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

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**AMENDMENT NO. 1  
TO  
FORM S-3  
REGISTRATION STATEMENT  
UNDER  
THE SECURITIES ACT OF 1933**

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**WAVE LIFE SCIENCES LTD.**

(Exact name of registrant as specified in its charter)

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**Singapore**  
(State or other jurisdiction of  
incorporation or organization)

**Not applicable**  
(I.R.S. Employer  
Identification No.)

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**8 Cross Street #10-00, PWC Building  
Singapore 048424  
+65 6236 3388**

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

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**CT Corporation  
155 Federal Street, Suite 700  
Boston, Massachusetts 02110  
(617) 757-6400**

(Name, address, including zip code, and telephone number, including area code, of agent for service)

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*Copies to:*

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Cambridge, MA 02138  
(617) 949-2900**

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**Approximate date of commencement of proposed sale to the public:** From time to time after the effective date of this registration statement as determined by the registrant.

If the only securities being registered on this Form are being offered pursuant to dividend or interest reinvestment plans, please check the following box:

If any of the securities being registered on this Form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, check the following box:

If this Form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering.

If this Form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

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If this Form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer  Accelerated filer   
Non-accelerated filer  (Do not check if a smaller reporting company) Smaller reporting company

### CALCULATION OF REGISTRATION FEE

Title of Each Class of Securities to be Registered	Amount to be Registered	Proposed Maximum Offering Price per Unit	Proposed Maximum Aggregate Offering Price	Amount of Registration Fee(1)
Ordinary Shares, no par value	(2)	(3)	(3)	—
Debt Securities	(2)	(3)	(3)	—
Warrants	(2)	(3)	(3)	—
Rights	(2)	(3)	(3)	—
Purchase Contracts	(2)	(3)	(3)	—
Units	(2)	(3)	(3)	—
Total	(2)		\$500,000,000	\$57,950(4)

- (1) Calculated pursuant to Rule 457(o) under the Securities Act of 1933, as amended, based on the proposed maximum aggregate offering price.
- (2) There are being registered hereunder such indeterminate number of ordinary shares, such indeterminate principal amount of debt securities, such indeterminate number of warrants, rights and purchase contracts to purchase ordinary shares or debt securities, and such indeterminate number of units, as shall have an aggregate initial offering price not to exceed \$500,000,000. If any debt securities are issued at an original issue discount, then the offering price of such debt securities shall be in such greater principal amount as shall result in an aggregate initial offering price not to exceed \$500,000,000, less the aggregate dollar amount of all securities previously issued hereunder. Any securities registered hereunder may be sold separately or as units with other securities registered hereunder. The proposed maximum initial offering price per unit will be determined, from time to time, by the registrant in connection with the issuance by the registrant of the securities registered hereunder. The securities registered also include such indeterminate number of ordinary shares and amount of debt securities as may be issued upon conversion of or exchange for debt securities that provide for conversion or exchange, upon exercise of warrants or rights or performance of purchase contracts or pursuant to the anti-dilution provisions of any such securities. In addition, pursuant to Rule 416 under the Securities Act of 1933, as amended, the shares being registered hereunder include such indeterminate number of ordinary shares as may be issuable with respect to the shares being registered hereunder as a result of stock splits, stock dividends or similar transactions.
- (3) The proposed maximum aggregate offering price per class of security will be determined from time to time by the registrant in connection with the issuance by the registrant of the securities registered hereunder and is not specified as to each class of security pursuant to General Instruction II.D. of Form S-3 under the Securities Act of 1933, as amended.
- (4) Previously paid.

**THE REGISTRANT HEREBY AMENDS THIS REGISTRATION STATEMENT ON SUCH DATE OR DATES AS MAY BE NECESSARY TO DELAY ITS EFFECTIVE DATE UNTIL THE REGISTRANT SHALL FILE A FURTHER AMENDMENT WHICH SPECIFICALLY STATES THAT THIS REGISTRATION STATEMENT SHALL THEREAFTER BECOME EFFECTIVE IN ACCORDANCE WITH SECTION 8(a) OF THE SECURITIES ACT OF 1933, AS AMENDED, OR UNTIL THE REGISTRATION STATEMENT SHALL BECOME EFFECTIVE ON SUCH DATE AS THE SECURITIES AND EXCHANGE COMMISSION, ACTING PURSUANT TO SAID SECTION 8(a), MAY DETERMINE.**

**THE INFORMATION IN THIS PROSPECTUS IS NOT COMPLETE AND MAY BE CHANGED. WE MAY NOT SELL THESE SECURITIES UNTIL THE REGISTRATION STATEMENT FILED WITH THE SECURITIES AND EXCHANGE COMMISSION IS EFFECTIVE. THIS PROSPECTUS IS NOT AN OFFER TO SELL THESE SECURITIES AND IS NOT SOLICITING AN OFFER TO BUY THESE SECURITIES IN ANY STATE OR OTHER JURISDICTION WHERE THE OFFER OR SALE IS NOT PERMITTED.**

**SUBJECT TO COMPLETION, DATED JANUARY 27, 2017**

**PROSPECTUS**



**WAVE**<sup>™</sup>  
LIFE SCIENCES  
**\$500,000,000**  
**ORDINARY SHARES**  
**DEBT SECURITIES**  
**WARRANTS**  
**RIGHTS**  
**PURCHASE CONTRACTS**  
**UNITS**

This prospectus will allow us to issue, from time to time at prices and on terms to be determined at or prior to the time of the offering, up to \$500,000,000 of any combination of the securities described in this prospectus, either individually or in units. We may also offer ordinary shares upon conversion of or exchange for the debt securities; ordinary shares or debt securities upon the exercise of warrants, rights or performance of purchase contracts; or any combination of these securities upon the performance of purchase contracts.

This prospectus describes the general terms of these securities and the general manner in which these securities will be offered. We will provide you with the specific terms of any offering in one or more supplements to this prospectus. The prospectus supplements will also describe the specific manner in which these securities will be offered and may also supplement, update or amend information contained in this document. You should read this prospectus and any prospectus supplement, as well as any documents incorporated by reference into this prospectus or any prospectus supplement, carefully before you invest.

Our securities may be sold directly by us to you, through agents designated from time to time or to or through underwriters or dealers. For additional information on the methods of sale, you should refer to the section entitled “Plan of Distribution” in this prospectus and in the applicable prospectus supplement. If any underwriters or agents are involved in the sale of our securities with respect to which this prospectus is being delivered, the names of such underwriters or agents and any applicable fees, commissions or discounts and over-allotment options will be set forth in a prospectus supplement. The price to the public of such securities and the net proceeds that we expect to receive from such sale will also be set forth in a prospectus supplement.

Our ordinary shares are listed on The NASDAQ Global Market under the symbol “WVE.” On January 26, 2017, the last reported sale price of our ordinary shares was \$29.15 per share. The applicable prospectus supplement will contain information, where applicable, as to any other listing, if any, on The NASDAQ Global Market or any securities market or other securities exchange of the securities covered by the prospectus supplement. Prospective purchasers of our securities are urged to obtain current information as to the market prices of our securities, where applicable.

**Investing in our securities involves a high degree of risk. Before deciding whether to invest in our securities, you should consider carefully the risks that we have described on page 6 of this prospectus under the caption “[Risk Factors](#).” We may include specific risk factors in supplements to this prospectus under the caption “Risk Factors.” This prospectus may not be used to sell our securities unless accompanied by a prospectus supplement.**

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or determined if this prospectus is truthful or complete. Any representation to the contrary is a criminal offense.

The date of this prospectus is \_\_\_\_\_, 2017.

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## ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission, or SEC, utilizing a “shelf” registration process. Under this shelf registration process, we may offer ordinary shares, various series of debt securities and/or warrants, rights or purchase contracts to purchase any of such securities, either individually or in units, in one or more offerings, with a total value of up to \$500,000,000. This prospectus provides you with a general description of the securities we may offer. Each time we offer a type or series of securities under this prospectus, we will provide a prospectus supplement that will contain specific information about the terms of that offering.

This prospectus does not contain all of the information included in the registration statement. For a more complete understanding of the offering of the securities, you should refer to the registration statement, including its exhibits. The prospectus supplement may also add, update or change information contained or incorporated by reference in this prospectus. However, no prospectus supplement will offer a security that is not registered and described in this prospectus at the time of its effectiveness. This prospectus, together with the applicable prospectus supplements and the documents incorporated by reference into this prospectus, includes all material information relating to the offering of securities under this prospectus. You should carefully read this prospectus, the applicable prospectus supplement, the information and documents incorporated herein by reference and the additional information under the heading “Where You Can Find More Information” before making an investment decision.

You should rely only on the information we have provided or incorporated by reference in this prospectus or any prospectus supplement. We have not authorized anyone to provide you with information different from that contained or incorporated by reference in this prospectus. No dealer, salesperson or other person is authorized to give any information or to represent anything not contained or incorporated by reference in this prospectus. You must not rely on any unauthorized information or representation. This prospectus is an offer to sell only the securities offered hereby, but only under circumstances and in jurisdictions where it is lawful to do so. You should assume that the information in this prospectus or any prospectus supplement is accurate only as of the date on the front of the document and that any information we have incorporated herein by reference is accurate only as of the date of the document incorporated by reference, regardless of the time of delivery of this prospectus or any sale of a security.

We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference in the accompanying prospectus were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreements, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties or covenants were accurate only as of the date when made. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

This prospectus is not a “prospectus” as defined in the Securities and Futures Act, Chapter 289 of Singapore, or the SFA, and accordingly, statutory liability under the SFA will not apply in relation to the content of this prospectus. This prospectus has not been and will not be lodged with or registered as a prospectus by the Monetary Authority of Singapore. Accordingly, this prospectus and any other document or material in connection with the offer or sale, or invitation for subscription or purchase, of our securities may not be circulated or distributed, nor may the securities be offered or sold, or be made the subject of an invitation for subscription or purchase, whether directly or indirectly, to persons in Singapore other than (i) to an institutional investor, as defined under Section 4A(1)(c) of the SFA, under Section 274 of the SFA, (ii) to a “relevant person” as defined in Section 275(2) of the SFA pursuant to Section 275(1) of the SFA, or any person pursuant to Section 275(1A) of the SFA, and in accordance with the conditions specified in Section 275 of the SFA or (iii) otherwise pursuant to, and in accordance with the conditions of, any other applicable provision of the SFA in each case subject to compliance with the conditions set forth in the SFA.

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Where securities are subscribed or purchased under Section 275 of the SFA by a relevant person which is: (a) a corporation (which is not an accredited investor (as defined in Section 4A of the SFA)) the sole business of which is to hold investments and the entire share capital of which is owned by one or more individuals, each of whom is an accredited investor; or (b) a trust (where the trustee is not an accredited investor) whose sole purpose is to hold investments and each beneficiary of the trust is an individual who is an accredited investor, the securities (as defined in Section 239(1) of the SFA) of that corporation or the beneficiaries' rights and interest (howsoever described) in that trust shall not be transferred within six months after that corporation or that trust has acquired any securities pursuant to an offer made in reliance on an exemption under Section 275 of the SFA except:

- to an institutional investor or to a relevant person defined in Section 275(2) of the SFA, or (in the case of such corporation) where the transfer arises from an offer referred to in Section 275(1A) of the SFA or (in the case of such trust) where the transfer arises from an offer that is made on terms that such rights or interest are acquired at a consideration of not less than S\$200,000 (or its equivalent foreign currency) for each transaction, whether such amount is to be paid for in cash or by exchange of securities or other assets;
- where no consideration is or will be given for the transfer;
- where the transfer is by operation of law;
- as specified in Section 276(7) of the SFA; or
- as specified in Regulation 32 of the Securities and Futures (Offers of Investments) (Shares and Debentures) Regulations 2005 of Singapore.

By accepting this prospectus, the recipient hereof represents and warrants that such recipient is entitled to receive it in accordance with the restrictions set forth above and agrees to be bound by the limitations contained herein. Any failure to comply with these limitations may constitute a violation of law.

This prospectus may not be used to consummate sales of our securities, unless it is accompanied by a prospectus supplement. To the extent there are inconsistencies between any prospectus supplement, this prospectus and any documents incorporated by reference, the document with the most recent date will control.

Unless the context otherwise indicates, references to "WAVE," the "company," "we," "our," "us" or similar terms refer to WAVE Life Sciences Ltd. and our wholly-owned subsidiaries. References in this prospectus to "S\$" refer to Singapore dollars, "¥" refer to Japanese yen and "€" refer to euros.

The WAVE Life Sciences Ltd. and WAVE Life Sciences Pte. Ltd. names, the WAVE Life Sciences mark, and the other trademarks, trade names and service marks of WAVE Life Sciences Ltd. appearing in this prospectus are the property of WAVE Life Sciences Ltd. WAVE has applied to register certain of its trademarks in the United States. This prospectus also contains additional trade names, trademarks and service marks belonging to WAVE Life Sciences Ltd. and to other companies. We do not intend our use or display of other parties' trademarks, trade names or service marks to imply, and such use or display should not be construed to imply, a relationship with, or endorsement or sponsorship of us by, these other parties. Solely for convenience, the trademarks and trade names in this prospectus are referred to without the ® and ™ symbols, but such reference should not be construed as any indicator that their respective owners will not assert, to the fullest extent under applicable law, their rights thereto.

## PROSPECTUS SUMMARY

*The following is a summary of what we believe to be the most important aspects of our business and the offering of our securities under this prospectus. We urge you to read this entire prospectus, including the more detailed consolidated financial statements, notes to the consolidated financial statements and other information incorporated by reference from our other filings with the SEC or included in any applicable prospectus supplement. Investing in our securities involves risks. Therefore, carefully consider the risk factors set forth in any prospectus supplements and in our most recent annual and quarterly filings with the SEC, as well as other information in this prospectus and any prospectus supplements and the documents incorporated by reference herein or therein, before purchasing our securities. Each of the risk factors could adversely affect our business, operating results and financial condition, as well as adversely affect the value of an investment in our securities.*

### About WAVE Life Sciences

We are a preclinical biotechnology company with an innovative and proprietary synthetic chemistry drug development platform that we are using to design, develop and commercialize a broad pipeline of first-in-class or best-in-class nucleic acid therapeutic candidates. Nucleic acid therapeutics have the potential to address diseases that have been difficult to treat with small molecule drugs or biologics and have emerged as a large and promising class of drugs. We are initially developing nucleic acid therapeutics that target genetic defects to either reduce the expression of disease-promoting proteins or transform the production of dysfunctional mutant proteins into the production of functional proteins. Building upon the innovative work of our scientific founders, Gregory L. Verdine, Ph.D. and Takeshi Wada, Ph.D., our preclinical studies have demonstrated that our stereopure nucleic acid therapeutics may achieve superior drug properties as compared to mixture-based nucleic acid therapeutics. Our platform is designed to enable us to rationally design, optimize and manufacture stereopure nucleic acid therapeutics. Further, our platform has the potential to be used to design therapies that utilize any of the major molecular mechanisms employed by nucleic acid therapeutics, including antisense, ribonucleic acid interference (“RNAi”) and exon skipping.

We are advancing a diverse pipeline of stereopure nucleic acid medicines across a broad spectrum of rare genetic diseases in multiple therapeutic areas, with a focus on treatments for neurological, neuromuscular and neurosensory disorders. Our most advanced therapeutic programs are in Huntington’s disease (“HD”) and Duchenne muscular dystrophy (“DMD”). In Huntington’s disease, we have lead programs targeting HTT SNP-1 and HTT SNP-2; and in DMD, our lead program targets Exon 51. In addition to our lead programs, we have identified over 20 potential target indications.

