(e) **Opinion of Local Counsel for the Company.** On each of the First Closing Date and each Option Closing Date, the Representatives shall have received the opinion of WongPartnership LLP, Singapore counsel for the Company, dated as of such date, in the form agreed to amongst the parties.

(f) **Opinion of Intellectual Property Counsel for the Company.** On each of the First Closing Date and each Option Closing Date, the Representatives shall have received the opinion of Choate Hall & Stewart LLP, intellectual property counsel for the Company, dated as of such date, in the form agreed to amongst the parties.

(g) **Opinion and Negative Assurance Letter of U.S. Counsel for the Underwriters.** On each of the First Closing Date and each Option Closing Date, the Underwriters shall have received the opinion and negative assurance letter of White & Case LLP, counsel for the Underwriters in connection with the offer and sale of the Offered Shares, in form and substance satisfactory to the Underwriters, dated as of such date.

(h) **[Reserved].**

(i) **Officers' Certificate.** On each of the First Closing Date and each Option Closing Date, the Representatives shall have received a certificate executed by the Principal Executive Officer and the Principal Financial Officer of the Company, dated as of such date, to the effect set forth in Section 6(b)(ii) and further to the effect that:

(i) for the period from and including the date of this Agreement through and including such date, there has not occurred any Material Adverse Change;

(ii) the representations, warranties and covenants of the Company set forth in Section 1 of this Agreement are true and correct with the same force and effect as though expressly made on and as of such date; and

(iii) the Company has complied with all the agreements hereunder and satisfied all the conditions on its part to be performed or satisfied hereunder at or prior to such date.

(j) **Bring-down Comfort Letters.** On each of the First Closing Date and each Option Closing Date, the Representatives shall have received from KPMG LLP, independent registered public accountants for the Company, a letter dated such date, in form and substance satisfactory to the Representatives, which letter shall: (i) reaffirm the statements made in the letter furnished by them pursuant to Section 6(a), except that the specified date referred to therein for the carrying out of procedures shall be no more than three business days prior to each of the First Closing Date and each Option Closing Date, as the case may be; and (ii) cover certain financial information contained in the Prospectus.

(k) **Lock-up Agreements.** On or prior to the date hereof, the Company shall have furnished to the Representatives an agreement in the form of Exhibit A hereto from each of the directors and officers of the Company included in Exhibit B hereto, and each such agreement shall be in full force and effect on each of the First Closing Date and each Option Closing Date.

(l) **[Reserved].**

(m) **Rule 462(b) Registration Statement.** In the event that a Rule 462(b) Registration Statement is filed in connection with the offering contemplated by this Agreement, such Rule 462(b) Registration Statement shall have been filed with the Commission on the date of this Agreement and shall have become effective automatically upon such filing.

(n) **Nasdaq.** The Company shall have submitted a listing of additional shares notification form to Nasdaq with respect to the Offered Shares and shall have received no objection to list thereto from Nasdaq.

(o) **No Legal Impediment to Issuance and Sale.** No action shall have been taken and no statute, rule, regulation or order shall have been enacted, adopted or issued by any federal, state or foreign governmental or regulatory authority that would, as of the First Closing Date and each Option Closing Date, prevent the issuance or sale of the Offered Shares; and no injunction or order of any federal, state or foreign court shall have been issued that would, as of the First Closing Date and each Option Closing Date, prevent the issuance or sale of the Offered Shares.

(p) **Additional Documents.** On or before each of the First Closing Date and each Option Closing Date, the Representatives and counsel for the Underwriters shall have received such information, documents and opinions as they may reasonably request for the purposes of enabling them to pass upon the issuance and sale of the Offered Shares as contemplated herein, or in order to evidence the accuracy of any of the representations and warranties, or the satisfaction of any of the conditions or agreements, herein contained; and all proceedings taken by the Company in connection with the issuance and sale of the Offered Shares as contemplated herein and in connection with the other transactions contemplated by this Agreement shall be satisfactory in form and substance to the Representatives and counsel for the Underwriters.

If any condition specified in this Section 6 is not satisfied when and as required to be satisfied, this Agreement may be terminated by the Representatives by notice from the Representatives to the Company at any time on or prior to the First Closing Date and, with respect to the Optional Shares, at any time on or prior to the applicable Option Closing Date, which termination shall be without liability on the part of any party to any other party, except that Section 4, Section 7, Section 9 and Section 10 shall at all times be effective and shall survive such termination.

Section 7. Reimbursement of Underwriters' Expenses. If this Agreement is terminated by the Representatives pursuant to Section 6, Section 11 or Section 12(i), (iv) or (v), or if the sale to the Underwriters of the Offered Shares on the First Closing Date is not consummated because of any refusal, inability or failure on the part of the Company to perform any agreement herein or to comply with any provision hereof, the Company agrees to reimburse the Representatives and the other Underwriters,

severally, upon demand for all out-of-pocket expenses that shall have been reasonably incurred by the Representatives and the Underwriters in connection with the proposed purchase and the offering and sale of the Offered Shares, including, but not limited to, fees and disbursements of counsel, printing expenses, travel expenses, postage, facsimile and telephone charges; *provided* that, in the event any such termination is effected after the First Closing Date but prior to any Option Closing Date with respect to the purchase of any Optional Shares, the Company shall only reimburse the Underwriters for all of their out-of-pocket expenses, including the reasonable fees and disbursements of counsel for the Underwriters, incurred after the First Closing Date in connection with the proposed purchase of any such Optional Shares. For the avoidance of doubt, it is understood that the Company will not pay or reimburse any costs, fees or expenses incurred by any Underwriter that defaults on its obligations to purchase the Offered Shares.

Section 8. Effectiveness of this Agreement. This Agreement shall become effective upon the execution and delivery hereof by the parties hereto.

Section 9. Indemnification.

(a) **Indemnification of the Underwriters.** The Company agrees to indemnify and hold harmless each Underwriter, its affiliates, directors and officers and each person, if any, who controls such Underwriter within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, from and against any and all losses, claims, damages and liabilities (including, without limitation, reasonable and documented legal fees and other expenses incurred in connection with any suit, action or proceeding or any claim asserted, as such fees and expenses are incurred), joint or several, that arise out of, or are based upon, (i) any untrue statement or alleged untrue statement of a material fact contained in the Registration Statement or caused by any omission or alleged omission to state therein a material fact required to be stated therein or necessary in order to make the statements therein, not misleading, or (ii) any untrue statement or alleged untrue statement of a material fact contained in the Prospectus (or any amendment or supplement thereto), any preliminary prospectus, any free writing prospectus that the Company has filed, or is required to file, pursuant to Rule 433(d) of the Securities Act, any “issuer information” filed or required to be filed pursuant to Rule 433(d) under the Securities Act, any road show as defined in Rule 433(h) under the Securities Act (a “road show”) or any Time of Sale Prospectus (including any Time of Sale Prospectus that has subsequently been amended), or caused by any omission or alleged omission to state therein a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading, in each case except insofar as such losses, claims, damages or liabilities arise out of, or are based upon, any untrue statement or omission or alleged untrue statement or omission made in reliance upon and in conformity with any information relating to any Underwriter furnished to the Company in writing by such Underwriter through the Representatives expressly for use therein, it being understood and agreed that the only such information furnished by any Underwriter consists of the information described as such in paragraph (b) below.

(b) **Indemnification of the Company and its Directors and Officers.** Each Underwriter agrees, severally and not jointly, to indemnify and hold harmless the Company, its directors, its officers who signed the Registration Statement and each person, if any, who controls the Company within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act to the same extent as the indemnity set forth in paragraph (a) above, but only with respect to any losses, claims, damages or liabilities that arise out of, or are based upon, any untrue statement or omission or alleged untrue statement or omission made in reliance upon and in conformity with any information relating to such Underwriter furnished to the Company in writing by such Underwriter through the Representatives expressly for use in the Registration Statement, the Prospectus (or any amendment or supplement thereto), any preliminary prospectus, any free writing prospectus that the Company has filed, or is required to file, pursuant to Rule 433(d) of the Securities Act, any road show or any Time of Sale Prospectus (including any Time of Sale Prospectus that has subsequently been amended), it being understood and agreed upon that the only such information that the Representatives have furnished to the Company expressly for use in the Registration

Statement, any preliminary prospectus, the Time of Sale Prospectus, any free writing prospectus that the Company has filed, or is required to file, pursuant to Rule 433(d) of the Securities Act or the Prospectus (or any amendment or supplement to the foregoing) are the selling and concession figures in the third paragraph and the statements appearing in the eleventh, twelfth and thirteenth paragraphs, each under the caption "Underwriting" in the Final Prospectus Supplement.

(c) **Notifications and Other Indemnification Procedures.** If any suit, action, proceeding (including any governmental or regulatory investigation), claim or demand shall be brought or asserted against any person in respect of which indemnification may be sought pursuant to the preceding paragraphs of this Section 9, such person (the "**Indemnified Person**") shall promptly notify the person against whom such indemnification may be sought (the "**Indemnifying Person**") in writing; provided that the failure to notify the Indemnifying Person shall not relieve it from any liability that it may have under the preceding paragraphs of this Section 9 except to the extent that it has been materially prejudiced (through the forfeiture of substantive rights or defenses) by such failure; and provided, further, that the failure to notify the Indemnifying Person shall not relieve it from any liability that it may have to an Indemnified Person otherwise than under the preceding paragraphs of this Section 9. If any such proceeding shall be brought or asserted against an Indemnified Person and it shall have notified the Indemnifying Person thereof, the Indemnifying Person shall retain counsel reasonably satisfactory to the Indemnified Person (who shall not, without the consent of the Indemnified Person, be counsel to the Indemnifying Person) to represent the Indemnified Person and any others entitled to indemnification pursuant to this Section that the Indemnifying Person may designate in such proceeding and shall pay the reasonable and documented fees and expenses in such proceeding and shall pay the reasonable and documented fees and expenses of such counsel related to such proceeding, as incurred. In any such proceeding, any Indemnified Person shall have the right to retain its own counsel, but the fees and expenses of such counsel shall be at the expense of such Indemnified Person unless (i) the Indemnifying Person and the Indemnified Person shall have mutually agreed to the contrary; (ii) the Indemnifying Person has failed within a reasonable time to retain counsel reasonably satisfactory to the Indemnified Person; (iii) the Indemnified Person shall have reasonably concluded that there may be legal defenses available to it that are different from or in addition to those available to the Indemnifying Person; or (iv) the named parties in any such proceeding (including any impleaded parties) include both the Indemnifying Person and the Indemnified Person and representation of both parties by the same counsel would be inappropriate due to actual or potential differing interests between them. It is understood and agreed that the Indemnifying Person shall not, in connection with any proceeding or related proceeding in the same jurisdiction, be liable for the fees and expenses of more than one separate firm (in addition to any local counsel) for all Indemnified Persons, and that all such reasonable and documented fees and expenses shall be paid or reimbursed as they are incurred. Any such separate firm for any Underwriter, its affiliates, directors and officers and any control persons of such Underwriter shall be designated in writing by the Representatives and any such separate firm for the Company, its directors, its officers who signed the Registration Statement and any control persons of the Company shall be designated in writing by the Company. The Indemnifying Person shall not be liable for any settlement of any proceeding effected without its written consent, but if settled with such consent, the Indemnifying Person agrees to indemnify each Indemnified Person from and against any loss or liability by reason of such settlement. Notwithstanding the foregoing sentence, if at any time an Indemnified Person shall have requested that an Indemnifying Person reimburse the Indemnified Person for reasonable and documented fees and expenses of counsel as contemplated by this paragraph, the Indemnifying Person shall be liable for any settlement of any proceeding effected without its written consent if (i) such settlement is entered into more than 30 days after receipt by the Indemnifying Person of such request and (ii) the Indemnifying Person shall not have reimbursed the Indemnified Person in accordance with such request prior to the date of such settlement. No Indemnifying Person shall, without the written consent of the Indemnified Person, effect any settlement of any pending or threatened proceeding in respect of which any Indemnified Person is or could have been a party and indemnification could have been sought hereunder by such Indemnified Person, unless such settlement (x) includes an unconditional release of such Indemnified Person, in form and substance reasonably satisfactory to such Indemnified Person, from all liability on claims that are the subject matter of such proceeding and (y) does not include any statement as to or any admission of fault, culpability or a failure to act by or on behalf of any Indemnified Person.

Section 10. Contribution.

(a) **Contribution.** If the indemnification provided for in Section 9 above is unavailable to an Indemnified Person or insufficient in respect of any losses, claims, damages or liabilities referred to therein, then each Indemnifying Person under such paragraph, in lieu of indemnifying such Indemnified Person thereunder, shall contribute to the amount paid or payable by such Indemnified Person as a result of such losses, claims, damages or liabilities (i) in such proportion as is appropriate to reflect the relative benefits received by the Company, on the one hand, and the Underwriters on the other, from the offering of the Offered Shares or (ii) if the allocation provided by clause (i) is not permitted by applicable law, in such proportion as is appropriate to reflect not only the relative benefits referred to in clause (i) but also the relative fault of the Company, on the one hand, and the Underwriters on the other, in connection with the statements or omissions that resulted in such losses, claims, damages or liabilities, as well as any other relevant equitable considerations. The relative benefits received by the Company, on the one hand, and the Underwriters on the other, shall be deemed to be in the same respective proportions as the net proceeds (before deducting expenses) received by the Company from the sale of the Offered Shares and the total underwriting discounts and commissions received by the Underwriters in connection therewith, in each case as set forth in the table on the cover of the Prospectus, bear to the aggregate offering price of the Offered Shares. The relative fault of the Company, on the one hand, and the Underwriters on the other, shall be determined by reference to, among other things, whether the untrue or alleged untrue statement of a material fact or the omission or alleged omission to state a material fact relates to information supplied by the Company or by the Underwriters and the parties' relative intent, knowledge, access to information and opportunity to correct or prevent such statement or omission.

(b) **Limitation on Liability.** The Company and the Underwriters agree that it would not be just and equitable if contribution pursuant to paragraph (a) above were determined by pro rata allocation (even if the Underwriters were treated as one entity for such purpose) or by any other method of allocation that does not take account of the equitable considerations referred to in paragraph (a) above. The amount paid or payable by an Indemnified Person as a result of the losses, claims, damages and liabilities referred to in paragraph (a) above shall be deemed to include, subject to the limitations set forth above, any reasonable and documented legal or other expenses incurred by such Indemnified Person in connection with any such action or claim. Notwithstanding the provisions of paragraphs (a) and (b), in no event shall an Underwriter be required to contribute any amount in excess of the amount by which the total underwriting discounts and commissions received by such Underwriter with respect to the offering of the Offered Shares exceeds the amount of any damages that such Underwriter has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission. No person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution from any person who was not guilty of such fraudulent misrepresentation. The Underwriters' obligations to contribute pursuant to paragraphs (a) and (b) are several in proportion to their respective purchase obligations hereunder and not joint.

(c) **Non-Exclusive Remedies.** The remedies provided for in Sections 9 and 10 hereto are not exclusive and shall not limit any rights or remedies which may otherwise be available to any Indemnified Person at law or in equity.