In May 2016, we entered into a collaboration with Pfizer Inc. (“Pfizer”) focused on the advancement of genetically defined targets for the treatment of metabolic diseases, combining our platform together with GalNAc and Pfizer’s hepatic targeting technology for enhanced delivery to the liver. We continue to evaluate other partnering arrangements as part of our strategic plan to forge collaborations with leaders in therapeutic areas outside of our neurology franchise to bring the potential benefits of stereopure medicines to as many patients as possible.

As part of our strategy to bring greater control over the advancement of our pipeline and the execution of our clinical development plans, we entered into a lease agreement for a new facility in September 2016. Our plans for this new facility are to build out and enable our internal GMP manufacturing capabilities as well as to provide additional laboratory and office space to support our deep pipeline and long-term growth. Since our inception in 2012, we have devoted substantially all of our resources to developing an innovative and proprietary synthetic chemistry drug development platform that we are using to design, develop and commercialize nucleic acid therapeutic programs, advancing our neurology franchise, expanding our research and development activities as we prepare to enter the clinic, building our intellectual property portfolio, developing our supply chain, planning our business strategy, raising capital and providing general and administrative support for these operations. To date, we have not generated any product revenue and we have primarily financed our operations through sales of our securities.

## Corporate History and Information

WAVE Life Sciences Pte. Ltd. (Registration No.: 201218209G) was incorporated under the laws of Singapore on July 23, 2012. On November 16, 2015, we closed our initial public offering. In connection with our initial public offering, on November 5, 2015, WAVE Life Sciences Pte. Ltd. converted from a private limited company to a public limited company known as WAVE Life Sciences Ltd. (“WAVE”). WAVE has three wholly-owned subsidiaries: WAVE Life Sciences USA, Inc. (“WAVE USA”), a Delaware corporation (formerly Ontorii, Inc.); WAVE Life Sciences Japan, Inc. (“WAVE Japan”), a company organized under the laws of Japan (formerly Chiralgen., Ltd.); and WAVE Life Sciences Ireland Limited (“WAVE Ireland”), a company organized under the laws of Ireland. Our therapeutic development research and development activities are conducted in WAVE USA’s facilities and our process development research and development activities are conducted in WAVE Japan’s facilities.

Our registered office is located at 8 Cross Street #10-00, PWC Building, Singapore 048424, and our telephone number at that address is +65 6236 3388. Our principal offices for WAVE USA are located at 733 Concord Avenue, Cambridge, MA 02138, and our telephone number at that address is +1-617-949-2900. WAVE Japan’s office is located at OHBIC 108, 12-75 Suzuki Uruma-shi, Okinawa, 904-2234, Japan. Our registered office for WAVE Ireland is located at One Spencer Dock, North Wall Quay, Dublin 1, Ireland. Our corporate website address is [www.wavelifesciences.com](http://www.wavelifesciences.com). The information on our website is not part of this prospectus or incorporated by reference into this prospectus, and you should not consider any information contained on, or that can be accessed through, our website in deciding whether to purchase our ordinary shares. Our Annual Report on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K and all amendments to such reports are made available free of charge through the “Investors & Media—Financial Information” section of our website as soon as reasonably practicable after they have been filed or furnished with the SEC.

## Emerging Growth Company Status

We are an emerging growth company, as defined in the Jumpstart Our Business Startups Act of 2012, or the JOBS Act, enacted in April 2012. We intend to take advantage of certain exemptions under the JOBS Act from various public company reporting requirements, including not being required to have our internal control over financial reporting audited by our independent registered public accounting firm pursuant to Section 404(b) of the Sarbanes-Oxley Act of 2002, reduced disclosure obligations regarding executive compensation and exemptions from the requirements of holding a nonbinding advisory vote on executive compensation and any golden parachute payments not previously approved. We may take advantage of these exemptions for up to five years or until we are no longer an emerging growth company, whichever is earlier.

## Offerings Under This Prospectus

Under this prospectus, we may offer ordinary shares, various series of debt securities and/or warrants, rights or purchase contracts to purchase any of such securities, either individually or in units, with a total value of up to \$500,000,000, from time to time at prices and on terms to be determined by market conditions at the time of the offering. This prospectus provides you with a general description of the securities we may offer. Each time we offer a type or series of securities under this prospectus, we will provide a prospectus supplement that will describe the specific amounts, prices and other important terms of the securities, including, to the extent applicable:

- designation or classification;
- aggregate principal amount or aggregate offering price;
- maturity, if applicable;
- rates and times of payment of interest or dividends, if any;



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- redemption, conversion or sinking fund terms, if any;
- voting or other rights, if any; and
- conversion or exercise prices, if any.

The prospectus supplement also may add, update or change information contained in this prospectus or in documents we have incorporated by reference into this prospectus. However, no prospectus supplement will offer a security that is not registered and described in this prospectus at the time of its effectiveness.

We may sell the securities directly to investors or to or through agents, underwriters or dealers. We, and our agents or underwriters, reserve the right to accept or reject all or part of any proposed purchase of securities. If we offer securities through agents or underwriters, we will include in the applicable prospectus supplement:

- the names of those agents or underwriters;
- applicable fees, discounts and commissions to be paid to them;
- details regarding over-allotment options, if any; and
- the net proceeds to us.

**This prospectus may not be used to consummate a sale of any securities unless it is accompanied by a prospectus supplement.**

## **RISK FACTORS**

Investing in our securities involves significant risk. The prospectus supplement applicable to each offering of our securities may contain a discussion of the risks applicable to an investment in our securities. Prior to making a decision about investing in our securities, you should carefully consider the specific factors discussed under the heading “Risk Factors” in the applicable prospectus supplement, together with all of the other information contained or incorporated by reference in the prospectus supplement or appearing or incorporated by reference in this prospectus. You should also consider the risks, uncertainties and assumptions discussed under the heading “Risk Factors” included in our most recent annual report on Form 10-K, as revised or supplemented by our subsequent quarterly reports on Form 10-Q or our current reports on Form 8-K on file with the SEC, all of which are incorporated herein by reference, and which may be amended, supplemented or superseded from time to time by other reports we file with the SEC in the future. The risks and uncertainties we have described are not the only ones we face. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also affect our operations.

## SPECIAL NOTE REGARDING FORWARD-LOOKING STATEMENTS

The SEC encourages companies to disclose forward-looking information so that investors can better understand a company's future prospects and make informed investment decisions. This prospectus, any accompanying prospectus supplement and the documents we have filed with the SEC that are incorporated herein by reference contain such "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. In some cases, you can identify forward-looking statements by the words "anticipate," "believe," "continue," "could," "estimate," "expect," "future," "goals," "intend," "likely," "may," "might," "ongoing," "objective," "plan," "potential," "predict," "project," "seek," "should," "strategy," "will" and "would" or the negative of these terms, or other comparable terminology intended to identify statements about the future. These statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, levels of activity, performance or achievements to be materially different from the information expressed or implied by these forward-looking statements. Although we believe that we have a reasonable basis for each forward-looking statement contained in this prospectus, we caution you that these statements are based on a combination of facts and factors currently known by us and our expectations of the future, about which we cannot be certain. Forward-looking statements include statements about:

- our ability to fund our working capital requirements;
- our success, cost and timing of our product development activities and future clinical trials;
- the timing of and our ability to obtain and maintain regulatory approvals for any of our product candidates;
- our ability to identify and develop new product candidates;
- our intellectual property position;
- our commercialization, marketing and manufacturing capabilities and strategy;
- our ability to develop sales and marketing capabilities;
- our estimates regarding future expenses and needs for additional financing;
- our ability to identify, recruit and retain key personnel;
- our financial performance; and
- developments and projections relating to our competitors in the industry.

You should refer to the "Risk Factors" section of this prospectus for a discussion of important factors that may cause our actual results to differ materially from those expressed or implied by our forward-looking statements. As a result of these factors, we cannot assure you that the forward-looking statements in this prospectus will prove to be accurate. Furthermore, if our forward-looking statements prove to be inaccurate, the inaccuracy may be material. In light of the significant uncertainties in these forward-looking statements, you should not regard these statements as a representation or warranty by us or any other person that we will achieve our objectives and plans in any specified time frame, or at all. We undertake no obligation to publicly update any forward-looking statements, whether as a result of new information, future events or otherwise, except as required by law. In addition, statements that "we believe" and similar statements reflect our beliefs and opinions on the relevant subject. These statements are based upon information available to us as of the date of this prospectus, and while we believe such information forms a reasonable basis for such statements, such information may be limited or incomplete, and our statements should not be read to indicate that we have conducted an exhaustive inquiry into, or review of, all potentially available relevant information. These statements are inherently uncertain and investors are cautioned not to unduly rely upon these statements.

You should read this prospectus, any accompanying prospectus supplement and the documents we have filed with the SEC that are incorporated herein by reference completely and with the understanding that our actual future results may be materially different from what we expect. We qualify all of our forward-looking statements by these cautionary statements.

## **INDUSTRY AND MARKET DATA**

Certain industry data and market data included in this prospectus, any accompanying prospectus supplement and the documents we have filed with the SEC that are incorporated herein by reference were obtained from independent third-party surveys, market research, publicly available information, reports of governmental agencies and industry publications and surveys. All of management's estimates presented herein are based upon management's review of independent third-party surveys and industry publications prepared by a number of sources and other publicly available information. All of the market data used in this prospectus, any accompanying prospectus supplement and the documents we have filed with the SEC that are incorporated herein by reference involve a number of assumptions and limitations, and you are cautioned not to give undue weight to such estimates. We believe that the information from these industry publications and surveys is reliable. The industry in which we operate is subject to a high degree of uncertainty and risk due to a variety of factors, including those described in the section titled "Risk Factors." These and other factors could cause results to differ materially from those expressed in the estimates made by the independent parties and by us.

## **RATIO OF EARNINGS TO FIXED CHARGES**

Any time debt securities are offered pursuant to this prospectus, we will provide a table setting forth our ratio of earnings to fixed charges on a historical basis in the applicable prospectus supplement, if required.

## USE OF PROCEEDS

We cannot assure you that we will receive any proceeds in connection with securities which may be offered pursuant to this prospectus. Unless otherwise indicated in the applicable prospectus supplement, we intend to use any net proceeds from the sale of securities under this prospectus for our operations and for other general corporate purposes, including, but not limited to, repayment or refinancing of existing indebtedness or other corporate borrowings, working capital, intellectual property protection and enforcement, capital expenditures, investments, acquisitions or collaborations, repurchases and redemption of our securities, research and development and product development. We have not determined the amounts we plan to spend on any of the areas listed above or the timing of these expenditures. As a result, our management will have broad discretion to allocate the net proceeds, if any, we receive in connection with securities offered pursuant to this prospectus for any purpose. Pending application of the net proceeds as described above, we may initially invest the net proceeds in short-term, investment-grade, interest-bearing securities or apply them to the reduction of short-term indebtedness.

## DESCRIPTION OF SHARE CAPITAL

### General

For the purposes of this section, references to “shareholders” mean those persons whose names and number of shares are entered in our register of members. Only persons who are registered in our register of members are recognized under Singapore law as shareholders of our company with legal standing to institute shareholder actions against us or otherwise seek to enforce their rights as shareholders. Our branch register of members is maintained by our transfer agent, Computershare Trust Company, N.A., or Computershare.

The shares offered in any offering pursuant to this prospectus are expected to be held through the Depository Trust Company, or DTC. Accordingly, DTC or its nominee, Cede & Co., will be the shareholder on record registered in our register of members. The holder of our shares held in book-entry through DTC or its nominee may become a registered shareholder by exchanging its interest in our shares for certificated shares and being registered in our register of members. The procedures by which a holder of book-entry interests held through DTC or its nominee may exchange such interests for certificated shares are determined by DTC and Computershare, in accordance with their internal policies and guidelines regulating the withdrawal and exchange of book-entry interests for certificated shares, and following such an exchange Computershare will perform the procedures to register the shares in the register.

Under the Singapore Companies Act, if (a) the name of any person is without sufficient cause entered in or omitted from the register of members; or (b) default is made or there is unnecessary delay in entering in the register of members the fact of any person having ceased to be a member, the person aggrieved or any member of the public company or the company itself, may apply to the Singapore courts for rectification of the register of members. The Singapore courts may either refuse the application or order rectification of the register of members, and may direct the company to pay any damages sustained by any party to the application. The Singapore courts will not entertain any application for the rectification of a register of members in respect of an entry which was made in the register of members more than 30 years before the date of the application.

As of December 31, 2016, there were outstanding:

- 23,502,169 ordinary shares;
- 3,901,348 Series A preferred shares held by one shareholder of record;
- 22,750 ordinary shares issuable upon vesting of outstanding restricted share units;
- 3,577,766 ordinary shares issuable upon the exercise of outstanding share options; and
- 1,197,426 ordinary shares reserved for issuance in connection with future grants under our equity incentive plan.

The following description of our share capital and provisions of our constitution (formerly known as our memorandum and articles of association) are summaries and are qualified by reference to the constitution. A copy of this document has been filed with the SEC as an exhibit to the registration statement of which this prospectus forms a part.

### Ordinary Shares

As of January 26, 2017, our issued and paid-up share capital consists of 23,516,569 ordinary shares. We currently have only one class of issued ordinary shares, which have identical rights in all respects and rank equally with one another. Our ordinary shares have no par value and there is no authorized share capital under Singapore law. There is a provision in our constitution which provides that we may issue shares with such preferred, deferred or other special rights or such restrictions, whether in regard to dividend, voting, return of capital or otherwise as our board of directors may determine.

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All shares presently issued are fully paid and existing shareholders are not subject to any calls on shares. Although Singapore law does not recognize the concept of “non-assessability” with respect to newly-issued shares, we note that any purchaser of our shares who has fully paid up all amounts due with respect to such shares will not be subject under Singapore law to any personal liability to contribute to the assets or liabilities of our company in such purchaser’s capacity solely as a holder of such shares. We believe that this interpretation is substantively consistent with the concept of “non-assessability” under most, if not all, U.S. state corporations laws. All shares are in registered form. We cannot, except in the circumstances permitted by the Singapore Companies Act, grant any financial assistance for the acquisition or proposed acquisition of our own shares. Except as described below under “— Takeovers,” there are no limitations imposed by the Singapore Companies Act or by our constitution on the right of shareholders not resident in Singapore to hold or vote ordinary shares.

### **Transfer Agent and Registrar**

The transfer agent and registrar for our ordinary shares is Computershare Trust Company, N.A.

### **NASDAQ Global Market**

Our ordinary shares are listed for quotation on The NASDAQ Global Market under the symbol “WVE.”

### **New Shares**

Under the Singapore Companies Act, new shares may be issued only with the prior approval of our shareholders in a general meeting. General approval may be sought from our shareholders in a general meeting for the issue of shares. Approval, if granted, will lapse at the earlier of:

- the conclusion of the next annual general meeting; or
- the expiration of the period within which the next annual general meeting is required by law to be held (i.e., within 15 months from the last preceding annual general meeting),

but any approval may be revoked or varied by the company in a general meeting.

Our shareholders have provided such general authority to issue new ordinary shares until the conclusion of our 2017 Annual General Meeting. Such approval will lapse in accordance with the preceding paragraph if our shareholders do not grant a new approval at our 2017 annual general meeting. Subject to this and the provisions of the Singapore Companies Act and our constitution, our board of directors may allot and issue or grant options over or otherwise dispose of new ordinary shares to such persons on such terms and conditions and with the rights and restrictions as they may think fit to impose.

### **Preferred Shares**

#### ***Series A Preferred Shares***

As of December 31, 2016, we have 3,901,348 Series A preferred shares outstanding. These shares are currently held by one of our largest shareholders, Shin Nippon Biomedical Laboratories, Ltd. The terms of the Series A preferred shares as set out in our constitution include (1) no voting rights other than in limited circumstances, (2) a liquidation preference equal to \$0.002 per Series A preferred share, (3) no entitlement to dividends and (4) the right to convert the Series A preferred shares at any time on a one-for-one basis into ordinary shares at the discretion of the holder in accordance with the constitution.

The holders of the Series A preferred shares are not entitled to vote at any general meeting. The only instances in which the holders of the Series A preferred shares are able to vote at a general meeting would be if (but only if):

- the matters to be discussed at the meeting relate to or there is intent to pass resolutions on (i) abrogating or changing the rights attached to the Series A preferred shares; and (ii) for the winding up of the Company. Such resolutions would require the unanimous approval of the holders of the Series A preferred shares.

### ***Other Preferred Shares***

Under the Singapore Companies Act, different classes of shares in a public company may be issued only if (a) the issue of the class or classes of shares is provided for in the constitution of the public company and (b) the constitution of the public company sets out in respect of each class of shares the rights attached to that class of shares. Our constitution provides that we may issue shares of a different class with preferred, deferred or other special rights, or such restrictions, whether in regard to dividend, voting, return of capital or otherwise as our board of directors may determine. Under Singapore law, our preferred shareholders will have the right to attend any general meeting and in a poll at such general meeting, to have at least one vote for every preferred share held:

- upon any resolution concerning the voluntary winding-up of our company under Section 290 of the Singapore Companies Act;
- upon any resolution which varies the rights attached to such preferred shares; or
- in the case of preferred shares issued after August 15, 2014, but before the commencement of Section 96 of the Companies (Amendment) Act 2014, when the dividends to be paid on our preferred shares or any part thereof are more than twelve months in arrears and unpaid, for the period they remain in arrears and unpaid.

We may, subject to the prior approval in a general meeting of our shareholders, issue preferred shares which are, or at our option or are to be, subject to redemption provided that such preferred shares may not be redeemed out of capital unless:

- all the directors have made a solvency statement in relation to such redemption; and
- we have lodged a copy of the statement with the Accounting and Corporate Regulatory Authority of Singapore.

Further, the shares must be fully paid-up before they are redeemed.

As of the date of this prospectus, we have no preferred shares outstanding other than the Series A preferred shares described above. At present, we have no plans to issue additional preferred shares.

### **Transfer of Ordinary Shares**

Subject to applicable securities laws in relevant jurisdictions and our constitution, our ordinary shares are freely transferable. Our constitution provides that shares may be transferred by a duly signed instrument of transfer in any usual or common form or in a form approved by the directors and NASDAQ. The directors may decline to register any transfer unless, among other things, evidence of payment of any stamp duty payable with respect to the transfer is provided together with other evidence of ownership and title as the directors may reasonably require to show the right of the transferor to make the transfer. We will replace lost or destroyed certificates for shares upon notice to us and upon, among other things, the applicant furnishing evidence and indemnity as the directors may require and the payment of all applicable fees.

### **Election and Re-election of Directors**

We may, by ordinary resolution, remove any director before the expiration of his or her period of office, notwithstanding anything in our constitution or in any agreement between us and such director. We may also, by an ordinary resolution, appoint another person in place of a director removed from office pursuant to the foregoing.

Subject to the Singapore Companies Act, under our constitution, at each annual general meeting, our directors are required to retire from office. Retiring directors are eligible for re-election at that meeting.



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Our board of directors shall have the power, at any time and from time to time, to appoint any person to be a director either to fill a casual vacancy or as an additional director so long as the total number of directors shall not at any time exceed the maximum number (if any) fixed by or in accordance with our constitution.

### **Shareholders' Meetings**

We are required to hold an annual general meeting each year and not more than 15 months after the date of our most recent annual general meeting. The directors may convene an extraordinary general meeting whenever they think fit and they must do so upon the written request of shareholders holding not less than 10% of the total number of paid-up shares as of the date of deposit of the requisition carrying the right to vote at a general meeting. In addition, two or more shareholders holding not less than 10% of our total number of issued shares (excluding our treasury shares) may call a meeting of our shareholders.

The Singapore Companies Act provides that a shareholder is entitled to attend any general meeting and speak on any resolution put before the general meeting. Unless otherwise required by law or by our constitution, resolutions put forth at general meetings may be decided by ordinary resolution, requiring the affirmative vote of a majority of the shareholders present in person or represented by proxy at the meeting and entitled to vote on the resolution. An ordinary resolution suffices, for example, for appointments of directors. A special resolution, requiring an affirmative vote of not less than three-fourths of the shareholders present in person or represented by proxy at the meeting and entitled to vote on the resolution, is necessary for certain matters under Singapore law, such as an alteration of our constitution. A shareholder entitled to attend and vote at a meeting of the company, or at a meeting of any class of shareholders of the company, shall be entitled to appoint another person or persons, whether a shareholder of the company or not, as his proxy to attend and vote instead of the shareholder at the meeting. A proxy appointed to attend and vote instead of the shareholder shall also have the same right as the shareholder to speak at the meeting, but unless the constitution of the company otherwise provides, (i) a proxy shall not be entitled to vote except on a poll, (ii) a shareholder shall not be entitled to appoint more than two proxies to attend and vote at the same meeting and (iii) where a shareholder appoints two proxies the appointment shall be invalid unless the shareholder specifies the proportions of his holdings to be represented by each proxy.

Only registered shareholders of our company, and their proxies, will be entitled to attend, speak and vote at any meeting of shareholders. Under the Singapore Companies Act, public companies may issue non-voting shares and shares that confer special, limited or conditional voting rights, such that the holder of a share may vote on a resolution before a general meeting of the company if, in accordance with the provisions of Section 64 of the Singapore Companies Act, the share confers on the holder a right to vote on that resolution.

### **Voting Rights**

As provided under our constitution and the Singapore Companies Act, voting at any meeting of shareholders is by show of hands unless a poll has been demanded prior to the declaration of the result of the show of hands by, among others, (i) the chairman or (ii) at least one shareholder present in person or by proxy or by attorney or, in the case of a corporation, by a representative entitled to vote thereat, in each case representing in the aggregate not less than 5% of the total voting rights of all shareholders having the right to vote at the general meeting, provided that no poll shall be demanded in respect of an election of a chairman or relating to any adjournment of such meeting. On a poll every shareholder who is present in person or by proxy or by attorney, or in the case of a corporation, by a representative, has one vote for every share held by such shareholder. Proxies need not be shareholders.

Only those shareholders who are registered in our register of members as holders of ordinary shares will be entitled to vote at any meeting of shareholders. Therefore, DTC, or its nominee, will grant an omnibus proxy to DTC participants holding our shares in book-entry form through a broker, bank, nominee, or other institution that is a direct or indirect participant in the DTC. Such shareholders will have the right to instruct their broker, bank,

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nominee or other institution holding these shares on how to vote such shares by completing the voting instruction form provided by the applicable broker, bank, nominee, or other institution. Whether voting is by a show of hands or by a poll, DTC's vote will be voted by the chairman of the meeting according to the results of the DTC's participants' votes (which results will reflect the instructions received from shareholders that own our shares electronically in book-entry form).

### **Minority Rights**

The rights of minority shareholders of Singapore companies are protected under Section 216 of the Singapore Companies Act, which gives the Singapore courts a general power to make any order, upon application by any shareholder of a company, as they think fit to remedy any of the following situations:

- the affairs of a company are being conducted or the powers of the board of directors are being exercised in a manner oppressive to, or in disregard of the interests of, one or more of the shareholders, including the applicant; or
- a company takes an action, or threatens to take an action, or the shareholders pass a resolution, or propose to pass a resolution, which unfairly discriminates against, or is otherwise prejudicial to, one or more of the shareholders, including the applicant.

Singapore courts have wide discretion as to the remedy they may grant, and the remedies listed in the Singapore Companies Act itself are not exclusive. In general, Singapore courts may, with a view to bringing to an end or remedying the matters complained of:

- direct or prohibit any act or cancel or modify any transaction or resolution;
- regulate the conduct of the affairs of the company in the future;
- authorize civil proceedings to be brought in the name of, or on behalf of, the company by a person or persons and on such terms as the court may direct;
- provide for the purchase of a minority shareholder's shares by the other shareholders or by the company itself;
- in the case of a purchase of shares by the company provide for a reduction accordingly of the company's capital; or
- provide that the company be wound up.

### **Dividends**

Subject to any preferential rights of holders of any outstanding preferred shares, holders of our ordinary shares will be entitled to receive dividends and other distributions in cash, shares or property as may be declared by our company from time to time. We may, by ordinary resolution, declare dividends at a general meeting of shareholders, but we are restricted from paying dividends in excess of the amount recommended by our board of directors. Pursuant to Singapore law and our constitution, no dividend may be paid except out of our profits. To date, we have not declared any cash dividends on our ordinary shares and have no current plans to pay cash dividends in the foreseeable future.

### **Bonus and Rights Issues**

In a general meeting, our shareholders may, upon the recommendation of the directors, capitalize any reserves or profits and distribute them as bonus shares, credited as paid-up, to the shareholders in proportion to their shareholdings.

Subject to the provisions of the Singapore Companies Act and our constitution, our directors may also issue rights to take up additional ordinary shares to our shareholders in proportion to their respective ownership. Such

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rights are subject to any condition attached to such issue and the regulations of any stock exchange on which our shares are listed, as well as U.S. federal and blue sky securities laws applicable to such issue.

### **Takeovers**

The Singapore Code on Take-overs and Mergers regulates, among other things, the acquisition of voting shares of Singapore-incorporated public companies. Any person acquiring, whether by a series of transactions over a period of time or not, either on his or her own or together with parties acting in concert with such person, 30% or more of our voting shares, or, if such person holds, either on his or her own or together with parties acting in concert with such person, between 30% and 50% (both amounts inclusive) of our voting shares, and if such person (or parties acting in concert with such person) acquires additional voting shares representing more than 1% of our voting shares in any six-month period, must, except with the consent of the Securities Industry Council in Singapore, extend a mandatory takeover offer for the remaining voting shares in accordance with the provisions of the Singapore Code on Take-overs and Mergers. Responsibility for ensuring compliance with the Singapore Code on Take-overs and Mergers rests with parties (including company directors) to a take-over or merger and their advisors.

“Parties acting in concert” comprise individuals or companies who, pursuant to an agreement or understanding (whether formal or informal), cooperate, through the acquisition by any of them of shares in a company, to obtain or consolidate effective control of that company. Certain persons are presumed (unless the presumption is rebutted) to be acting in concert with each other. They are as follows:

- a company, its parent company, subsidiaries and fellow subsidiaries, the associated companies of any of the company and its related companies, subsidiaries and fellow subsidiaries, companies whose associated companies include any of these companies and any person who has provided financial assistance (other than a bank in the ordinary course of business) to any of the foregoing for the purchase of voting rights;
- a company with any of its directors (together with their close relatives, related trusts and companies controlled by any of the directors, their close relatives and related trusts);
- a company with any of its pension funds and employee share schemes;
- a person with any investment company, unit trust or other fund whose investment such person manages on a discretionary basis, but only in respect of the investment account which such person manages;
- a financial or other professional adviser, including a stockbroker, with its client in respect of the shareholdings of (i) the adviser and persons controlling, controlled by or under the same control as the adviser and (ii) all the funds managed by the adviser on a discretionary basis, where the shareholdings of the adviser and any of those funds in the client total 10% or more of the client’s equity share capital;
- directors of a company (together with their close relatives, related trusts and companies controlled by any of such directors, their close relatives and related trusts) which is subject to an offer or where the directors have reason to believe a bona fide offer for their company may be imminent;
- partners; and
- an individual and (i) such person’s close relatives, (ii) such person’s related trusts, (iii) any person who is accustomed to act in accordance with such person’s instructions, (iv) companies controlled by the individual, such person’s close relatives, related trusts or any person who is accustomed to act in accordance with such person’s instructions and (v) any person who has provided financial assistance (other than a bank in the ordinary course of business) to any of the foregoing for the purchase of voting rights.

Subject to certain exceptions, a mandatory offer must be in cash or be accompanied by a cash alternative at not less than the highest price paid by the offeror or parties acting in concert with the offeror during the offer period and within the six months prior to its commencement.

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Under the Singapore Code on Take-overs and Mergers, where effective control of a company is acquired or consolidated by a person, or persons acting in concert, a general offer to all other shareholders is normally required. An offeror must treat all shareholders of the same class in an offeree company equally. A fundamental requirement is that shareholders in the company subject to the takeover offer must be given sufficient information, advice and time to consider and decide on the offer. These legal requirements may impede or delay a takeover of our company by a third-party.

We may submit an application to the Securities Industry Council of Singapore for a waiver from the Singapore Code on Take-overs and Mergers so that the Singapore Code on Take-overs and Mergers will not apply to our company for so long as we are not listed on a securities exchange in Singapore. We will make an appropriate announcement if we submit the application and when the result of the application is known.

### **Liquidation or Other Return of Capital**

On a winding-up or other return of capital, subject to any special rights attaching the Series A preferred shares or to any other class of shares, holders of ordinary shares will be entitled to participate in any surplus assets in proportion to their shareholdings.

### **Limitations of Liability and Indemnification Matters**

Under Section 172 of the Singapore Companies Act, any provision exempting or indemnifying the officers of a company (including directors) against any liability that would otherwise attach to them in connection with any negligence, default, breach of duty or breach of trust in relation to the company is void. However, a company is not prohibited from (a) purchasing and maintaining for any such individual insurance against liability incurred by him or her in connection with any negligence, default, breach of duty or breach of trust in relation to the company, or indemnifying the individual against liability incurred by him or her to a person other than the company except when the indemnity is against any liability (i) of the individual to pay a fine in criminal proceedings, (ii) of the individual to pay a penalty in respect of non-compliance with any regulatory requirements, (iii) incurred by the individual in defending criminal proceedings in which he or she is convicted, (iv) incurred by the individual in defending civil proceedings brought by the company or a related company in which judgment is given against him or her, or (v) incurred by the individual in connection with an application for relief under Section 76A(13) or Section 391 of the Singapore Companies Act in which the court refuses to grant him or her relief.

Subject to the Singapore Companies Act and every other Singapore statute for the time being in force concerning companies and affecting us, our constitution provides that each of our directors and other officers and those of our subsidiaries and affiliates shall be entitled to be indemnified by us or such subsidiary against any liability incurred by him or her arising out of or in connection with any acts, omissions or conduct, actual or alleged, by such individual acting in his or her capacity as either director, officer, secretary or employee of us or the relevant subsidiary, except to such extent as would not be permitted under applicable Singapore laws or which would otherwise result in such indemnity being void in accordance with the provisions of the Singapore Companies Act.

Subject to the Singapore Companies Act and every other Singapore statute for the time being in force and affecting our company, we may indemnify our directors and officers against costs, charges, fees and other expenses that may be incurred by any of them in defending any proceedings (whether civil or criminal) relating to anything done or omitted or alleged to be done or omitted by such person acting in his or her capacity as a director, officer or employee of our company, in which judgment is given in his or her favor, or in which he or she is acquitted or in which the courts have granted relief pursuant to the provisions of the Singapore Companies Act, provided that such indemnity shall not extend to any liability which by law would otherwise attach to him or her in respect of any negligence, default, breach of duty or breach of trust of which he may be guilty in relation to our company, or which would otherwise result in such indemnity being voided under applicable Singapore laws.

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No director or officer of our company shall be liable for any acts, omissions, neglects, defaults or other conduct of any other director or officer, and to the extent permitted by Singapore law, our company shall contribute to the amount paid or payable by a director or officer in such proportion as is appropriate to reflect the relative fault of such director or officer, taking into consideration any other relevant equitable considerations, including acts of other directors or officers and our company, and the relative fault of such parties in respect thereof.