Section 11. Default of One or More of the Several Underwriters. If, on the First Closing Date or any Option Closing Date any one or more of the several Underwriters shall fail or refuse to purchase Offered Shares that it or they have agreed to purchase hereunder on such date, and the aggregate number of Offered Shares which such defaulting Underwriter or Underwriters agreed but failed or refused to purchase does not exceed 10% of the aggregate number of the Offered Shares to be purchased on such date, the Representatives may make arrangements satisfactory to the Company for the purchase of such Offered Shares by other persons, including any of the Underwriters, but if no such arrangements are made by such date, the other Underwriters shall be obligated, severally and not jointly, in the proportions that the number of Firm Shares set forth opposite their respective names on Schedule A bears to the aggregate number of Firm Shares set forth opposite the names of all such non-defaulting Underwriters, or in such other proportions as may be specified by the Representatives with the consent of the non-defaulting Underwriters, to purchase the Offered Shares which such defaulting Underwriter or Underwriters agreed but failed or refused to purchase on such date. If, on the First Closing Date or any Option Closing Date any one or more of the Underwriters shall fail or refuse to purchase Offered Shares and the aggregate number of Offered Shares with respect to which such default occurs exceeds 10% of the aggregate number of Offered Shares to be purchased on such date, and arrangements satisfactory to the Representatives and the Company for the purchase of such Offered Shares are not made within 48 hours after such default, this Agreement shall terminate without liability of any party to any other party except that the provisions of Section 4, Section 7, Section 9 and Section 10 shall at all times be effective and shall survive such termination. In any such case either the Representatives or the Company shall have the right to postpone the First Closing Date or the applicable Option Closing Date, as the case may be, but in no event for longer than seven days in order that the required changes, if any, to the Registration Statement and the Prospectus or any other documents or arrangements may be effected.

As used in this Agreement, the term “**Underwriter**” shall be deemed to include any person substituted for a defaulting Underwriter under this Section 11. Any action taken under this Section 11 shall not relieve any defaulting Underwriter from liability in respect of any default of such Underwriter under this Agreement.

Section 12. Termination of this Agreement. Prior to the purchase of the Firm Shares by the Underwriters on the First Closing Date, this Agreement may be terminated by the Representatives by notice given to the Company if at any time: (i) trading or quotation in any of the Company’s securities shall have been suspended or limited by the Commission or by the Nasdaq, or trading in securities generally on either the Nasdaq or the NYSE shall have been suspended or limited, or minimum or maximum prices shall have been generally established on any of such stock exchanges; (ii) a general banking moratorium shall have been declared by any federal, New York, Delaware, Massachusetts or Singapore authorities; (iii) there shall have occurred any outbreak or escalation of national or international hostilities or any crisis or calamity, or any change in the United States or international financial markets, or any substantial change or development involving a prospective substantial change in United States’ or international political, financial or economic conditions, as in the judgment of the Representatives is material and adverse and makes it impracticable to market the Offered Shares in the manner and on the terms described in the Time of Sale Prospectus or the Prospectus or to enforce contracts for the sale of securities; (iv) in the judgment of the Representatives there shall have occurred any Material Adverse Change; or (v) the Company shall have sustained a loss by strike, fire, flood, earthquake, accident or other calamity, including a health epidemic or pandemic outbreak of infectious disease, of such character as in the judgment of the Representatives may interfere materially with the conduct of the business and operations of the Company regardless of whether or not such loss shall have been insured. Any termination pursuant to this Section 12 shall be without liability on the part of (a) the Company to any Underwriter, except that the Company shall be obligated to reimburse the expenses of the Representatives and the Underwriters pursuant to Section 4 or Section 7 hereof or (b) any Underwriter to the Company; *provided, however*; that the provisions of Section 9 and Section 10 shall at all times be effective and shall survive such termination.

Section 13. No Advisory or Fiduciary Relationship. The Company acknowledges and agrees that (a) the purchase and sale of the Offered Shares pursuant to this Agreement, including the determination of the public offering price of the Offered Shares and any related discounts and commissions, is an arm's-length commercial transaction between the Company, on the one hand, and the several Underwriters, on the other hand, (b) in connection with the offering contemplated hereby and the process leading to such transaction, each Underwriter is and has been acting solely as a principal and is not the agent or fiduciary of the Company, or its security holders, creditors, employees or any other party, (c) no Underwriter has assumed or will assume an advisory or fiduciary responsibility in favor of the Company with respect to the offering contemplated hereby or the process leading thereto (irrespective of whether such Underwriter has advised or is currently advising the Company on other matters) and no Underwriter has any obligation to the Company with respect to the offering contemplated hereby except the obligations expressly set forth in this Agreement, (d) the Underwriters and their respective affiliates may be engaged in a broad range of transactions that involve interests that differ from those of the Company, and (e) the Underwriters have not provided any legal, accounting, regulatory or tax advice with respect to the offering contemplated hereby and the Company has consulted its own legal, accounting, regulatory and tax advisors to the extent it deemed appropriate.

Section 14. Representations and Indemnities to Survive Delivery. The respective indemnities, agreements, representations, warranties and other statements of the Company, of its officers, and of the several Underwriters set forth in or made pursuant to this Agreement will remain in full force and effect, regardless of any investigation made by or on behalf of any Underwriter or the Company or any of its or their partners, officers or directors or any controlling person, as the case may be, and, anything herein to the contrary notwithstanding, will survive delivery of and payment for the Offered Shares sold hereunder and any termination of this Agreement.

Section 15. Notices. All communications hereunder shall be in writing and shall be mailed, hand delivered or telecopied and confirmed to the parties hereto as follows:

If to the Representatives: J.P. Morgan Securities LLC
383 Madison Avenue
New York, New York 10179
Facsimile: (212) 622-8358
Attention: Equity Syndicate Desk

Leerink Partners LLC
1301 Avenue of the Americas
12th Floor
New York, New York 10019
Facsimile: (646) 499-7051
Attention: Stuart Nayman, Esq.

with a copy to: White & Case LLP
1221 Avenue of the Americas
New York, New York 10020
Facsimile: (212) 354-8113
Attention: Jessica Y. Chen, Esq.

If to the Company: Wave Life Sciences Ltd.
733 Concord Ave
Cambridge, Massachusetts 02138
Facsimile: (339) 204-9300
Attention: Paul Bolno

with a copy to:

Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.
One Financial Center
Boston, MA 02111
Facsimile: (617) 542-2241
Attention: John Rudy, Esq.; John Condon, Esq.

Any party hereto may change the address for receipt of communications by giving written notice to the others.

Section 16. Successors. This Agreement will inure to the benefit of and be binding upon the parties hereto, including any substitute Underwriters pursuant to Section 11 hereof, and to the benefit of the affiliates, directors, officers, employees, agents and controlling persons referred to in Section 9 and Section 10, and in each case their respective successors, and personal representatives, and no other person will have any right or obligation hereunder. The term “successors” shall not include any purchaser of the Offered Shares as such from any of the Underwriters merely by reason of such purchase.

Section 17. Partial Unenforceability. The invalidity or unenforceability of any section, paragraph or provision of this Agreement shall not affect the validity or enforceability of any other section, paragraph or provision hereof. If any section, paragraph or provision of this Agreement is for any reason determined to be invalid or unenforceable, there shall be deemed to be made such minor changes (and only such minor changes) as are necessary to make it valid and enforceable.

Section 18. Governing Law Provisions. This Agreement and any claim, controversy or dispute arising under or related to this Agreement shall be governed by and construed in accordance with the internal laws of the State of New York applicable to agreements made and to be performed in such state. Any legal suit, action or proceeding arising out of or based upon this Agreement or the transactions contemplated hereby (“**Related Proceedings**”) may be instituted in the federal courts of the United States of America located in the Borough of Manhattan in the City of New York or the courts of the State of New York in each case located in the Borough of Manhattan in the City of New York (collectively, the “**Specified Courts**”), and each party irrevocably submits to the exclusive jurisdiction (except for proceedings instituted in regard to the enforcement of a judgment of any such court (a “**Related Judgment**”), as to which such jurisdiction is non-exclusive) of such courts in any such suit, action or proceeding. Service of any process, summons, notice or document by mail to such party’s address set forth above shall be effective service of process for any suit, action or other proceeding brought in any such court. The parties irrevocably and unconditionally waive any objection to the laying of venue of any suit, action or other proceeding in the Specified Courts and irrevocably and unconditionally waive and agree not to plead or claim in any such court that any such suit, action or other proceeding brought in any such court has been brought in an inconvenient forum. Each party not located in the United States has irrevocably appointed CT Corporation, which currently maintains a New York City office at 111 Eighth Avenue, 13th floor, New York, NY 10011, United States of America, as its agent to receive service of process or other legal summons for purposes of any such suit, action or proceeding that may be instituted in any state or federal court in the Borough of Manhattan in the City of New York.

With respect to any Related Proceeding, each party irrevocably waives, to the fullest extent permitted by applicable law, all immunity (whether on the basis of sovereignty or otherwise) from jurisdiction, service of process, attachment (both before and after judgment) and execution to which it might otherwise be entitled in the Specified Courts, and with respect to any Related Judgment, each party waives any such immunity in the Specified Courts or any other court of competent jurisdiction, and will not raise or claim or cause to be pleaded any such immunity at or in respect of any such Related Proceeding or Related Judgment, including, without limitation, any immunity pursuant to the United States Foreign Sovereign Immunities Act of 1976, as amended.

Section 19. Recognition of the U.S. Special Resolution Regimes.

(a) In the event that any Underwriter that is a Covered Entity becomes subject to a proceeding under a U.S. Special Resolution Regime, the transfer from such Underwriter of this Agreement, and any interest and obligation in or under this Agreement, will be effective to the same extent as the transfer would be effective under the U.S. Special Resolution Regime if this Agreement, and any such interest and obligation, were governed by the laws of the United States or a state of the United States.

(b) In the event that any Underwriter that is a Covered Entity or a BHC Act Affiliate of such Underwriter becomes subject to a proceeding under a U.S. Special Resolution Regime, Default Rights under this Agreement that may be exercised against such Underwriter are permitted to be exercised to no greater extent than such Default Rights could be exercised under the U.S. Special Resolution Regime if this Agreement were governed by the laws of the United States or a state of the United States.

As used in this Section 19:

“**BHC Act Affiliate**” has the meaning assigned to the term “affiliate” in, and shall be interpreted in accordance with, 12 U.S.C. § 1841(k).

“**Covered Entity**” means any of the following:

- (i) a “covered entity” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 252.82(b);
- (ii) a “covered bank” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 47.3(b); or
- (iii) a “covered FSI” as that term is defined in, and interpreted in accordance with, 12 C.F.R. § 382.2(b).

“**Default Right**” has the meaning assigned to that term in, and shall be interpreted in accordance with, 12 C.F.R. §§ 252.81, 47.2 or 382.1, as applicable.

“**U.S. Special Resolution Regime**” means each of (i) the Federal Deposit Insurance Act and the regulations promulgated thereunder and (ii) Title II of the Dodd-Frank Wall Street Reform and Consumer Protection Act and the regulations promulgated thereunder.

Section 20. Compliance with USA Patriot Act. In accordance with the requirements of the USA Patriot Act, the Underwriters are required to obtain, verify and record information that identifies their respective clients, including the Company, which information may include the name and address of their respective clients, as well as other information that will allow the Underwriters to properly identify their respective clients.

Section 21. Miscellaneous.

(a) **Judgment Currency.** The Company agrees to indemnify each Underwriter, its directors, officers, affiliates and each person, if any, who controls such Underwriter within the meaning of Section 15 of the Securities Act or Section 20 of the Exchange Act, against any loss incurred by such Underwriter as a result of any judgment or order being given or made for any amount due hereunder and such judgment or order being expressed and paid in a currency (the “**judgment currency**”) other than U.S. dollars and as a result of any variation as between (i) the rate of exchange at which the U.S. dollar amount is converted into the judgment currency for the purpose of such judgment or order, and (ii) the rate of exchange at which such indemnified person is able to purchase U.S. dollars with the amount of the judgment currency actually received by the indemnified person. The foregoing indemnity shall constitute a separate and independent obligation of the Company and shall continue in full force and effect notwithstanding any such judgment or order as aforesaid. The term “rate of exchange” shall include any premiums and costs of exchange payable in connection with the purchase of, or conversion into, the relevant currency.

(b) **Waiver of Immunity.** To the extent that the Company has or hereafter may acquire any immunity (sovereign or otherwise) from jurisdiction of any court of (i) the Republic of Singapore, or any political subdivision thereof, (ii) the United States or the State of New York, (iii) any jurisdiction in which it owns or leases property or assets or from any legal process (whether through service of notice, attachment prior to judgment, attachment in aid of execution, execution, set-off or otherwise) with respect to themselves or their respective property and assets or this Agreement, the Company hereby irrevocably waives such immunity in respect of its obligations under this Agreement to the fullest extent permitted by applicable law.

(c) **Waiver of Jury Trial.** Each of the parties hereto hereby waives any right to trial by jury in any suit or proceeding arising out of or relating to this Agreement.

Section 22. General Provisions. This Agreement constitutes the entire agreement of the parties to this Agreement and supersedes all prior written or oral and all contemporaneous oral agreements, understandings and negotiations with respect to the subject matter hereof. This Agreement may be executed in two or more counterparts, each one of which shall be an original, with the same effect as if the signatures thereto and hereto were upon the same instrument. This Agreement may not be amended or modified unless in writing by all of the parties hereto, and no condition herein (express or implied) may be waived unless waived in writing by each party whom the condition is meant to benefit. The section headings herein are for the convenience of the parties only and shall not affect the construction or interpretation of this Agreement.

Each of the parties hereto acknowledges that it is a sophisticated business person who was adequately represented by counsel during negotiations regarding the provisions hereof, including, without limitation, the indemnification provisions of Section 9 and the contribution provisions of Section 10, and is fully informed regarding said provisions. Each of the parties hereto further acknowledges that the provisions of Section 9 and Section 10 hereof fairly allocate the risks in light of the ability of the parties to investigate the Company, its affairs and its business in order to assure that adequate disclosure has been made in the Registration Statement, any preliminary prospectus, the Time of Sale Prospectus, each free writing prospectus and the Prospectus (and any amendments and supplements to the foregoing), as contemplated by the Securities Act and the Exchange Act.

[signature pages follow]

If the foregoing is in accordance with your understanding of our agreement, kindly sign and return to the Company the enclosed copies hereof, whereupon this instrument, along with all counterparts hereof, shall become a binding agreement in accordance with its terms.

Very truly yours,

WAVE LIFE SCIENCES LTD.

By: /s/ Paul B. Bolno, M.D.

Name: Paul B. Bolno, M.D.

Title: President and Chief Executive Officer

[Signature Page to Underwriting Agreement]

The foregoing Underwriting Agreement is hereby confirmed and accepted by the Representatives in New York, New York as of the date first above written.

**J.P. MORGAN SECURITIES LLC
LEERINK PARTNERS LLC**

Acting individually and as Representatives of the several
Underwriters named in the attached Schedule A

J.P. MORGAN SECURITIES LLC

By: /s/ David Ke

Name: David Ke

Title: Managing Director

LEERINK PARTNERS LLC

By: /s/ Dan Dubin, M.D.

Name: Dan Dubin, M.D.

Title: Vice Chairman, Global Co-Head of Investment
Banking

[Signature Page to Underwriting Agreement]

Schedule A

Underwriters	Number of Firm Shares to be Purchased	Number of Optional Shares to be Purchased
J.P. Morgan Securities LLC	8,000,000	1,200,000
Leerink Partners LLC	5,000,000	750,000
Mizuho Securities USA LLC	2,500,000	375,000
Truist Securities, Inc.	2,500,000	375,000
H.C. Wainwright & Co., LLC	1,000,000	150,000
Raymond James & Associates, Inc.	1,000,000	150,000
Total	20,000,000	3,000,000

Free Writing Prospectuses Included in the Time of Sale Prospectus

None.