In addition, subject to the Singapore Companies Act and every other Singapore statute for the time being in force and affecting our company, no director, managing director or other officer shall be liable for the acts, receipts, neglects or defaults of any other director or officer, or for joining in any receipt or other act for conformity, or for any loss or expense incurred by us, through the insufficiency or deficiency of title to any property acquired by order of the directors for us or for the insufficiency or deficiency of any security upon which any of our moneys are invested or for any loss or damage arising from the bankruptcy, insolvency or tortious act of any person with whom any moneys, securities or effects are deposited, or any other loss, damage or misfortune which happens in the execution of his duties, unless the same happens through his own negligence, default, breach of duty or breach of trust.

We have entered into deeds of indemnity with each of our directors and officers. These agreements will require us to indemnify these individuals to the fullest extent permitted under our constitution and the Singapore Companies Act against liabilities that may arise by reason of their service to us as a director or officer of the company (as the case may be), and to advance expenses incurred in connection with any proceeding against them by reason of their status as a director, officer, agent or employee of the company in accordance with the terms of the deeds. These indemnification rights shall not be exclusive of any other right which an indemnified person may have or thereafter acquire under any applicable law, provision of our constitution, agreement, vote of shareholders or disinterested directors or otherwise.

We expect to maintain standard policies of insurance that provide coverage (1) to our directors and officers against loss rising from claims made by reason of breach of duty or other wrongful act and (2) to us with respect to indemnification payments that we may make to such directors and officers.

## DESCRIPTION OF DEBT SECURITIES

The following description, together with the additional information we include in any applicable prospectus supplements, summarizes the material terms and provisions of the debt securities that we may offer under this prospectus. While the terms we have summarized below will apply generally to any future debt securities we may offer pursuant to this prospectus, we will describe the particular terms of any debt securities that we may offer in more detail in the applicable prospectus supplement. If we so indicate in a prospectus supplement, the terms of any debt securities offered under such prospectus supplement may differ from the terms we describe below, and to the extent the terms set forth in a prospectus supplement differ from the terms described below, the terms set forth in the prospectus supplement shall control.

We may sell from time to time, in one or more offerings under this prospectus, debt securities, which may be senior or subordinated. We will issue any such senior debt securities under a senior indenture that we will enter into with a trustee to be named in the senior indenture. We will issue any such subordinated debt securities under a subordinated indenture, which we will enter into with a trustee to be named in the subordinated indenture. We have filed forms of these documents as exhibits to the registration statement, of which this prospectus is a part. We use the term “indentures” to refer to either the senior indenture or the subordinated indenture, as applicable. The indentures will be qualified under the Trust Indenture Act of 1939, as in effect on the date of the indenture. We use the term “debenture trustee” to refer to either the trustee under the senior indenture or the trustee under the subordinated indenture, as applicable.

The following summaries of material provisions of the senior debt securities, the subordinated debt securities and the indentures are subject to, and qualified in their entirety by reference to, all the provisions of the indenture applicable to a particular series of debt securities.

### General

Each indenture provides that debt securities may be issued from time to time in one or more series and may be denominated and payable in foreign currencies or units based on or relating to foreign currencies. Neither indenture limits the amount of debt securities that may be issued thereunder, and each indenture provides that the specific terms of any series of debt securities shall be set forth in, or determined pursuant to, an authorizing resolution and/or a supplemental indenture, if any, relating to such series.

We will describe in each prospectus supplement the following terms relating to a series of debt securities:

- the title or designation;
- the aggregate principal amount and any limit on the amount that may be issued;
- the currency or units based on or relating to currencies in which debt securities of such series are denominated and the currency or units in which principal or interest or both will or may be payable;
- whether we will issue the series of debt securities in global form, the terms of any global securities and who the depositary will be;
- the maturity date and the date or dates on which principal will be payable;
- the interest rate, which may be fixed or variable, or the method for determining the rate and the date interest will begin to accrue, the date or dates interest will be payable and the record dates for interest payment dates or the method for determining such dates;
- whether or not the debt securities will be secured or unsecured, and the terms of any secured debt;
- the terms of the subordination of any series of subordinated debt;
- the place or places where payments will be payable;

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- our right, if any, to defer payment of interest and the maximum length of any such deferral period;
- the date, if any, after which, and the price at which, we may, at our option, redeem the series of debt securities pursuant to any optional redemption provisions;
- the date, if any, on which, and the price at which, we are obligated, pursuant to any mandatory sinking fund provisions or otherwise, to redeem, or at the holder's option to purchase, the series of debt securities;
- whether the indenture will restrict our ability to pay dividends or will require us to maintain any asset ratios or reserves;
- whether we will be restricted from incurring any additional indebtedness;
- a discussion of any material or special U.S. federal income tax considerations applicable to a series of debt securities;
- the denominations in which we will issue the series of debt securities, if other than denominations of \$1,000 and any integral multiple thereof; and
- any other specific terms, preferences, rights or limitations of, or restrictions on, the debt securities.

We may issue debt securities that provide for an amount less than their stated principal amount to be due and payable upon declaration of acceleration of their maturity pursuant to the terms of the indenture. We will provide you with information on the U.S. federal income tax considerations and other special considerations applicable to any of these debt securities in the applicable prospectus supplement.

### **Conversion or Exchange Rights**

We will set forth in the prospectus supplement the terms, if any, on which a series of debt securities may be convertible into or exchangeable for our ordinary shares or our other securities. We will include provisions as to whether conversion or exchange is mandatory, at the option of the holder or at our option. We may include provisions pursuant to which the number of ordinary shares or our other securities that the holders of the series of debt securities receive would be subject to adjustment.

### **Consolidation, Merger or Sale; No Protection in the Event of a Change of Control or Highly Leveraged Transaction**

The indentures do not contain any covenant that restricts our ability to merge or consolidate, or sell, convey, transfer or otherwise dispose of all or substantially all of our assets. However, any successor to or acquirer of such assets must assume all of our obligations under the indentures or the debt securities, as appropriate.

Unless we state otherwise in the applicable prospectus supplement, the debt securities will not contain any provisions that may afford holders of the debt securities protection in the event we have a change of control or in the event of a highly leveraged transaction (whether or not such transaction results in a change of control), which could adversely affect holders of debt securities.

### **Events of Default Under the Indenture**

The following are events of default under the indentures with respect to any series of debt securities that we may issue:

- if we fail to pay interest when due and our failure continues for 90 days and the time for payment has not been extended or deferred;
- if we fail to pay the principal, or premium, if any, when due and the time for payment has not been extended or delayed;

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- if we fail to observe or perform any other covenant set forth in the debt securities of such series or the applicable indentures, other than a covenant specifically relating to and for the benefit of holders of another series of debt securities, and our failure continues for 90 days after we receive written notice from the debenture trustee or holders of not less than a majority in aggregate principal amount of the outstanding debt securities of the applicable series; and
- if specified events of bankruptcy, insolvency or reorganization occur as to us.

No event of default with respect to a particular series of debt securities (except as to certain events of bankruptcy, insolvency or reorganization) necessarily constitutes an event of default with respect to any other series of debt securities. The occurrence of an event of default may constitute an event of default under any bank credit agreements we may have in existence from time to time. In addition, the occurrence of certain events of default or an acceleration under the indenture may constitute an event of default under certain of our other indebtedness outstanding from time to time.

If an event of default with respect to debt securities of any series at the time outstanding occurs and is continuing, then the trustee or the holders of not less than a majority in principal amount of the outstanding debt securities of that series may, by a notice in writing to us (and to the debenture trustee if given by the holders), declare to be due and payable immediately the principal (or, if the debt securities of that series are discount securities, that portion of the principal amount as may be specified in the terms of that series) of and premium, if any, and accrued and unpaid interest, if any, on all debt securities of that series. Before a judgment or decree for payment of the money due has been obtained with respect to debt securities of any series, the holders of a majority in principal amount of the outstanding debt securities of that series (or, at a meeting of holders of such series at which a quorum is present, the holders of a majority in principal amount of the debt securities of such series represented at such meeting) may rescind and annul the acceleration if all events of default, other than the non-payment of accelerated principal, premium, if any, and interest, if any, with respect to debt securities of that series, have been cured or waived as provided in the applicable indenture (including payments or deposits in respect of principal, premium or interest that had become due other than as a result of such acceleration). We refer you to the prospectus supplement relating to any series of debt securities that are discount securities for the particular provisions relating to acceleration of a portion of the principal amount of such discount securities upon the occurrence of an event of default.

Subject to the terms of the indentures, if an event of default under an indenture shall occur and be continuing, the debenture trustee will be under no obligation to exercise any of its rights or powers under such indenture at the request or direction of any of the holders of the applicable series of debt securities, unless such holders have offered the debenture trustee reasonable indemnity. The holders of a majority in principal amount of the outstanding debt securities of any series will have the right to direct the time, method and place of conducting any proceeding for any remedy available to the debenture trustee, or exercising any trust or power conferred on the debenture trustee, with respect to the debt securities of that series, provided that:

- the direction so given by the holder is not in conflict with any law or the applicable indenture; and
- subject to its duties under the Trust Indenture Act, the debenture trustee need not take any action that might involve it in personal liability or might be unduly prejudicial to the holders not involved in the proceeding.

A holder of the debt securities of any series will only have the right to institute a proceeding under the indentures or to appoint a receiver or trustee, or to seek other remedies if:

- the holder previously has given written notice to the debenture trustee of a continuing event of default with respect to that series;
- the holders of at least a majority in aggregate principal amount of the outstanding debt securities of that series have made written request, and such holders have offered reasonable indemnity to the debenture trustee to institute the proceeding as trustee; and



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- the debenture trustee does not institute the proceeding, and does not receive from the holders of a majority in aggregate principal amount of the outstanding debt securities of that series (or at a meeting of holders of such series at which a quorum is present, the holders of a majority in principal amount of the debt securities of such series represented at such meeting) other conflicting directions within 60 days after the notice, request and offer.

These limitations do not apply to a suit instituted by a holder of debt securities if we default in the payment of the principal, premium, if any, or interest on, the debt securities.

We will periodically file statements with the applicable debenture trustee regarding our compliance with specified covenants in the applicable indenture.

### **Modification of Indenture; Waiver**

The debenture trustee and we may change the applicable indenture without the consent of any holders with respect to specific matters, including:

- to fix any ambiguity, defect or inconsistency in the indenture; and
- to change anything that does not materially adversely affect the interests of any holder of debt securities of any series issued pursuant to such indenture.

In addition, under the indentures, the rights of holders of a series of debt securities may be changed by us and the debenture trustee with the written consent of the holders of at least a majority in aggregate principal amount of the outstanding debt securities of each series (or, at a meeting of holders of such series at which a quorum is present, the holders of a majority in principal amount of the debt securities of such series represented at such meeting) that is affected. However, the debenture trustee and we may make the following changes only with the consent of each holder of any outstanding debt securities affected:

- extending the fixed maturity of the series of debt securities;
- reducing the principal amount, reducing the rate of or extending the time of payment of interest, or any premium payable upon the redemption of any debt securities;
- reducing the principal amount of discount securities payable upon acceleration of maturity;
- making the principal of or premium or interest on any debt security payable in currency other than that stated in the debt security; or
- reducing the percentage of debt securities, the holders of which are required to consent to any amendment or waiver.

Except for certain specified provisions, the holders of at least a majority in principal amount of the outstanding debt securities of any series (or, at a meeting of holders of such series at which a quorum is present, the holders of a majority in principal amount of the debt securities of such series represented at such meeting) may on behalf of the holders of all debt securities of that series waive our compliance with provisions of the indenture. The holders of a majority in principal amount of the outstanding debt securities of any series may on behalf of the holders of all the debt securities of such series waive any past default under the indenture with respect to that series and its consequences, except a default in the payment of the principal of, premium or any interest on any debt security of that series or in respect of a covenant or provision, which cannot be modified or amended without the consent of the holder of each outstanding debt security of the series affected; provided, however, that the holders of a majority in principal amount of the outstanding debt securities of any series may rescind an acceleration and its consequences, including any related payment default that resulted from the acceleration.

## **Discharge**

Each indenture provides that we can elect to be discharged from our obligations with respect to one or more series of debt securities, except for obligations to:

- register the transfer or exchange of debt securities of the series;
- replace stolen, lost or mutilated debt securities of the series;
- maintain paying agencies;
- hold monies for payment in trust;
- compensate and indemnify the trustee; and
- appoint any successor trustee.

In order to exercise our rights to be discharged with respect to a series, we must deposit with the trustee money or government obligations sufficient to pay all the principal of, the premium, if any, and interest on, the debt securities of the series on the dates payments are due.

## **Form, Exchange, and Transfer**

We will issue the debt securities of each series only in fully registered form without coupons and, unless we otherwise specify in the applicable prospectus supplement, in denominations of \$1,000 and any integral multiple thereof. The indentures provide that we may issue debt securities of a series in temporary or permanent global form and as book-entry securities that will be deposited with, or on behalf of, The Depository Trust Company or another depository named by us and identified in a prospectus supplement with respect to that series.

At the option of the holder, subject to the terms of the indentures and the limitations applicable to global securities described in the applicable prospectus supplement, the holder of the debt securities of any series can exchange the debt securities for other debt securities of the same series, in any authorized denomination and of like tenor and aggregate principal amount.

Subject to the terms of the indentures and the limitations applicable to global securities set forth in the applicable prospectus supplement, holders of the debt securities may present the debt securities for exchange or for registration of transfer, duly endorsed or with the form of transfer endorsed thereon duly executed if so required by us or the security registrar, at the office of the security registrar or at the office of any transfer agent designated by us for this purpose. Unless otherwise provided in the debt securities that the holder presents for transfer or exchange or in the applicable indenture, we will make no service charge for any registration of transfer or exchange, but we may require payment of any taxes or other governmental charges.

We will name in the applicable prospectus supplement the security registrar, and any transfer agent in addition to the security registrar, that we initially designate for any debt securities. We may at any time designate additional transfer agents or rescind the designation of any transfer agent or approve a change in the office through which any transfer agent acts, except that we will be required to maintain a transfer agent in each place of payment for the debt securities of each series.

If we elect to redeem the debt securities of any series, we will not be required to:

- issue, register the transfer of, or exchange any debt securities of that series during a period beginning at the opening of business 15 days before the day of mailing of a notice of redemption of any debt securities that may be selected for redemption and ending at the close of business on the day of the mailing; or
- register the transfer of or exchange any debt securities so selected for redemption, in whole or in part, except the unredeemed portion of any debt securities we are redeeming in part.

### **Information Concerning the Debenture Trustee**

The debenture trustee, other than during the occurrence and continuance of an event of default under the applicable indenture, undertakes to perform only those duties as are specifically set forth in the applicable indenture. Upon an event of default under an indenture, the debenture trustee under such indenture must use the same degree of care as a prudent person would exercise or use in the conduct of his or her own affairs. Subject to this provision, the debenture trustee is under no obligation to exercise any of the powers given it by the indentures at the request of any holder of debt securities unless it is offered reasonable security and indemnity against the costs, expenses and liabilities that it might incur.

### **Payment and Paying Agents**

Unless we otherwise indicate in the applicable prospectus supplement, we will make payment of the interest on any debt securities on any interest payment date to the person in whose name the debt securities, or one or more predecessor securities, are registered at the close of business on the regular record date for the interest.

We will pay principal of and any premium and interest on the debt securities of a particular series at the office of the paying agents designated by us, except that unless we otherwise indicate in the applicable prospectus supplement, we will make interest payments by check which we will mail to the holder. Unless we otherwise indicate in a prospectus supplement, we will designate the corporate trust office of the debenture trustee in the City of New York as our sole paying agent for payments with respect to debt securities of each series. We will name in the applicable prospectus supplement any other paying agents that we initially designate for the debt securities of a particular series. We will maintain a paying agent in each place of payment for the debt securities of a particular series.