Pricing Information Included in the Time of Sale Prospectus

Price per Offered Share to the Public:	\$ 5.00
Number of Firm Shares:	20,000,000
Number of Optional Shares:	3,000,000

Form of Lock-up Agreement

December ___, 2023

J.P. Morgan Securities LLC
Leerink Partners LLC
As Representatives of the Several Underwriters

c/o J.P. MORGAN SECURITIES LLC
383 Madison Avenue
New York, New York 10179

c/o LEERINK PARTNERS LLC
53 State Street, 40th Floor
Boston, Massachusetts 02109

RE: Wave Life Sciences Ltd. (the “**Company**”)

Ladies and Gentlemen:

The undersigned is an owner of the Company’s ordinary shares, no par value (“**Shares**”), or of securities convertible into or exchangeable or exercisable for Shares. The Company proposes to conduct a public offering (the “**Offering**”) of Shares (the “**Offered Shares**”) for which J.P. Morgan Securities LLC and Leerink Partners LLC (together, the “**Representatives**”) will act as the representatives of the several underwriters (the “**Underwriters**”). The undersigned recognizes that the Offering will benefit each of the Company and the undersigned. The undersigned acknowledges that the Underwriters are relying on the representations and agreements of the undersigned contained in this letter agreement in conducting the Offering and, at a subsequent date, in entering into an underwriting agreement (the “**Underwriting Agreement**”) and other underwriting arrangements with the Company with respect to the Offering.

Annex A sets forth definitions for capitalized terms used in this letter agreement that are not defined in the body of this letter agreement. Those definitions are a part of this letter agreement.

In consideration of the foregoing, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby agrees that, during the Lock-up Period, the undersigned will not (and will cause any Family Member not to), subject to the exceptions set forth in this letter agreement, without the prior written consent of the Representatives, which may withhold their consent in their sole discretion:

- Sell or Offer to Sell any Shares or Related Securities currently or hereafter owned either of record or beneficially (as defined in Rule 13d-3 under the Exchange Act) by the undersigned or such Family Member,
- enter into any Swap,
- make any demand for, or exercise any right with respect to, the registration under the Securities Act of the offer and sale of any Shares or Related Securities, or cause to be filed a registration statement, prospectus or prospectus supplement (or an amendment or supplement thereto) with respect to any such registration, or
- publicly announce any intention to do any of the foregoing.

The foregoing will not apply to the registration of the offer and sale of the Offered Shares, and the sale of the Offered Shares to the Underwriters, in each case as contemplated by the Underwriting Agreement. In addition, the foregoing restrictions shall not apply to:

- (i) transactions relating to Shares or other securities acquired in (x) the Offering from the Underwriters (other than any Company directed Offered Shares purchased in the Offering by an officer or director of the Company) and (y) open market transactions after the completion of the Offering, *provided* that no public announcement and no filing under Section 16(a) of the Exchange Act or other regulatory authority in respect thereof will be required or will be voluntarily made during the Lock-up Period in connection with subsequent sales of Shares or other securities acquired in the Offering or such open market transactions during the Lock-up Period;
- (ii) transfers of Shares or Related Securities as a bona fide gift or charitable contribution;
- (iii) (x) distributions of Shares or Related Securities to limited partners, members, stockholders or holders of similar equity interests in the undersigned and (y) transfers or disposition of the undersigned's Shares or Related Securities to any corporation, partnership, limited liability company or other legal entity all of the beneficial ownership interests of which are held by the undersigned or any Family Member in a transaction not involving a disposition for value;
- (iv) transfers of Shares or Related Securities by will or intestacy or to any Family Member or to a trust whose beneficiaries consist exclusively of one or more of the undersigned and/or a Family Member;
- (v) transfers of Shares pursuant to a domestic order or negotiated divorce settlement;
- (vi) the exercise of a stock option granted under a stock incentive plan described in the Prospectus by the undersigned, and the receipt by the undersigned from the Company of Shares upon such exercise, insofar as such option is outstanding as of the date of the Prospectus, *provided* that the underlying Shares shall continue to be subject to the restrictions on transfer set forth in this letter agreement and *provided, further* that, if required, any public report or filing under Section 16 of the Exchange Act shall clearly indicate in the footnotes thereto that the filing relates to the exercise of a stock option, that no Shares were sold by the reporting person and that Shares received upon exercise of the stock option are subject to this letter agreement with the Underwriters;
- (vii) the disposition of Shares to the Company, or the withholding of Shares by the Company, in a transaction exempt from Section 16(b) of the Exchange Act solely in connection with the payment of taxes due with respect to the vesting of restricted stock units granted under a stock incentive plan or pursuant to a contractual employment arrangement described in the Prospectus, insofar as such restricted stock unit is outstanding as of the date of the Prospectus, *provided* that no filing under Section 16(a) of the Exchange Act shall be required or shall be voluntarily made during the Lock-up Period;
- (viii) transfers to the Company in connection with the repurchase of Shares in connection with the termination of the undersigned's employment with the Company pursuant to contractual agreements with the Company as in effect as of the date of the Prospectus, *provided* that no filing under Section 16(a) of the Exchange Act shall be required or shall be voluntarily made during the Lock-up Period;

- (ix) the establishment of a trading plan and/or other written instruction pursuant to Rule 10b5-1 under the Exchange Act (a “**Plan**”) for the transfer of Shares, *provided* that (a) such Plan does not provide for the transfer of Shares during the Lock-up Period and (b) the entry into such Plan is not publicly disclosed, including in any filings under the Exchange Act, during the Lock-up Period, except as required under applicable securities laws, in which case, any public announcement or filing under the Exchange Act made by any person regarding the establishment of such plan during the Lock-up Period shall include a statement that the undersigned is not permitted to transfer, sell or otherwise dispose of Shares under such plan during the Lock-up Period in contravention of this letter agreement;
- (x) if the undersigned is an individual, sales pursuant to a Plan established before the date of the Prospectus; *provided*, that any filing made under the Exchange Act in connection with such a sale shall disclose that the sale was made pursuant to a Plan entered into on a date before the date of the Prospectus; or
- (xi) pursuant to a bona fide third party tender offer for all outstanding Shares of the Company, merger, consolidation or other similar transaction made to all holders of the Company’s securities involving a “change of control” (as defined below) of the Company (including, without limitation, the entering into any lock-up, voting or similar agreement pursuant to which the undersigned may agree to transfer, sell, tender or otherwise dispose of Shares or other such securities in connection with such transaction, or vote any Shares or other such securities in favor of any such transaction), *provided* that in the event that such tender offer, merger, consolidation or other such transaction is not completed, such securities held by the undersigned shall remain subject to the provisions of this letter agreement. For purposes hereof, “change of control” shall mean the transfer (whether by tender offer, merger, consolidation or other similar transaction), in one transaction or a series of related transactions, to a person or group of affiliated persons, of Shares if, after such transfer, such person or group of affiliated persons would hold at least a majority of the outstanding voting securities of the Company (or the surviving entity);

provided however, that (A) in the case of any transfer or distribution pursuant to clause (ii), (iii), (iv) and (v), it shall be a condition to such transfer that such transfer shall not involve a disposition for value and each donee, transferee or distributee executes and delivers to the Representatives an agreement in form and substance satisfactory to the Representatives stating that such donee, transferee or distributee is receiving and holding such Shares and/or Related Securities subject to the provisions of this letter agreement and agrees not to Sell or Offer to Sell such Shares and/or Related Securities, engage in any Swap or engage in any other activities restricted under this letter agreement except in accordance with this letter agreement (as if such donee, transferee or distributee had been an original signatory hereto); and (B) in the case of any transfer or distribution pursuant to clause (iii), (iv) and (v), prior to the expiration of the Lock-up Period, no public disclosure or filing under the Exchange Act by any party to the transfer (donor, donee, transferor, transferee, distributor or distributee) shall be required, or made voluntarily (other than any such disclosure required to be made by applicable law or regulation, including, without limitation, one or more filings on Form 4, Form 5, Schedule 13G or Schedule 13D, in each case, in accordance with applicable law and made after the expiration of the Lock-up Period).

If the undersigned is an officer or director of the Company, the undersigned further agrees that the foregoing provisions shall be equally applicable to any Company-directed Offered Shares the undersigned may purchase or otherwise receive in the Offering (including pursuant to a directed share program).

The undersigned also agrees and consents to the entry of stop transfer instructions with the Company's transfer agent and registrar against the transfer of Shares or Related Securities held by the undersigned and the undersigned's Family Members, if any, except in compliance with the foregoing restrictions.

The undersigned acknowledges and agrees that the Underwriters have not provided any recommendation or investment advice nor have the Underwriters solicited any action from the undersigned with respect to the Offering of the Offered Shares (as defined in the Underwriting Agreement), and the undersigned has consulted their own legal, accounting, financial, regulatory and tax advisors to the extent deemed appropriate. The undersigned further acknowledges and agrees that, although the Representatives may be required or choose to provide certain Regulation Best Interest and Form CRS disclosures to you in connection with the Offering, the Representatives and the other Underwriters are not making a recommendation to you to enter into this letter agreement, and nothing set forth in such disclosures is intended to suggest that the Representatives or any Underwriter is making such a recommendation.

With respect to the Offering only, the undersigned waives any registration rights relating to registration under the Securities Act of the offer and sale of any Shares and/or any Related Securities owned either of record or beneficially by the undersigned, including any rights to receive notice of the Offering.

The undersigned confirms that the undersigned has not, and has no knowledge that any Family Member has, directly or indirectly, taken any action designed to or that might reasonably be expected to cause or result in the stabilization or manipulation of the price of any security of the Company to facilitate the sale of the Shares. The undersigned will not, and will cause any Family Member not to take, directly or indirectly, any such action.

Whether or not the Offering occurs as currently contemplated or at all depends on market conditions and other factors. The Offering will only be made pursuant to the Underwriting Agreement, the terms of which are subject to negotiation between the Company and the Representatives.

The undersigned hereby represents and warrants that the undersigned has full power, capacity and authority to enter into this letter agreement. This letter agreement is irrevocable and will be binding on the undersigned and the successors, heirs, personal representatives and assigns of the undersigned.

This letter agreement and any claim, controversy or dispute arising under or related to this letter agreement shall be governed by, and construed in accordance with, the laws of the State of New York.

If (i) the Company notifies the Representatives in writing that it does not intend to proceed with the Offering, (ii) the Underwriting Agreement is not executed before December 31, 2023 or (iii) the Underwriting Agreement (other than the provisions thereof that survive termination) terminates or is terminated prior to payment for and delivery of the Offered Shares (as defined in the Underwriting Agreement), then in each case, this letter agreement shall automatically, and without any action on the part of any other party, terminate and be of no further force and effect, and the undersigned shall automatically be released from the obligations under this letter agreement.

[Signature page follows]

Signature

Printed Name of Person Signing

*(Indicate capacity of person signing if signing as custodian
or trustee, or on behalf of an entity)*

**Certain Defined Terms
Used in Lock-up Agreement**

For purposes of the letter agreement to which this Annex A is attached and of which it is made a part:

- “**Call Equivalent Position**” shall have the meaning set forth in Rule 16a-1(b) under the Exchange Act.
- “**Exchange Act**” shall mean the Securities Exchange Act of 1934, as amended.
- “**Family Member**” shall mean the spouse of the undersigned, an immediate family member of the undersigned or an immediate family member of the undersigned’s spouse, in each case living in the undersigned’s household or whose principal residence is the undersigned’s household (regardless of whether such spouse or family member may at the time be living elsewhere due to educational activities, health care treatment, military service, temporary internship or employment or otherwise). “**Immediate family member**” as used above shall have the meaning set forth in Rule 16a-1(e) under the Exchange Act.
- “**Lock-up Period**” shall mean the period beginning on the date hereof and continuing through the close of trading on the date that is 90 days after the date of the Prospectus (as defined in the Underwriting Agreement).
- “**Put Equivalent Position**” shall have the meaning set forth in Rule 16a-1(h) under the Exchange Act.
- “**Related Securities**” shall mean any options, contracts or warrants or other rights to acquire Shares or any securities exchangeable or exercisable for or convertible into Shares (including, without limitation, Shares or such other securities of the Company which may be deemed to be beneficially owned by the undersigned in accordance with the rules and regulations of the Commission and securities of the Company which may be issued upon exercise of a stock option or warrant), or to acquire other securities or rights ultimately exchangeable or exercisable for or convertible into Shares (including, without limitation, Shares or such other securities of the Company which may be deemed to be beneficially owned by the undersigned in accordance with the rules and regulations of the Commission and securities of the Company which may be issued upon exercise of a stock option or warrant).
- “**Securities Act**” shall mean the Securities Act of 1933, as amended.
- “**Sell or Offer to Sell**” shall mean to:
 - sell, offer to sell, contract to sell or lend,
 - effect any short sale or establish or increase a Put Equivalent Position or liquidate or decrease any Call Equivalent Position
 - pledge, hypothecate or grant any security interest in, or
 - in any other way transfer or dispose of,

in each case whether effected directly or indirectly.

-
- “**Swap**” shall mean any swap, hedge or similar arrangement or agreement that transfers, in whole or in part, any of the economic risk of ownership of Shares or Related Securities, regardless of whether any such transaction is to be settled in securities, in cash or otherwise.

Capitalized terms not defined in this Annex A shall have the meanings given to them in the body of this letter agreement.

Directors and Executive Officers
Signing Lock-up Agreement

Directors:

Paul B. Bolno

Christian Henry

Peter Kolchinsky

Adrian Rawcliffe

Ken Takanashi

Gregory L. Verdine

Heidi L. Wagner

Mark H. N. Corrigan

Aik Na Tan

Executive Officers:

Christopher Francis

Kyle Moran

Chandra Vargeese



WongPartnership LLP
 12 Marina Boulevard Level 28
 Marina Bay Financial Centre Tower 3
 Singapore 018982
 T +65 6416 8000

wongpartnership.com

ASEAN | CHINA | MIDDLE EAST

FROM
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Date: 7 December 2023

The Board of Directors
 Wave Life Sciences Ltd.
 c/o 733 Concord Avenue
 Cambridge, MA 02138
 United States of America

Dear Sirs

WAVE LIFE SCIENCES LTD. (THE “COMPANY”) – PROSPECTUS SUPPLEMENT FILED BY THE COMPANY WITH THE UNITED STATES SECURITIES AND EXCHANGE COMMISSION (THE “COMMISSION”) PURSUANT TO RULE 424(B) UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE “ACT”), IN RESPECT OF THE ISSUANCE AND SALE OF UP TO 23,000,000 ORDINARY SHARES, NO PAR VALUE (THE “OFFERING SHARES”), IN THE ISSUED AND PAID-UP CAPITAL OF THE COMPANY (THE “OFFERING”)

A. Introduction

1. We have acted as legal advisers to the Company, a company incorporated under the laws of Singapore, as to Singapore law in connection with the Offering. The Offering Shares are to be offered and sold by the Company pursuant to a prospectus supplement (the “**Prospectus Supplement**”) filed by the Company with the Commission on or about the date hereof that forms a part of the Company’s registration statement on Form S-3 (File No. 333-263251) that was filed with the Commission on 3 March 2022 (the “**Registration Statement**”). The Registration Statement was declared effective under the Act on 4 May 2022.
2. We do not express nor imply any opinion with respect to the effect of any law other than the laws of Singapore as of the date of this opinion, and have made no investigation of any other laws which may be relevant to the documents submitted to us or opinions given by us, nor do we express or imply any opinion on matters relating to tax. This opinion is to be governed by and construed in accordance with the laws of Singapore as applied by the courts of Singapore as of the date of this opinion. We are not obliged to update this opinion to reflect, or notify any addressee of this opinion or any other person of, any legal or legislative developments, or other changes to law or fact, arising after the date of this opinion. We have taken instructions solely from the Company.
3. In respect of the Underwriting Agreement (as defined below), the Registration Statement and the Prospectus Supplement, we have assumed due compliance with all matters concerning the laws of the United States of America and all other relevant jurisdictions (other than in Singapore in respect of the matters set out in paragraph 7 of this opinion).