All money we pay to a paying agent or the debenture trustee for the payment of the principal of or any premium or interest on any debt securities which remains unclaimed at the end of two years after such principal, premium or interest has become due and payable will be repaid to us, and the holder of the security thereafter may look only to us for payment thereof.

### **Governing Law**

The indentures and the debt securities will be governed by and construed in accordance with the laws of the State of New York, except to the extent that the Trust Indenture Act is applicable.

### **Subordination of Subordinated Debt Securities**

Our obligations pursuant to any subordinated debt securities will be unsecured and will be subordinate and junior in priority of payment to certain of our other indebtedness to the extent described in a prospectus supplement. The subordinated indenture does not limit the amount of senior indebtedness we may incur. It also does not limit us from issuing any other secured or unsecured debt.

## DESCRIPTION OF WARRANTS

### General

We may issue warrants to purchase our ordinary shares and/or debt securities in one or more series together with other securities or separately, as described in the applicable prospectus supplement. Warrants for the purchase of ordinary shares and/or debt securities will be in registered form only. Below is a description of certain general terms and provisions of the warrants that we may offer. Particular terms of the warrants will be described in the warrant agreements and the prospectus supplement relating to the warrants.

The applicable prospectus supplement will contain, where applicable, the following terms of and other information relating to the warrants:

- the specific designation and aggregate number of, and the price at which we will issue, the warrants;
- the currency or currency units in which the offering price, if any, and the exercise price are payable;
- the designation, amount and terms of the securities purchasable upon exercise of the warrants;
- if applicable, the exercise price for our ordinary shares and the number of ordinary shares to be received upon exercise of the warrants;
- if applicable, the exercise price for our debt securities, the amount of debt securities to be received upon exercise, and a description of that series of debt securities;
- the date on which the right to exercise the warrants will begin and the date on which that right will expire or, if you may not continuously exercise the warrants throughout that period, the specific date or dates on which you may exercise the warrants;
- whether the warrants will be issued in definitive or global form or in any combination of these forms, although, in any case, the form of a warrant included in a unit will correspond to the form of the unit and of any security included in that unit;
- any applicable material U.S. federal income tax consequences;
- the identity of the warrant agent for the warrants and of any other depositaries, execution or paying agents, transfer agents, registrars or other agents;
- the proposed listing, if any, of the warrants or any securities purchasable upon exercise of the warrants on any securities exchange;
- if applicable, the date from and after which the warrants and the ordinary shares and/or debt securities will be separately transferable;
- if applicable, the minimum or maximum amount of the warrants that may be exercised at any one time;
- information with respect to book-entry procedures, if any;
- the anti-dilution provisions of the warrants, if any;
- any redemption or call provisions;
- whether the warrants may be sold separately or with other securities as parts of units; and
- any additional terms of the warrants, including terms, procedures and limitations relating to the exchange and exercise of the warrants.

### Transfer Agent and Registrar

The transfer agent and registrar for any warrants will be set forth in the applicable prospectus supplement.

## DESCRIPTION OF RIGHTS

### General

We may issue rights to our shareholders to purchase our ordinary shares or the other securities described in this prospectus. We may offer rights separately or together with one or more additional rights, debt securities, ordinary shares, warrants or purchase contracts, or any combination of those securities in the form of units, as described in the applicable prospectus supplement. Each series of rights will be issued under a separate rights agreement to be entered into between us and a bank or trust company, as rights agent. The rights agent will act solely as our agent in connection with the certificates relating to the rights of the series of certificates and will not assume any obligation or relationship of agency or trust for or with any holders of rights certificates or beneficial owners of rights. The following description sets forth certain general terms and provisions of the rights to which any prospectus supplement may relate. The particular terms of the rights to which any prospectus supplement may relate and the extent, if any, to which the general provisions may apply to the rights so offered will be described in the applicable prospectus supplement. To the extent that any particular terms of the rights, rights agreement or rights certificates described in a prospectus supplement differ from any of the terms described below, then the terms described below will be deemed to have been superseded by that prospectus supplement. We encourage you to read the applicable rights agreement and rights certificate for additional information before you decide whether to purchase any of our rights.

We will provide in a prospectus supplement the following terms of the rights being issued:

- the date of determining the shareholders entitled to the rights distribution;
- the aggregate number of our ordinary shares or other securities purchasable upon exercise of the rights;
- the exercise price;
- the aggregate number of rights issued;
- whether the rights are transferrable and the date, if any, on and after which the rights may be separately transferred;
- the date on which the right to exercise the rights will commence, and the date on which the right to exercise the rights will expire;
- the method by which holders of rights will be entitled to exercise;
- the conditions to the completion of the offering, if any;
- the withdrawal, termination and cancellation rights, if any;
- whether there are any backstop or standby purchaser or purchasers and the terms of their commitment, if any;
- whether shareholders are entitled to oversubscription rights, if any;
- any applicable U.S. federal income tax considerations; and
- any other terms of the rights, including terms, procedures and limitations relating to the distribution, exchange and exercise of the rights, as applicable.

Each right will entitle the holder of rights to purchase for cash the principal amount of our ordinary shares or other securities at the exercise price provided in the applicable prospectus supplement. Rights may be exercised at any time up to the close of business on the expiration date for the rights provided in the applicable prospectus supplement.

Holders may exercise rights as described in the applicable prospectus supplement. Upon receipt of payment and the rights certificate properly completed and duly executed at the corporate trust office of the rights agent or

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any other office indicated in the prospectus supplement, we will, as soon as practicable, forward the ordinary shares or other securities, as applicable, purchasable upon exercise of the rights. If less than all of the rights issued in any rights offering are exercised, we may offer any unsubscribed securities directly to persons other than shareholders, to or through agents, underwriters or dealers or through a combination of such methods, including pursuant to standby arrangements, as described in the applicable prospectus supplement.

### **Rights Agent**

The rights agent for any rights we offer will be set forth in the applicable prospectus supplement.

## DESCRIPTION OF PURCHASE CONTRACTS

We may issue purchase contracts, including contracts obligating holders to purchase from us, and for us to sell to holders, a specific or variable number of our debt securities, ordinary shares, warrants or rights, or securities of an entity unaffiliated with us, or any combination of the above, at a future date or dates. Alternatively, subject to any restrictions under the Singapore Companies Act, the purchase contracts may obligate us to purchase from holders, and obligate holders to sell to us, a specific or variable number of our debt securities, ordinary shares, warrants, rights or other property, or any combination of the above. The price of the securities or other property subject to the purchase contracts may be fixed at the time the purchase contracts are issued or may be determined by reference to a specific formula described in the purchase contracts. We may issue purchase contracts separately or as a part of units each consisting of a purchase contract and one or more of our other securities described in this prospectus or securities of third parties, including U.S. Treasury securities, securing the holder's obligations under the purchase contract. The purchase contracts may require us to make periodic payments to holders or vice versa and the payments may be unsecured or pre-funded on some basis. The purchase contracts may require holders to secure the holder's obligations in a manner specified in the applicable prospectus supplement.

The applicable prospectus supplement will describe the terms of any purchase contracts in respect of which this prospectus is being delivered, including, to the extent applicable, the following:

- whether the purchase contracts obligate the holder or us to purchase or sell, or both purchase and sell, the securities subject to purchase under the purchase contract, and the nature and amount of each of those securities, or the method of determining those amounts;
- whether the purchase contracts are to be prepaid;
- whether the purchase contracts are to be settled by delivery, or by reference or linkage to the value, performance or level of the securities subject to purchase under the purchase contract;
- any acceleration, cancellation, termination or other provisions relating to the settlement of the purchase contracts;
- any applicable U.S. federal income tax considerations; and
- whether the purchase contracts will be issued in fully registered or global form.

The preceding description sets forth certain general terms and provisions of the purchase contracts to which any prospectus supplement may relate. The particular terms of the purchase contracts to which any prospectus supplement may relate and the extent, if any, to which the general provisions may apply to the purchase contracts so offered will be described in the applicable prospectus supplement. To the extent that any particular terms of the purchase contracts described in a prospectus supplement differ from any of the terms described above, then the terms described above will be deemed to have been superseded by that prospectus supplement. We encourage you to read the applicable purchase contract for additional information before you decide whether to purchase any of our purchase contracts.

## DESCRIPTION OF UNITS

The following description, together with the additional information that we include in any applicable prospectus supplements summarizes the material terms and provisions of the units that we may offer under this prospectus. While the terms we have summarized below will apply generally to any units that we may offer under this prospectus, we will describe the particular terms of any series of units in more detail in the applicable prospectus supplement. The terms of any units offered under a prospectus supplement may differ from the terms described below.

We will incorporate by reference from reports that we file with the SEC, the form of unit agreement that describes the terms of the series of units we are offering, and any supplemental agreements, before the issuance of the related series of units. The following summaries of material terms and provisions of the units are subject to, and qualified in their entirety by reference to, all the provisions of the unit agreement and any supplemental agreements applicable to a particular series of units. We urge you to read the applicable prospectus supplements related to the particular series of units that we may offer under this prospectus, as well as any related free writing prospectuses and the complete unit agreement and any supplemental agreements that contain the terms of the units.

### General

We may issue units consisting of our ordinary shares, one or more debt securities, warrants, rights or purchase contracts for the purchase of our ordinary shares and/or debt securities in one or more series, in any combination. Each unit will be issued so that the holder of the unit is also the holder of each security included in the unit. Thus, the holder of a unit will have the rights and obligations of a holder of each security included in the unit. The unit agreement under which a unit is issued may provide that the securities included in the unit may not be held or transferred separately, at any time or at any time before a specified date.

We will describe in the applicable prospectus supplement the terms of the series of units being offered, including:

- the designation and terms of the units and of the securities comprising the units, including whether and under what circumstances those securities may be held or transferred separately;
- any provisions of the governing unit agreement that differ from those described below; and
- any provisions for the issuance, payment, settlement, transfer or exchange of the units or of the securities comprising the units.

The provisions described in this section, as well as those set forth in any prospectus supplement or as described under “Description of Share Capital,” “Description of Debt Securities,” “Description of Warrants,” “Description of Rights” and “Description of Purchase Contracts” will apply to each unit, as applicable, and to any ordinary shares, debt security, warrant, right or purchase contract included in each unit, as applicable.

### Unit Agent

The name and address of the unit agent for any units we offer will be set forth in the applicable prospectus supplement.

### Issuance in Series

We may issue units in such amounts and in such numerous distinct series as we determine.

### Enforceability of Rights by Holders of Units

Each unit agent will act solely as our agent under the applicable unit agreement and will not assume any obligation or relationship of agency or trust with any holder of any unit. A single bank or trust company may act as unit agent for more than one series of units. A unit agent will have no duty or responsibility in case of any default by us under the applicable unit agreement or unit, including any duty or responsibility to initiate any proceedings at law or otherwise, or to make any demand upon us. Any holder of a unit may, without the consent of the related unit agent or the holder of any other unit, enforce by appropriate legal action its rights as holder under any security included in the unit.



## COMPARISON OF SHAREHOLDER RIGHTS

We are incorporated under the laws of Singapore. The following discussion summarizes material differences between the rights of holders of our ordinary shares and the rights of holders of the common stock of a typical corporation incorporated under the laws of the state of Delaware which result from differences in governing documents and the laws of Singapore and Delaware.

This discussion does not purport to be a complete statement of the rights of holders of our ordinary shares under applicable law in Singapore and our constitution or the rights of holders of the common stock of a typical corporation under applicable Delaware law and a typical certificate of incorporation and bylaws.

### Delaware

#### **Board of Directors**

A typical certificate of incorporation and bylaws provides that the number of directors on the board of directors will be fixed from time to time by a vote of the majority of the authorized directors. Under Delaware law, a board of directors can be divided into classes and cumulative voting in the election of directors is only permitted if expressly authorized in a corporation's certificate of incorporation.

#### **Limitation on Personal Liability of Directors**

A typical certificate of incorporation provides for the elimination of personal monetary liability of directors for breach of fiduciary duties as directors to the fullest extent permissible under the laws of Delaware, except for liability (i) for any breach of a director's loyalty to the corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) under Section 174 of the Delaware General Corporation Law (relating to the liability of directors for unlawful payment of a dividend or an unlawful stock purchase or redemption) or (iv) for any transaction from which the director derived an improper personal benefit. A typical certificate of incorporation also provides that if the Delaware General Corporation Law is amended so as to allow further elimination of, or limitations on, director liability, then the liability of directors will be eliminated or limited to the fullest extent permitted by the Delaware General Corporation Law as so amended.

### Singapore

The constitution of companies will typically state the minimum and maximum number of directors as well as provide that the number of directors may be increased or reduced by shareholders via ordinary resolution passed at a general meeting, provided that the number of directors following such increase or reduction is within the maximum (if any) and minimum number of directors provided in our constitution and the Singapore Companies Act, respectively.

Pursuant to the Singapore Companies Act, any provision (whether in the constitution, a contract with the company or otherwise) exempting or indemnifying a director against any liability which by law would otherwise attach to him or her in respect of any negligence, default, breach of duty or breach of trust of which such director may be guilty in relation to the company is void. However, a company is not prohibited from (a) purchasing and maintaining for any such director insurance against any such liability, or (b) indemnifying such director against any liability incurred by him or her to a person other than the company except when the indemnity is against any liability (i) of the director to pay a fine in criminal proceedings, (ii) of the director to pay a penalty in respect of non-compliance with any regulatory requirements, (iii) incurred by the director in defending criminal proceedings in which he or she is convicted, (iv) incurred by the director in defending civil proceedings brought by the company or a related company in which judgment is given against him or her, or (v) incurred by the director in connection with an application for relief under Section 76A(13) or Section 391 of the Singapore Companies Act in which the court refuses to grant him or her relief. Nevertheless, a director can be released by the shareholders of a company for

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breaches of duty to a company except in the case of fraud, illegality, insolvency of the company and oppression or disregard of minority interests.

Subject to the Singapore Companies Act and every other Singapore statute for the time being in force and affecting the Company, we may indemnify our directors against costs, charges, fees, and other expenses that may be incurred by any of them in defending any proceedings (whether civil or criminal) relating to anything done or omitted or alleged to be done or omitted by such person acting in his or her capacity as a director of our company, in which judgment is given in his or her favor, or in which he or she is acquitted or in which the courts have granted relief pursuant to the provisions of the Singapore Companies Act, provided that such indemnity shall not extend to any liability which by law would otherwise attach to him or her in respect of any negligence, default, breach of duty or breach of trust of which he may be guilty in relation to our company, or which would otherwise result in such indemnity being voided under applicable Singapore laws.

**Interested Shareholders**

Section 203 of the Delaware General Corporation Law generally prohibits a Delaware corporation from engaging in specified corporate transactions (such as mergers, stock and asset sales, and loans) with an “interested stockholder” for three years following the time that the stockholder becomes an interested stockholder. Subject to specified exceptions, an “interested stockholder” is a person or group that owns 15% or more of the corporation’s outstanding voting stock (including any rights to acquire stock pursuant to an option, warrant, agreement, arrangement or understanding, or upon the exercise of conversion or exchange rights, and stock with respect to which the person has voting rights only), or is an affiliate or associate of the corporation and was the owner of 15% or more of the voting stock at any time within the previous three years.

There are no comparable provisions under the Singapore Companies Act with respect to public companies which are not listed on the Singapore Exchange Securities Trading Limited.

A Delaware corporation may elect to “opt out” of, and not be governed by, Section 203 through a provision in either its original certificate of incorporation, or an amendment to its original certificate or bylaws that was approved by majority stockholder vote. With a limited exception, this amendment would not become effective until 12 months following its adoption.

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**Removal of Directors**

A typical certificate of incorporation and bylaws provide that, subject to the rights of holders of any preferred stock, directors may be removed at any time by the affirmative vote of the holders of at least a majority, or in some instances a supermajority, of the voting power of all of the then outstanding shares entitled to vote generally in the election of directors, voting together as a single class. A certificate of incorporation could also provide that such a right is only exercisable when a director is being removed for cause (removal of a director only for cause is the default rule in the case of a classified board).

Under the Singapore Companies Act, directors of a public company may be removed before expiration of their term of office, notwithstanding anything in its constitution or in any agreement between the public company and such directors, by ordinary resolution (i.e., a resolution which is passed by a simple majority of those shareholders present and voting in person or by proxy). Notice of the intention to move such a resolution has to be given to the company not less than 28 days before the meeting at which it is moved. The company shall then give notice of such resolution to its shareholders not less than 14 days before the meeting. Where any director removed in this manner was appointed to represent the interests of any particular class of shareholders or debenture holders, the resolution to remove such director will not take effect until such director's successor has been appointed.

**Filling Vacancies on the Board of Directors**

A typical certificate of incorporation and bylaws provide that, subject to the rights of the holders of any preferred stock, any vacancy, whether arising through death, resignation, retirement, disqualification, removal, an increase in the number of directors or any other reason, may be filled by a majority vote of the remaining directors, even if such directors remaining in office constitute less than a quorum, or by the sole remaining director. Any newly elected director usually holds office for the remainder of the full term expiring at the annual meeting of stockholders at which the term of the class of directors to which the newly elected director has been elected expires.

The constitution of a Singapore company typically provides that the directors have the power to appoint any person to be a director, either to fill a vacancy or as an addition to the existing directors, but so that the total number of directors shall not at any time exceed the maximum number (if any) fixed by or in accordance with the constitution. Any director so appointed shall hold office until the next following annual general meeting, where such director will then be eligible for re-election. Our constitution provides that the directors may appoint any person to be a director either to fill a casual vacancy or as an additional director but so that the total number of Directors shall not at any time exceed the maximum number fixed by or in accordance with the constitution.

**Amendment of Governing Documents**

Under the Delaware General Corporation Law, amendments to a corporation's certificate of incorporation require the approval of stockholders holding a majority of the outstanding shares entitled to vote on the amendment. If a class vote on the amendment is required by the Delaware General Corporation Law, a majority of the outstanding stock of the class is required, unless a greater proportion is specified in the certificate of incorporation or by other provisions of the Delaware General Corporation Law. Under the Delaware General Corporation Law, the

Our constitution may be altered by special resolution (i.e., a resolution passed by at least a three-fourths majority of the shareholders entitled to vote, present in person or by proxy at a meeting for which not less than 21 days' written notice is given). The board of directors has no right to amend the constitution.

Under the Singapore Companies Act, an entrenching provision may be included in the constitution with which a company is formed and may at any time be inserted into the constitution of a company only if all

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### Delaware

board of directors may amend bylaws if so authorized in the charter. The stockholders of a Delaware corporation also have the power to amend bylaws.

## **Meetings of Shareholders**

### *Annual and Special Meetings*

Typical bylaws provide that annual meetings of stockholders are to be held on a date and at a time fixed by the board of directors. Under the Delaware General Corporation Law, a special meeting of stockholders may be called by the board of directors or by any other person authorized to do so in the certificate of incorporation or the bylaws.

### *Quorum Requirements*

Under the Delaware General Corporation Law, a corporation's certificate of incorporation or bylaws can specify the number of shares which constitute the quorum required to conduct business at a meeting, provided that in no event shall a quorum consist of less than one-third of the shares entitled to vote at a meeting.

### Singapore

the shareholders of the company agree. An entrenching provision is a provision of the constitution of a company to the effect that other specified provisions of the constitution may not be altered in the manner provided by the Singapore Companies Act or may not be so altered except (i) by a resolution passed by a specified majority greater than 75% (the minimum majority required by the Singapore Companies Act for a special resolution) or (ii) where other specified conditions are met. The Singapore Companies Act provides that such entrenching provision may be removed or altered only if all the members of the company agree.

### *Annual General Meetings*

All companies are required to hold an annual general meeting once every calendar year and not more than 15 months after the date of the most recent annual general meeting. The first annual general meeting must be held within 18 months of the company's incorporation and subsequently, not more than 15 months may elapse between annual general meetings.

### *Extraordinary General Meetings*

Any general meeting other than the annual general meeting is called an "extraordinary general meeting." Notwithstanding anything in the constitution, directors of a company are required to convene an extraordinary general meeting if required to do so by requisition (i.e. written notice, requiring that a meeting be called, given to the directors) by shareholder(s) holding not less than 10% of the total number of paid-up shares as at the date of the deposit of the requisition carrying the right of voting at general meetings of the company. In addition, the constitution usually also provides that general meetings may be convened in accordance with the Singapore Companies Act by the directors.

### *Quorum Requirements*

Our constitution provides that any two shareholders present in person or by proxy or by attorney or, in the case of a corporation, by a representative and entitled to vote thereat; in each case representing in aggregate not less than a majority of the total voting rights of all shareholders having the right to vote at a general meeting, shall constitute a quorum. In the event a quorum is not present, the meeting if not convened

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on the requisition of shareholders may be adjourned for one week. When reconvened, the quorum for the meeting will be the same and if at such adjourned meeting a quorum is not present, the meeting will be dissolved.

*Shareholders' Rights at Meetings*

The Singapore Companies Act provides that every member shall, notwithstanding any provision in the constitution, have a right to attend any general meeting of the company and to speak on any resolution before the meeting. The company's constitution may provide that a member shall not be entitled to vote unless all calls or other sums personally payable by him in respect of shares in the company have been paid.

Public companies may issue non-voting shares and shares that confer special, limited and conditional voting rights, such that the holder of a share may vote on a resolution before a general meeting if, in accordance with the provisions of Section 64 of the Singapore Companies Act, the share confers on the holder a right to vote on the resolution.

*Circulation of Shareholders' Resolutions*

Under the Singapore Companies Act, (a) any number of shareholders representing not less than 5% of the total voting rights of all the shareholders having at the date of requisition a right to vote at a meeting to which the requisition relates or (b) not less than 100 shareholders holding shares on which there has been paid up an average sum, per shareholder, of not less than S\$500, may requisition the company to give to shareholders notice of any resolution which may properly be moved and is intended to be moved at the next annual general meeting, and circulate to shareholders any statement of not more than 1,000 words with respect to the matter referred to in any proposed resolution or the business to be dealt with at that meeting.

**Indemnification of Officers, Directors and Employees**

Under the Delaware General Corporation Law, subject to specified limitations in the case of derivative suits brought by a corporation's stockholders in its name, a corporation may indemnify any person who is made a party to any third-party action, suit or proceeding on account of being a director, officer, employee or agent

Under Section 172 of the Singapore Companies Act, any provision exempting or indemnifying the officers of a company (including directors) against liability, which by law would otherwise attach to them for any negligence, default, breach of duty or breach of trust in relation to the company is void.

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of the corporation (or was serving at the request of the corporation in such capacity for another corporation, partnership, joint venture, trust or other enterprise) against expenses, including attorney's fees, judgments, fines and amounts paid in settlement actually and reasonably incurred by him or her in connection with the action, suit or proceeding through, among other things, a majority vote of a quorum consisting of directors who were not parties to the suit or proceeding, if the person:

- acted in good faith and in a manner he or she reasonably believed to be in or not opposed to the best interests of the corporation or, in some circumstances, at least not opposed to its best interests; and
- in a criminal proceeding, had no reasonable cause to believe his or her conduct was unlawful.

Delaware corporate law permits indemnification by a corporation under similar circumstances for expenses (including attorneys' fees) actually and reasonably incurred by such persons in connection with the defense or settlement of a derivative action or suit, except that no indemnification may be made in respect of any claim, issue or matter as to which the person is adjudged to be liable to the corporation unless the Delaware Court of Chancery or the court in which the action or suit was brought determines upon application that the person is fairly and reasonably entitled to indemnity for the expenses which the court deems to be proper.

To the extent a director, officer, employee or agent is successful in the defense of such an action, suit or proceeding, the corporation is required by Delaware corporate law to indemnify such person for reasonable expenses incurred thereby. Expenses (including attorneys' fees) incurred by such persons in defending any action, suit or proceeding may be paid in advance of the final disposition of such action, suit or proceeding upon receipt of an undertaking by or on behalf of that person to repay the amount if it is ultimately determined that that person is not entitled to be so indemnified.

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However, the Singapore Companies Act allows a company to:

- purchase and maintain for any officer insurance against any liability which by law would otherwise attach to such officer in connection with any negligence, default, breach of duty or breach of trust in relation to the company;
- indemnify such officer against any liability incurred by him or her to a person other than the company except when the indemnity is against any liability (i) of the officer to pay a fine in criminal proceedings, (ii) of the officer to pay a penalty in respect of non-compliance with any regulatory requirements, (iii) incurred by the officer in defending criminal proceedings in which he or she is convicted, (iv) incurred by the officer in defending civil proceedings brought by the company or a related company in which judgment is given against him or her, or (v) incurred by the officer in connection with an application for relief under Section 76A(13) or Section 391 of the Singapore Companies Act in which the court refuses to grant him or her relief.

In cases where a director is sued by the company, the Singapore Companies Act gives the court the power to relieve directors either wholly or partially from their liability for their negligence, default, breach of duty or breach of trust. In order for relief to be obtained, it must be shown that (i) the director acted reasonably and honestly; and (ii) it is fair, having regard to all the circumstances of the case including those connected with such director's appointment, to excuse the director. However, Singapore case law has indicated that such relief will not be granted to a director who has benefited as a result of his or her breach of trust.

Our constitution provides that subject to the provisions of the Singapore Companies Act and every other applicable statute for the time being in force concerning companies and affecting the company, the directors and officers are entitled to be indemnified against costs, charges, fees and other expenses that may be incurred by such person in defending any proceedings, whether civil or criminal,

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**Shareholder Approval of Issuances of Shares**

Under Delaware law, the board of directors has the authority to issue, from time to time, capital stock in its sole discretion, as long as the number of shares to be issued, together with those shares that are already issued and outstanding and those shares reserved to be issued, do not exceed the authorized capital for the corporation as previously approved by the stockholders and set forth in the corporation's certificate of incorporation. Under the foregoing circumstances, no additional stockholder approval is required for the issuance of capital stock. Under Delaware law, stockholder approval is required (i) for any amendment to the corporation's certificate of incorporation to increase the authorized capital and (ii) for the issuance of stock in a direct merger transaction where the number of shares exceeds 20% of the corporation's shares outstanding prior to the transaction, regardless of whether there is sufficient authorized capital.

**Shareholder Approval of Business Combinations**

Generally, under the Delaware General Corporation Law, completion of a merger, consolidation, or the sale, lease or exchange of substantially all of a corporation's assets or dissolution requires approval by the board of directors and by a majority (unless the certificate of

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which relates to anything done or omitted or alleged to be done or omitted by such person as a director, officer or employee of the company and in which judgment is given in his or her favor or in which such person is acquitted or in which the courts have granted relief pursuant to the provisions of the Singapore Companies Act, provided that such indemnity shall not extend to any liability which by law would otherwise attach to him or her in respect of any negligence, default, breach of duty or breach of trust of which he or she may be guilty in relation to the company, or which would otherwise result in such indemnity being voided under applicable Singapore laws.

Section 161 of the Singapore Companies Act provides that notwithstanding anything in the company's constitution, the directors shall not exercise any power to issue shares without prior approval of the Company's shareholders in a general meeting. The affirmative vote of shareholders holding at least a majority of the ordinary shares held by the shareholders present in person or represented by proxy at the annual general meeting and entitled to vote is required for this authorization. Once this shareholders' approval is obtained, unless previously revoked or varied by the company in general meeting, it continues in force until the conclusion of the next annual general meeting or the expiration of the period within which the next annual general meeting after that date is required by law to be held, whichever is earlier; but any approval may be revoked or varied by the company in general meeting. Notwithstanding this general authorization to allot and issue our ordinary shares, WAVE will be required to seek shareholder approval with respect to future issuances of ordinary shares, where required under the NASDAQ Stock Market rules, such as if we were to propose an issuance of ordinary shares that would result in a change in control of WAVE or in connection with a transaction involving the issuance of ordinary shares representing 20% or more of our outstanding ordinary shares.

The Singapore Companies Act mandates that specified corporate actions require approval by the shareholders in a general meeting, notably:

- notwithstanding anything in the company's constitution, directors are not permitted to

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incorporation requires a higher percentage) of outstanding stock of the corporation entitled to vote.

The Delaware General Corporation Law also requires a special vote of stockholders in connection with a business combination with an “interested stockholder” as defined in section 203 of the Delaware General Corporation Law. See “—Interested Shareholders” above.

### **Shareholder Action Without A Meeting**

Under the Delaware General Corporation Law, unless otherwise provided in a corporation’s certificate of incorporation, any action that may be taken at a meeting of stockholders may be taken without a meeting, without prior notice and without a vote if the holders of outstanding stock, having not less than the minimum number of votes that would be necessary to authorize such action, consent in writing. It is not uncommon for a corporation’s certificate of incorporation to prohibit such action.

### **Shareholder Suits**

Under the Delaware General Corporation Law, a stockholder may bring a derivative action on behalf of the corporation to enforce the rights of the corporation. An individual also may commence a class action suit on behalf of himself or herself and other similarly situated stockholders where the requirements for maintaining a

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carry into effect any proposals for disposing of the whole or substantially the whole of the company’s undertaking or property unless those proposals have been approved by shareholders in a general meeting;

- the company may by special resolution resolve that it be wound up voluntarily;
- subject to the constitution of each amalgamating company, an amalgamation proposal must be approved by the shareholders of each amalgamating company via special resolution at a general meeting;
- a compromise or arrangement proposed between a company and its shareholders, or any class of them, must, among other things, be approved by a majority in number representing three-fourths in value of the shareholders or class of shareholders present and voting either in person or by proxy at the meeting ordered by the court; and
- notwithstanding anything in the company’s constitution, the directors may not, without the prior approval of shareholders, issue shares, including shares being issued in connection with corporate actions.

There are no equivalent provisions under the Singapore Companies Act in respect of public companies which are listed on a securities exchange, like our company.

### *Standing*

Only registered shareholders of our company reflected in our register of members are recognized under Singapore law as shareholders of our company. As a result, only registered shareholders have legal



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class action under the Delaware General Corporation Law have been met. A person may institute and maintain such a suit only if such person was a stockholder at the time of the transaction which is the subject of the suit or his or her shares thereafter devolved upon him or her by operation of law.

Additionally, under Delaware case law, the plaintiff generally must be a stockholder not only at the time of the transaction which is the subject of the suit, but also through the duration of the derivative suit. The Delaware General Corporation Law also requires that the derivative plaintiff make a demand on the directors of the corporation to assert the corporate claim before the suit may be prosecuted by the derivative plaintiff, unless such demand would be futile.

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standing to institute shareholder actions against us or otherwise seek to enforce their rights as shareholders. Holders of book-entry interests in our shares will be required to exchange their book-entry interests for certificated shares and to be registered as shareholders in our shareholder register in order to institute or enforce any legal proceedings or claims against us, our directors or our executive officers relating to shareholder rights. A holder of book-entry interests may become a registered shareholder of our company by exchanging its interest in our shares for certificated shares and being registered in our shareholder register.

*Personal remedies in cases of oppression or injustice*

A shareholder may apply to the court for an order under Section 216 of the Singapore Companies Act to remedy situations where (i) the company's affairs are being conducted or the powers of the company's directors are being exercised in a manner oppressive to, or in disregard of the interests of one or more of the shareholders or holders of debentures of the company, including the applicant; or (ii) the company has done an act, or threatens to do an act, or the shareholders or holders of debentures have passed some resolution, which unfairly discriminates against, or is otherwise prejudicial to, one or more of the company's shareholders or holders of debentures, including the applicant.