WongPartnership LLP (UEN: T08LL0003B) is a limited liability law partnership registered in Singapore under the Limited Liability Partnerships Act 2005.



B. Documents

4. In rendering the opinions set out below, we have examined:
 - 4.1. an electronic copy (in Portable Document Format) of the executed underwriting agreement dated 6 December 2023 among the Company and J.P. Morgan Securities LLC and Leerink Partners LLC, as representatives of the several underwriters named therein (the "**Underwriting Agreement**");
 - 4.2. an electronic copy (in Portable Document Format) of the Registration Statement and the Prospectus Supplement;
 - 4.3. an electronic copy (in Portable Document Format) of the certificate confirming incorporation of the Company dated 24 July 2012 issued by the Accounting and Corporate Regulatory Authority of Singapore ("**ACRA**");
 - 4.4. an electronic copy (in Portable Document Format) of the certificate confirming incorporation upon conversion of the Company dated 6 November 2015 issued by ACRA confirming the Company's conversion to a public company;
 - 4.5. an electronic copy (in Portable Document Format) of the constitution of the Company, as amended on 9 November 2015 (the "**Constitutive Documents**");
 - 4.6. an electronic copy (in Portable Document Format) of the minutes dated 1 August 2023 of the annual general meeting of the Company held on 1 August 2023 (the "**Shareholders' Resolutions**");
 - 4.7. electronic copies (in Portable Document Format) of the resolutions in writing of the Board of Directors of the Company (the "**Board**") dated 1 March 2022 and the minutes of a meeting of the Board held on 20 September 2023 (the "**Board Resolutions**");
 - 4.8. an electronic copy (in Portable Document Format) of the minutes dated 6 December 2023 of a meeting of the pricing committee of the Board (established by the Board in connection with the Offering) held on 6 December 2023 (the "**Pricing Committee Resolutions**" and, together with the Shareholders' Resolutions and the Board Resolutions, the "**Resolutions**"); and
 - 4.9. such other documents as we may have considered necessary or desirable to examine in order that we may render this opinion.
5. This opinion is being rendered to you in connection with the filing of the Prospectus Supplement. Except as expressly provided in paragraph 7 of this opinion, we express no opinion whatsoever with respect to any document described in paragraph 4 of this opinion.

C. Assumptions

6. We have assumed (without enquiry and with your consent):
 - 6.1. that each of the parties to the Underwriting Agreement (other than the Company) has been duly incorporated, established or constituted, and is validly existing under the laws of its jurisdiction of incorporation, establishment or constitution, as the case may be;

- 6.2. all signatures (including without limitation marks or text purporting to be signatures) (whether electronic or otherwise) on all documents submitted or made available to us (a) are genuine and authentic, (b) have not been altered or tampered with in any way, and (c) are in compliance with the constitutive documents of the parties (if a company) and where applicable, the Electronic Transactions Act 2010 of Singapore, and that each such signature is that of a person duly authorised to affix the same and execute the relevant documents in the manner it was executed, and, where a document was signed by electronic signature or purported to be signed in that manner, was affixed at the direction of (or provided by) such person, the authenticity of all documents submitted or made available to us as originals, and the completeness and the conformity to original documents of all copies submitted or made available to us;
- 6.3. that each of the documents submitted or made available to us for examination is true, complete and up-to-date and has not been revoked, repudiated, terminated or amended or superseded, and all representations, warranties, assumptions and factual statements contained in all documents listed in paragraph 4 are true and accurate;
- 6.4. that the Resolutions were:
 - (a) duly passed at properly convened meetings of duly appointed directors or the shareholders of the Company, or a duly constituted committee of the Board, or as the case may be, duly passed in the form of circulating resolutions in writing, in accordance with the provisions of the Constitutive Documents; and
 - (b) duly passed in accordance with the provisions of the Companies Act 1967 of Singapore (the “**Companies Act**”), where applicable;
- 6.5. that the approvals conferred by the copies of the Resolutions submitted to us have not been revoked, rescinded, superseded or amended and are in full force and effect, and that no other resolution or other action has been passed or taken which could affect the validity of any or all of the Resolutions;
- 6.6. that the directors of the Company:
 - (a) have been duly appointed in accordance with the provisions of the Companies Act and the constitution of the Company in force at that time;
 - (b) have acted and will act in good faith and in the best interests of the Company in approving the preparation, execution and filing of the Registration Statement and the Prospectus Supplement with the Commission, the entry into the transactions contemplated in the Prospectus Supplement, and the execution of, and the entry into, the Underwriting Agreement, and without intention to defraud any of the creditors of the Company; and
 - (c) have each disclosed and will disclose any interest which he may have in the transactions contemplated in the Registration Statement, the Prospectus Supplement and the Underwriting Agreement in accordance with the provisions of the Companies Act and the Constitutive Documents and none of the directors of the Company has or will have any interest in such transactions except to the extent permitted by the Companies Act and the Constitutive Documents;
- 6.7. that all relevant documents have been provided to us by the officers of the Company for inspection for the purposes of this opinion;
- 6.8. that the Offering Shares to be issued in connection with the Offering will be duly registered in the names of the persons who subscribe for or purchase the Offering Shares in the Register of Members of the Company, or in the name of Cede & Co., a partnership organised pursuant to the laws of the State of New York, in the United States of America, as nominee of the Depository Trust Company, as the case may be, and that the certificates for the Offering Shares will be duly issued and delivered;

6.9. that:

- (a) the results of the electronic instant information search made by us on 7 December 2023 at 9.37 a.m. (Singapore time) of the public records of the Company maintained by ACRA at <https://www.acra.gov.sg> (the "**ACRA Search**") at ACRA; and
- (b) the results of the electronic searches made by us on 7 December 2023 at 9.34 a.m. (Singapore time) for the period of 1 January 2020 to 7 December 2023 (as at 9.34 a.m.) (both dates inclusive) of: (i) the Company, obtained from the search modules Insolvency (including Judicial Management) (Supreme Court), Appeals Cases (Supreme Court), Appeals Cases (State Courts), Civil Cases (Supreme Court), Civil Cases (State Courts), Enforcement (Supreme Court) and Enforcement (State Courts), and (ii) the directors of the Company, obtained from the search module Bankruptcy (Supreme Court), of the Cause Book Search function of the eLitigation system at <https://www.elitigation.sg> (the "**Court Searches**"); and
- (c) the results of the corporate insolvency search made by us on 7 December 2023 at 9.54 a.m. (Singapore time) on the Company with the Insolvency Office of the Ministry of Law in the Republic of Singapore (the "**Corporate Insolvency Search**"),

are true, complete and accurate, and remain correct up to the date of this opinion and that;

- (d) such information has not since the relevant time on which the ACRA Search, Court Searches or Corporate Insolvency Search, as the case may be, were conducted, been altered; and
 - (e) the ACRA Search, Court Searches and Corporate Insolvency Search, as the case may be, did not fail to disclose any information which has been lodged, registered or filed but did not appear on the public records available for such electronic searches at the time of such searches, and all matters which ought to have been lodged, registered, or filed with ACRA, the relevant court or the Insolvency Office of the Ministry of Law in the Republic of Singapore, as the case may be, have been duly lodged, registered or filed;
- 6.10. that no law (including, without limitation, any public policy) of any jurisdiction outside Singapore is relevant to or affects the opinions expressed or conclusions stated in this opinion;
- 6.11. that the Underwriting Agreement constitutes legal, valid, binding and enforceable obligations of the parties thereto for all purposes under the laws of all relevant jurisdictions;
- 6.12. that there are no agreements, documents, arrangements or transactions to which the Company is a party that may in any way prohibit or restrict the issue of the Offering Shares;
- 6.13. that the Offering Shares will be duly offered, sold and delivered in accordance with the terms of the Registration Statement, the Prospectus Supplement and the Underwriting Agreement;
- 6.14. the Constitutive Documents will not be amended in a manner that would have the effect of rendering any of our opinions in paragraph 7 inaccurate;

- 6.15. that no foreign law is relevant to or affects the opinions expressed, or conclusions stated in this opinion, and none of the opinions expressed herein will be affected by the laws (including, without limitation, the public policy) of any jurisdiction outside Singapore, and insofar as the laws of any jurisdiction outside Singapore may be relevant, such laws have been or will be complied with; and
- 6.16. that none of the Registration Statement, the Prospectus Supplement and the Underwriting Agreement nor any of the transactions contemplated respectively thereunder constitutes or will constitute a sham.

D. Opinion

7. Based on the foregoing, and subject to the assumptions, limitations and qualifications set forth herein and having regard to such legal considerations as we have deemed relevant and subject to any matters not disclosed to us, we are of the opinion that the Offering Shares, when issued and delivered by the Company in accordance with the Constitutive Documents and the terms of the Underwriting Agreement, and pursuant to the laws of Singapore against payment of the aggregate offering price of the Offering Shares as set forth in the Underwriting Agreement, will be validly issued, fully paid and non-assessable.

E. Qualifications

8. This opinion is subject to the following qualifications:
 - 8.1. for the purposes of this opinion, we have assumed that the term “**non-assessable**” (a term which has no recognised meaning under the laws of Singapore) in relation to the Offering Shares means that holders of such shares, having fully paid up all amounts due on such shares, are under no further personal liability to make payments to the Company or its creditors or contribute to the assets or liabilities of the Company in their capacities purely as holders of such shares;
 - 8.2. we have not investigated or verified the accuracy or completeness of the facts and information, including any statements of foreign law, or the reasonableness of any assumptions, statements of opinion or intention, contained in the Underwriting Agreement and the documents referred to in paragraph 4 of this opinion. We do not express any opinion as to any matters of fact generally, including statements of foreign law, or the reasonableness of any statements of opinion, contained in the documents described in paragraph 4. In addition, we are not responsible for investigating or verifying whether any material fact has been omitted from such documents;
 - 8.3. for the ACRA Search, the Court Searches and the Corporate Insolvency Search, we have relied on electronic searches of publicly available records and the records disclosed by such searches may not be complete or up-to-date;
 - 8.4. we express no opinion as to the validity, binding effect or enforceability of any provision in the Underwriting Agreement or, as to the availability in Singapore of remedies which are available in our jurisdictions; and
 - 8.5. this opinion is strictly limited to matters stated in this opinion and is not to be construed as extending (by implication or otherwise) to all the documents listed in paragraph 4 of this opinion, or to any other matter or document in connection with, referred to, contemplated by or incorporated by reference, in such documents.

9. With respect to matters of fact material to this opinion, we have relied on the statements of the responsible officers of the Company.
10. We hereby consent to the use of our opinion as herein set forth as an exhibit to the current report on Form 8-K (the "**Current Report on Form 8-K**") and to the use of our name under the caption "Legal Matters" in the Prospectus Supplement. In giving this consent, we do not hereby admit and shall not be deemed to admit that we come within the category of persons whose consent is required under Sections 7 and 11 of the Act or to the rules and regulations of the Commission thereunder.
11. This opinion is only for the benefit of the person to whom it is addressed, subject to the condition that such person accepts and acknowledges that this opinion may not be appropriate or sufficient for such person's purposes, and is strictly limited to the matters stated in this opinion and is not to be read as extended by implication to any other matter in connection with the Offering, the Registration Statement, the Prospectus Supplement, the Underwriting Agreement or otherwise. Further, except for the filing of this opinion with the Commission as an exhibit to the Current Report on Form 8-K, this opinion is not to be circulated or disclosed to, or relied upon by, any other person (other than persons entitled to rely on it pursuant to applicable provisions of federal securities law in the United States of America, if any), nor is it to be used or relied upon for any other purpose, or quoted or referred to in any public document or filed with any governmental body or agency without our prior written consent.

Yours faithfully

/s/ WongPartnership LLP

WONGPARTNERSHIP LLP

Wave Life Sciences Prices \$100 Million Public Offering of Ordinary Shares

CAMBRIDGE, Mass., December 7, 2023 – Wave Life Sciences Ltd. (Nasdaq: WVE), a clinical-stage RNA medicines company committed to delivering life-changing treatments for people battling devastating diseases, announced today the pricing of its previously announced underwritten public offering of 20,000,000 of its ordinary shares at a price to the public of \$5.00 per ordinary share. Gross proceeds to Wave Life Sciences from the offering are expected to be approximately \$100 million, before deducting underwriting discounts and commissions and offering expenses. All of the ordinary shares in the offering are being sold by Wave Life Sciences. In addition, Wave Life Sciences has granted the underwriters a 30-day option to purchase up to an additional 3,000,000 of its ordinary shares on the same terms and conditions. The offering is expected to close on or about December 11, 2023, subject to customary closing conditions.

J.P. Morgan and Leerink Partners are acting as joint book-running managers for the offering. Mizuho and Truist Securities are acting as book-runners and H.C. Wainwright & Co. and Raymond James are acting as co-managers for the offering.

The offering is being made only by means of a prospectus and related prospectus supplement forming part of a shelf registration statement that was previously filed with and declared effective by the Securities and Exchange Commission (“SEC”). The preliminary prospectus supplement and accompanying base prospectus relating to the offering were filed with the SEC on December 6, 2023. The final prospectus supplement and the accompanying prospectus will be filed with the SEC and will be available on the SEC’s website located at <http://www.sec.gov>, copies of which may be obtained, when available, from J.P. Morgan Securities LLC, c/o Broadridge Financial Solutions, 1155 Long Island Avenue, Edgewood, NY 11717, by telephone at (866) 803-9204, or by email at prospectus-req_fi@jpmchase.com; or from Leerink Partners LLC, Syndicate Department, 53 State Street, 40th Floor, Boston, MA 02109, or by telephone at (800) 808-7525, ext. 6105, or by email at syndicate@leerink.com.

This press release shall not constitute an offer to sell, or a solicitation of an offer to buy, nor will there be any sale of these securities in any state or other jurisdiction in which such an offer, solicitation or sale would be unlawful prior to the registration or qualification under the securities laws of any such state or other jurisdiction.

About Wave Life Sciences

Wave Life Sciences (Nasdaq: WVE) is a clinical-stage RNA medicines company committed to delivering life-changing treatments for people battling devastating diseases. Wave aspires to develop best-in-class medicines across multiple therapeutic modalities using PRISM, the company’s proprietary discovery and drug development platform that enables the precise design, optimization and production of stereopure oligonucleotides. Driven by a resolute sense of urgency, the Wave team is targeting a broad range of genetically defined diseases so that patients and families may realize a brighter future.

Forward-Looking Statements

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, as amended. The words “may,” “will,” “could,” “would,” “should,” “expect,” “plan,” “anticipate,” “intend,” “believe,” “estimate,” “predict,” “project,” “potential,” “continue,” “target” and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Forward-looking statements include statements regarding the closing of the public offering of ordinary shares. These statements are subject to various risks and uncertainties, actual results could differ materially from those projected and Wave cautions investors not to place undue reliance on the forward-looking statements in this press release. These risks and uncertainties include, without limitation, risks and uncertainties related to satisfaction of customary closing conditions related to the public offering. There can be no assurance that Wave will be able to complete the public offering on the anticipated terms, or at all. Any forward-looking statements in this press release are based on management’s current expectations and beliefs and are subject to a number of risks, uncertainties and important factors that may cause actual events or results to differ materially from those expressed or implied by any forward-looking statements contained in this press release, including, without limitation, the risks and uncertainties described in the section entitled “Risk Factors” in Wave’s preliminary

prospectus supplement related to the proposed offering filed with the SEC on December 6, 2023 and Wave's most recent Annual Report on Form 10-K filed with the SEC, as amended, and in other filings Wave makes with the SEC from time to time. Wave undertakes no obligation to update the information contained in this press release to reflect subsequently occurring events or circumstances.

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