Singapore courts have wide discretion as to the relief they may grant under such application, including, *inter alia*, directing or prohibiting any act or cancelling or varying any transaction or resolution, providing that the company be wound up, or authorizing civil proceedings to be brought in the name of or on behalf of the company by such person or persons and on such terms as the court directs.

*Derivative actions and arbitrations*

The Singapore Companies Act has a provision which provides a mechanism enabling shareholders to apply to the court for leave to bring a derivative action or commence an arbitration on behalf of the company. Derivative actions are also allowed as a common law action.

Applications are generally made by shareholders of the company, but courts are given the discretion to allow such persons as they deem proper to apply (e.g., beneficial owner of shares).

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It should be noted that this provision of the Singapore Companies Act is primarily used by minority shareholders to bring an action or arbitration in the name and on behalf of the company or intervene in an action or arbitration to which the company is a party for the purpose of prosecuting, defending or discontinuing the action or arbitration on behalf of the company. Prior to commencing a derivative action or arbitration, the court must be satisfied that (i) 14 days' notice has been given to the directors of the company of the party's intention to commence such action or arbitration if the directors of the company do not bring, diligently prosecute or defend or discontinue the action, (ii) the party is acting in good faith and (iii) it appears to be prima facie in the interests of the company that the action be brought, prosecuted, defended or discontinued.

*Class actions*

The concept of class action suits, which allows individual shareholders to bring an action seeking to represent the class or classes of shareholders, does not exist in Singapore. However, it is possible as a matter of procedure for a number of shareholders to lead an action and establish liability on behalf of themselves and other shareholders who join in or who are made parties to the action. These shareholders are commonly known as "lead plaintiffs."

**Distributions and Dividends; Repurchases and Redemptions**

The Delaware General Corporation Law permits a corporation to declare and pay dividends out of statutory surplus or, if there is no surplus, out of net profits for the fiscal year in which the dividend is declared and/or for the preceding fiscal year as long as the amount of capital of the corporation following the declaration and payment of the dividend is not less than the aggregate amount of the capital represented by the issued and outstanding stock of all classes having a preference upon the distribution of assets.

Under the Delaware General Corporation Law, any corporation may purchase or redeem its own shares, except that generally it may not purchase or redeem these shares if the capital of the corporation is impaired at the time or would become impaired as a result of the redemption. A corporation may, however, purchase or redeem out of capital shares that are entitled upon any

The Singapore Companies Act provides that no dividends can be paid to shareholders except out of profits.

The Singapore Companies Act does not provide a definition on when profits are deemed to be available for the purpose of paying dividends and this is accordingly governed by case law.

Our constitution provides that no dividend can be paid otherwise than out of profits.

*Acquisition of a company's own shares*

The Singapore Companies Act generally prohibits a company from acquiring its own shares or purporting to acquire the shares of its holding company or ultimate holding company, whether directly or

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distribution of its assets to a preference over another class or series of its shares if the shares are to be retired and the capital reduced.

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indirectly, in any way, subject to certain exceptions. Any contract or transaction made or entered into in contravention of the aforementioned prohibition by which a company acquires or purports to acquire its own shares or shares in its holding company or ultimate holding company is void. However, provided that it is expressly permitted to do so by its constitution and subject to the special conditions of each permitted acquisition contained in the Singapore Companies Act, a company may:

- redeem redeemable preferred shares on such terms and in such manner as is provided by its constitution. Preferred shares may be redeemed out of capital only if all the directors make a solvency statement in relation to such redemption in accordance with the Singapore Companies Act, and the company lodges a copy of the statement with the Registrar of Companies;
- whether listed on a securities exchange in Singapore or any securities exchange outside Singapore, or not, make an off-market purchase of its own shares in accordance with an equal access scheme authorized in advance at a general meeting;
- make a selective off-market purchase of its own shares in accordance with an agreement authorized in advance at a general meeting by a special resolution where persons whose shares are to be acquired and their associated persons have abstained from voting; and
- whether listed on a securities exchange in Singapore or any securities exchange outside Singapore, or not, make an acquisition of its own shares under a contingent purchase contract which has been authorized in advance at a general meeting by a special resolution.

A company may also purchase its own shares by an order of a Singapore court.

- The total number of ordinary shares, stocks in any class and non-redeemable preferred shares that may be acquired by a company in a relevant period may not exceed 20% (or such other prescribed percentage) of the total number of ordinary shares, stocks in any class or non-redeemable preferred

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shares (as the case may be) as of the date of the resolution to acquire the shares. Where, however, a company has reduced its share capital by a special resolution or a Singapore court made an order to such effect, the total number of ordinary shares, stocks in any class or non-redeemable preferred shares shall be taken to be the total number of ordinary shares, stocks in any class or non-redeemable preferred shares (as the case may be) as altered by the special resolution or the order of the court. Payment, including any expenses (including brokerage or commission) incurred directly in the acquisition by the company of its own shares, may be made out of the company's profits or capital, provided that the company is solvent.

*Financial assistance for the acquisition of shares*

A public company or a company whose holding company or ultimate holding company is a public company may not give financial assistance to any person whether directly or indirectly for the purpose of or in connection with:

- the acquisition or proposed acquisition of shares in the company or units of such shares; or
- the acquisition or proposed acquisition of shares in its holding company or ultimate holding company, or units of such shares.

Financial assistance may take the form of a loan, the giving of a guarantee, the provision of security, the release of an obligation, the release of a debt or otherwise.

However, it should be noted that a company may provide financial assistance for the acquisition of its shares or shares in its holding company or ultimate holding company if it complies with the requirements (including approval by special resolution) set out in the Singapore Companies Act.

Our constitution provides that subject to the provisions of the Singapore Companies Act, we may purchase or otherwise acquire our own shares upon such terms and subject to such conditions as we may deem fit. We may deal with any such shares which is so purchased or acquired by us in such manner as

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**Transactions with Officers or Directors**

Under the Delaware General Corporation Law, some contracts or transactions in which one or more of a corporation's directors has an interest are not void or voidable because of such interest provided that some conditions, such as obtaining the required approval and fulfilling the requirements of good faith and full disclosure, are met. Under the Delaware General Corporation Law, either (a) the stockholders or the board of directors of a corporation must approve in good faith any such contract or transaction after full disclosure of the material facts or (b) the contract or transaction must have been "fair" as to the corporation at the time it was approved. If board approval is sought, the contract or transaction must be approved in good faith by a majority of disinterested directors after full disclosure of material facts, even though less than a majority of a quorum.

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may be permitted under the Singapore Companies Act (including, without limitation, hold such shares as treasury shares).

Under the Singapore Companies Act, directors and the chief executive officer of the company are not prohibited from dealing with the company, but where they have an interest, whether directly or indirectly, in a transaction with the company, that interest must be disclosed to the board of directors. In particular, every director or chief executive officer who is in any way, whether directly or indirectly, interested in a transaction or proposed transaction with the company must, as soon practicable after the relevant facts have come to such director's or, as the case may be, the chief executive officer's knowledge, declare the nature of such interest at a meeting of the directors or send a written notice to the company detailing the nature, character and extent of the interest.

In addition, a director or chief executive officer who holds any office or possesses any property which directly or indirectly might create interests in conflict with such director's or, as the case may be, the chief executive officer's duties as director or chief executive officer is required to declare the fact and the nature, character and extent of the conflict at a meeting of directors or send a written notice to the company detailing the nature, character and extent of the conflict.

The Singapore Companies Act extends the scope of this statutory duty of a director and chief executive officer to disclose any interests by pronouncing that an interest of a member of a director's or, as the case may be, the chief executive officer's family (including spouse, son, adopted son, step-son, daughter, adopted daughter and step-daughter) will be treated as an interest of the director or chief executive officer (as the case may be).

A director or chief executive officer shall not be deemed to be interested or at any time interested in a transaction or proposed transaction where the interest of the director or chief executive officer (as the case may be) consists only of being a member or creditor of a corporation which is interested in the transaction or proposed transaction with the company if the interest may properly be regarded as immaterial. Where the transaction or the proposed transaction

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relates to any loan to the company, no disclosure need be made where the director or chief executive officer (as the case may be) has only guaranteed the repayment of such loan, unless the constitution provides otherwise.

Further, where the transaction or the proposed transaction has been or will be made with or for the benefit of a related corporation (i.e., the holding company, subsidiary or subsidiary of a common holding company), the director or chief executive officer shall not be deemed to be interested or at any time interested in such transaction or proposed transaction by virtue of only being a director or chief executive officer (as the case may be) of the related corporation, unless the constitution provides otherwise.

Subject to specified exceptions, the Singapore Companies Act prohibits a company (other than an exempt private company) from, among others, (i) making a loan or a quasi-loan to its directors or to directors of a related corporation, or giving a guarantee or security in connection with such a loan or quasi-loan, (ii) entering into a credit transaction as creditor for the benefit of its directors or the directors of a related corporation, or giving a guarantee or any security in connection with such a credit transaction, (iii) arranging an assignment to or assumption by us of any rights, obligations or liabilities under a transaction which, if it had been entered into by us, would have been a restricted transaction, and (iv) taking part in an arrangement under which another person enters into a transaction which, if entered into by us, would have been a restricted transaction and such person obtains a benefit from us or our related corporation pursuant thereto. Companies are also prohibited from entering into any of these transactions with the spouse or children (whether adopted or natural or step-children) of its directors.

Subject to specified exceptions, the Singapore Companies Act prohibits a company (other than an exempt private company) from making a loan or a quasi-loan to another company or a limited liability partnership or entering into any guarantee or providing any security in connection with a loan or a quasi-loan made to another company or a limited liability partnership by a person other than the first- mentioned company, entering into a credit

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transaction as a creditor for the benefit of another company or a limited liability partnership, or entering into any guarantee or provide any security in connection with a credit transaction entered into by any person for the benefit of another company or a limited liability partnership if a director or directors of the first-mentioned company is or together are interested in 20% or more of the total voting power in the other company or the limited liability partnership (as the case may be).

Such prohibition shall extend to apply to a loan, quasi-loan, credit transaction made by a company (other than an exempt private company), a credit transaction made by a company (other than an exempt private company) for the benefit of another company or limited liability partnership and a guarantee or security provided by a company (other than an exempt private company) in connection with a loan or quasi-loan made by a person other than the first-mentioned company to another company or a limited liability partnership where such other company or limited liability partnership is incorporated or formed (as the case may be) outside Singapore, if a director or directors of the first-mentioned company (a) is or together are interested in 20% or more of the total voting power in the other company or limited liability partnership or (b) in a case where the other company does not have a share capital, exercises or together exercise control over the other company whether by reason of having the power to appoint directors or otherwise.

The Singapore Companies Act also provides that an interest of a member of a director's family (including spouse, son, adopted son, step-son, daughter, adopted daughter and step-daughter) will be treated as an interest of the director.

**Dissenters' Rights**

Under the Delaware General Corporation Law, a stockholder of a corporation participating in some types of major corporate transactions may, under varying circumstances, be entitled to appraisal rights pursuant to which the stockholder may receive cash in the amount of the fair market value of his or her shares in lieu of the consideration he or she would otherwise receive in the transaction.

There are no equivalent provisions in Singapore under the Singapore Companies Act.

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**Cumulative Voting**

Under the Delaware General Corporation Law, a corporation may adopt in its bylaws that its directors shall be elected by cumulative voting. When directors are elected by cumulative voting, a stockholder has the number of votes equal to the number of shares held by such stockholder times the number of directors nominated for election. The stockholder may cast all of such votes for one director or among the directors in any proportion.

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There are no equivalent provisions in Singapore under the Singapore Companies Act.



## PLAN OF DISTRIBUTION

We may offer securities under this prospectus from time to time pursuant to underwritten public offerings, negotiated transactions, block trades or a combination of these methods. We may sell the securities (1) through underwriters or dealers, (2) through agents or (3) directly to one or more purchasers, or through a combination of such methods. We may distribute the securities from time to time in one or more transactions at:

- a fixed price or prices, which may be changed from time to time;
- market prices prevailing at the time of sale;
- prices related to the prevailing market prices; or
- negotiated prices.

We may directly solicit offers to purchase the securities being offered by this prospectus. We may also designate agents to solicit offers to purchase the securities from time to time. We will name in a prospectus supplement any underwriter or agent involved in the offer or sale of the securities.

If we utilize a dealer in the sale of the securities being offered by this prospectus, we will sell the securities to the dealer, as principal. The dealer may then resell the securities to the public at varying prices to be determined by the dealer at the time of resale.

If we utilize an underwriter in the sale of the securities being offered by this prospectus, we will execute an underwriting agreement with the underwriter at the time of sale, and we will provide the name of any underwriter in the prospectus supplement which the underwriter will use to make resales of the securities to the public. In connection with the sale of the securities, we, or the purchasers of the securities for whom the underwriter may act as agent, may compensate the underwriter in the form of underwriting discounts or commissions. The underwriter may sell the securities to or through dealers, and the underwriter may compensate those dealers in the form of discounts, concessions or commissions.

With respect to underwritten public offerings, negotiated transactions and block trades, we will provide in the applicable prospectus supplement information regarding any compensation we pay to underwriters, dealers or agents in connection with the offering of the securities, and any discounts, concessions or commissions allowed by underwriters to participating dealers. Underwriters, dealers and agents participating in the distribution of the securities may be deemed to be underwriters within the meaning of the Securities Act of 1933, as amended, or the Securities Act, and any discounts and commissions received by them and any profit realized by them on resale of the securities may be deemed to be underwriting discounts and commissions. We may enter into agreements to indemnify underwriters, dealers and agents against civil liabilities, including liabilities under the Securities Act, or to contribute to payments they may be required to make in respect thereof.

If so indicated in the applicable prospectus supplement, we will authorize underwriters or other persons acting as our agents to solicit offers by certain institutions to purchase securities from us pursuant to delayed delivery contracts providing for payment and delivery on the date stated in the prospectus supplement. Each contract will be for an amount not less than, and the aggregate amount of securities sold pursuant to such contracts shall not be less nor more than, the respective amounts stated in the prospectus supplement. Institutions with whom the contracts, when authorized, may be made include commercial and savings banks, insurance companies, pension funds, investment companies, educational and charitable institutions and other institutions, but shall in all cases be subject to our approval. Delayed delivery contracts will not be subject to any conditions except that:

- the purchase by an institution of the securities covered under that contract shall not at the time of delivery be prohibited under the laws of the jurisdiction to which that institution is subject; and
- if the securities are also being sold to underwriters acting as principals for their own account, the underwriters shall have purchased such securities not sold for delayed delivery. The underwriters and other persons acting as our agents will not have any responsibility in respect of the validity or performance of delayed delivery contracts.

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Our ordinary shares sold pursuant to the registration statement of which this prospectus is a part will be authorized for quotation and trading on The NASDAQ Global Market. The applicable prospectus supplement will contain information, where applicable, as to any other listing, if any, on The NASDAQ Global Market or any securities market or other securities exchange of the securities covered by the prospectus supplement. We can make no assurance as to the liquidity of or the existence of trading markets for any of the securities.

In order to facilitate the offering of the securities, certain persons participating in the offering may engage in transactions that stabilize, maintain or otherwise affect the price of the securities. This may include over-allotments or short sales of the securities, which involve the sale by persons participating in the offering of more securities than we sold to them. In these circumstances, these persons would cover such over-allotments or short positions by making purchases in the open market or by exercising their over-allotment option. In addition, these persons may stabilize or maintain the price of the securities by bidding for or purchasing the applicable security in the open market or by imposing penalty bids, whereby selling concessions allowed to dealers participating in the offering may be reclaimed if the securities sold by them are repurchased in connection with stabilization transactions. The effect of these transactions may be to stabilize or maintain the market price of the securities at a level above that which might otherwise prevail in the open market. These transactions may be discontinued at any time.

In compliance with the guidelines of the Financial Industry Regulatory Authority, Inc., or FINRA, the maximum consideration or discount to be received by any FINRA member or independent broker dealer may not exceed 8% of the aggregate amount of the securities offered pursuant to this prospectus and any applicable prospectus supplement.

The underwriters, dealers and agents may engage in other transactions with us, or perform other services for us, in the ordinary course of their business.

## ENFORCEMENT OF CIVIL LIABILITIES UNDER UNITED STATES SECURITIES LAWS

We are incorporated under the laws of the Republic of Singapore, and certain of our officers and directors are residents outside the United States. Moreover, a majority of our consolidated assets are located outside the United States. Although we are incorporated outside the United States, we have agreed to accept service of process in the United States through our agent designated for that purpose. Nevertheless, since a majority of the consolidated assets owned by us are located outside the United States any judgment obtained in the United States against us may not be enforceable within the United States. There is no treaty between the United States and Singapore providing for the reciprocal recognition and enforcement of judgments in civil and commercial matters and a final judgment for the payment of money rendered by any federal or state court in the United States based on civil liability, whether or not predicated solely upon the federal securities laws, would, therefore, not be automatically enforceable in Singapore.

There is uncertainty as to whether judgments of courts in the United States based upon the civil liability provisions of the federal securities laws of the United States would be recognized or enforceable in Singapore. In making a determination as to enforceability of a foreign judgment, the Singapore courts would have regard to whether the judgment was final and conclusive and on the merits of the case, given by a court of law of competent jurisdiction, and was expressed to be for a fixed sum of money. In general, a foreign judgment would be enforceable in Singapore unless procured by fraud, or the proceedings in which such judgments were obtained were not conducted in accordance with principles of natural justice, or the enforcement thereof would be contrary to public policy, or if the judgment would conflict with earlier judgment(s) from Singapore or earlier foreign judgment(s) recognized in Singapore, or if the judgment would amount to the direct or indirect enforcement of foreign penal, revenue or other public laws. Civil liability provisions of the federal and state securities law of the United States permit the award of punitive damages against us, our directors and officers. Singapore courts would not recognize or enforce judgments against us, our directors and officers to the extent that doing so would amount to the direct or indirect enforcement of foreign penal, revenue or other public laws. It is uncertain as to whether a judgment of the courts of the United States under civil liability provisions of the federal securities law of the United States would be regarded by the Singapore courts as being pursuant to foreign, penal, revenue or other public laws. Such a determination has yet to be made by a Singapore court in a reported decision.

In addition, holders of book-entry interests in our shares will be required to exchange such interests for certificated shares and to be registered as shareholders in our shareholder register in order to have standing to bring a shareholder suit and, if successful, to enforce a foreign judgment against us, our directors or our executive officers in the Singapore courts.

A holder of book-entry interests in our shares may become a registered shareholder of our company by exchanging such holder's interest in our shares for certificated shares and being registered in our shareholder register. The administrative process of becoming a registered shareholder could result in delays prejudicial to any legal proceeding or enforcement action.

## LEGAL MATTERS

The validity of the securities offered pursuant to this prospectus and certain other matters of Singapore law will be passed upon for us by WongPartnership LLP. Selected legal matters as to U.S. law in connection with the offering of the debt securities offered pursuant to this prospectus will be passed upon for us by Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., Boston, Massachusetts. Additional legal matters may be passed upon for us, or any underwriters, dealers or agents by counsel that we will name in the applicable prospectus supplement.

## EXPERTS

The consolidated financial statements of WAVE Life Sciences Ltd. as of December 31, 2015 and 2014, and for the three-year period ended December 31, 2015, have been incorporated by reference herein and in the registration statement in reliance upon the report of KPMG LLP, independent registered public accounting firm, incorporated by reference herein, and upon the authority of KPMG LLP as experts in accounting and auditing.

## WHERE YOU CAN FIND MORE INFORMATION

We are subject to the reporting requirements of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), and file annual, quarterly and current reports, proxy statements and other information with the SEC. You may read and copy these reports, proxy statements and other information at the SEC’s public reference facilities at 100 F Street, N.E., Room 1580, Washington, D.C. 20549. You can request copies of these documents by writing to the SEC and paying a fee for the copying cost. Please call the SEC at 1-800-SEC-0330 for more information about the operation of the public reference facilities. SEC filings are also available at the SEC’s web site at <http://www.sec.gov>. Our ordinary shares are listed on The NASDAQ Global Market, and you can read and inspect our filings at the offices of the Financial Industry Regulatory Authority at 1735 K Street, Washington, D.C. 20006.

This prospectus is only part of a registration statement on Form S-3 that we have filed with the SEC under the Securities Act of 1933, as amended, and therefore omits certain information contained in the registration statement. We have also filed exhibits and schedules with the registration statement that are excluded from this prospectus, and you should refer to the applicable exhibit or schedule for a complete description of any statement referring to any contract or other document. You may inspect a copy of the registration statement, including the exhibits and schedules, without charge, at the public reference room or obtain a copy from the SEC upon payment of the fees prescribed by the SEC.

You can also access our SEC filings on our website, [www.wavelifesciences.com](http://www.wavelifesciences.com), at “Investors & Media—Financial Information—SEC Filings.” The information set forth on our website is not part of this prospectus.

## INCORPORATION OF DOCUMENTS BY REFERENCE

The SEC allows us to “incorporate by reference” information that we file with them. Incorporation by reference allows us to disclose important information to you by referring you to those other documents. The information incorporated by reference is an important part of this prospectus, and information that we file later with the SEC will automatically update and supersede this information. We filed a registration statement on Form S-3 under the Securities Act of 1933, as amended, with the SEC with respect to the securities we may offer pursuant to this prospectus. This prospectus omits certain information contained in the registration statement, as permitted by the SEC. You should refer to the registration statement, including the exhibits, for further information about us and the securities we may offer pursuant to this prospectus. Statements in this prospectus regarding the provisions of certain documents filed with, or incorporated by reference in, the registration statement are not necessarily complete and each statement is qualified in all respects by that reference. Copies of all or any part of the registration statement, including the documents incorporated by reference or the exhibits, may be obtained upon payment of the prescribed rates at the offices of the SEC listed above in “Where You Can Find More Information.” The documents we are incorporating by reference are:

- our Annual Report on Form 10-K for the year ended December 31, 2015 filed on March 30, 2016, as amended by the Form 10-K/A filed on April 29, 2016;
- our Quarterly Reports on Form 10-Q for the quarters ended March 31, 2016, June 30, 2016 and September 30, 2016 filed on May 16, 2016, August 15, 2016 and November 9, 2016, respectively;
- our Current Reports on Form 8-K filed on March 11, 2016, May 5, 2016, August 22, 2016, August 23, 2016, September 27, 2016, November 10, 2016, January 6, 2017 and January 6, 2017 (in each case, except for information contained therein which is furnished rather than filed);
- the portions of our Definitive Proxy Statement on Schedule 14A filed on July 15, 2016 that are deemed “filed” with the SEC under the Exchange Act;
- the description of our ordinary shares contained in our Registration Statement on Form 8-A filed on November 9, 2015, including any amendment or report filed for the purpose of updating such description; and
- all reports and other documents subsequently filed by us pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act after the date of this prospectus and prior to the termination or completion of the offering of securities under this prospectus shall be deemed to be incorporated by reference in this prospectus and to be a part hereof from the date of filing such reports and other documents.

The SEC file number for each of the documents listed above is 001-37627.

In addition, all reports and other documents filed by us pursuant to the Exchange Act after the date of the initial registration statement and prior to effectiveness of the registration statement shall be deemed to be incorporated by reference into this prospectus.

Any statement contained in this prospectus or in a document incorporated or deemed to be incorporated by reference into this prospectus will be deemed to be modified or superseded for purposes of this prospectus to the extent that a statement contained in this prospectus or any other subsequently filed document that is deemed to be incorporated by reference into this prospectus modifies or supersedes the statement. Any statement so modified or superseded will not be deemed, except as so modified or superseded, to constitute a part of this prospectus.

You may request, orally or in writing, a copy of any or all of the documents incorporated herein by reference. These documents will be provided to you at no cost, by contacting:

WAVE Life Sciences Ltd.  
c/o 733 Concord Avenue  
Cambridge, MA 02138, USA  
ATTN: Investor Relations

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You should rely only on information contained in, or incorporated by reference into, this prospectus and any prospectus supplement. We have not authorized anyone to provide you with information different from that contained in this prospectus or incorporated by reference in this prospectus. We are not making offers to sell the securities in any jurisdiction in which such an offer or solicitation is not authorized or in which the person making such offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make such offer or solicitation.

**PART II****INFORMATION NOT REQUIRED IN PROSPECTUS****Item 14. Other Expenses of Issuance and Distribution**

The following table sets forth an itemization of the various expenses, all of which we will pay, in connection with the issuance and distribution of the securities being registered.

SEC Registration Fee	\$57,950
FINRA Review Fee	\$75,500
Legal Fees and Expenses	(1)
Accounting Fees and Expenses	(1)
Miscellaneous	(1)
Total	<u>\$ (1)</u>

(1) These fees will be based upon factors determined at the time securities are offered and accordingly cannot be estimated at this time.

**Item 15. Indemnification of Directors and Officers**

Under Section 172 of the Singapore Companies Act, any provision exempting or indemnifying the officers of a company (including directors) against any liability that would otherwise attach to them for any negligence, default, breach of duty or breach of trust in relation to the company is void. However, a company is not prohibited from (a) purchasing and maintaining for any such individual insurance against any such liability, or (b) indemnifying such individual against any liability incurred by him or her to a person other than the company except when the indemnity is against any liability (i) of the individual to pay a fine in criminal proceedings, (ii) of the individual to pay a penalty in respect of non-compliance with any regulatory requirements, (iii) incurred by the individual in defending criminal proceedings in which he or she is convicted, (iv) incurred by the individual in defending civil proceedings brought by the company or a related company in which judgment is given against him or her, or (v) incurred by the individual in connection with an application for relief under Section 76A(13) or Section 391 of the Singapore Companies Act in which the court refuses to grant him or her relief.

Subject to the Singapore Companies Act and every other Singapore statute for the time being in force concerning companies and affecting us, our constitution provides that each of our directors and officers and those of our subsidiaries and affiliates shall be entitled to be indemnified by us or such subsidiary against any liability incurred by him or her arising out of or in connection with any acts, omissions or conduct, actual or alleged, by such individual acting in his or her capacity as either director, officer, secretary or employee of us or the relevant subsidiary, except to such extent as would not be permitted under applicable Singapore laws or which would otherwise result in such indemnity being void in accordance with the provisions of the Singapore Companies Act.

Subject to the Singapore Companies Act and every other Singapore statute for the time being in force and affecting the company, we may indemnify our directors and officers against costs, charges, fees and other expenses that may be incurred by any of them in defending any proceedings (whether civil or criminal) relating to anything done or omitted or alleged to be done or omitted by such person acting in his or her capacity as a director, officer or employee of our company, in which judgment is given in his or her favor, or in which he or she is acquitted or in which the courts have granted relief pursuant to the provisions of the Singapore Companies Act, provided that such indemnity shall not extend to any liability which by law would otherwise attach to him or her in respect of any negligence, default, breach of duty or breach of trust of which he may be guilty in relation to our company, or which would otherwise result in such indemnity being voided under applicable Singapore laws. No director or officer of our company shall be liable for any acts, omissions, neglects, defaults or other conduct

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of any other director or officer, and to the extent permitted by Singapore law, our company shall contribute to the amount paid or payable by a director or officer in such proportion as is appropriate to reflect the relative fault of such director or officer, taking into consideration any other relevant equitable considerations, including acts of other directors or officers and our company, and the relative fault of such parties in respect thereof.

In addition, subject to the Singapore Companies Act and every other Singapore statute for the time being in force and affecting our company, no director, managing director or other officer shall be liable for the acts, receipts, neglects or defaults of any other director or officer, or for joining in any receipt or other act for conformity, or for any loss or expense incurred by us, through the insufficiency or deficiency of title to any property acquired by order of the directors for us or for the insufficiency or deficiency of any security upon which any of our moneys are invested or for any loss or damage arising from the bankruptcy, insolvency or tortious act of any person with whom any moneys, securities or effects are deposited, or any other loss, damage or misfortune which happens in the execution of his duties, unless the same happens through his own negligence, default, breach of duty or breach of trust.

We have entered into deeds of indemnity with each of our directors and officers. These agreements require us to indemnify these individuals to the fullest extent permitted under Singapore law against liabilities that may arise by reason of their service to us, as a result of any proceeding against them as to which they could be indemnified. These indemnification rights shall not be exclusive of any other right which an indemnified person may have or hereafter acquire under any statute, provision of our constitution, agreement, vote of shareholders or disinterested directors or otherwise if such indemnified person is subsequently found to have been negligent or otherwise have breached indemnified person's trust or fiduciary duties or to be in default thereof, or where the Singapore courts have declined to grant relief.

We expect to maintain standard policies of insurance that provide coverage (1) to our directors and officers against loss rising from claims made by reason of breach of duty or other wrongful act and (2) to us with respect to indemnification payments that we may make to such directors and officers.

Any underwriting agreements that we may enter into will likely provide for the indemnification of us, our controlling persons, our directors and certain of our officers by the underwriters against certain liabilities, including liabilities under the Securities Act of 1933, as amended.

### **Item 16. Exhibits**

The exhibits to this registration statement are listed in the Exhibit Index to this registration statement, which Exhibit Index is hereby incorporated by reference.

### **Item 17. Undertakings**

- (a) The undersigned registrant hereby undertakes:
  - (1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
    - (i) To include any prospectus required by section 10(a)(3) of the Securities Act of 1933;
    - (ii) To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Commission pursuant to Rule 424(b) if, in the aggregate, the



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changes in volume and price represent no more than a 20% change in the maximum aggregate offering price set forth in the “Calculation of Registration Fee” table in the effective registration statement; and

- (iii) To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;

*provided, however*, that paragraphs (a)(1)(i), (a)(1)(ii) and (a)(1)(iii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Commission by the registrant pursuant to section 13 or section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.

- (2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
- (3) To remove from registration by means of a post-effective amendment any of the securities being registered which remain unsold at the termination of the offering.
- (4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:
  - (i) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and
  - (ii) Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5), or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii), or (x) for the purpose of providing the information required by section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof. *Provided, however*, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.
- (5) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:
  - (i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;
  - (ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;

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- (iii) The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and
- (iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.
- (b) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to section 13(a) or section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
- (c) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Act and will be governed by the final adjudication of such issue.
- (d) The undersigned registrant hereby undertakes to file an application for the purpose of determining the eligibility of the trustee to act under subsection (a) of Section 310 of the Trust Indenture Act ("Act") in accordance with the rules and regulations prescribed by the Commission under section 305(b)(2) of the Act.

**SIGNATURES**

Pursuant to the requirements of the Securities Act of 1933, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in Cambridge, Massachusetts, on January 27, 2017.

WAVE Life Sciences Ltd.

By /s/ Paul B. Bolno, M.D.  
Paul B. Bolno, M.D.  
President and Chief Executive Officer

Pursuant to the requirements of the Securities Act of 1933, this registration statement has been signed below by the following persons in the capacities and on the dates indicated.

<u>Signature</u>	<u>Title</u>	<u>Date</u>
<u>/s/ Paul B. Bolno, M.D.</u> Paul B. Bolno, M.D.	Chief Executive Officer and President and Director ( <i>principal executive officer</i> )	January 27, 2017
<u>/s/ Keith Regnante</u> Keith Regnante	Chief Financial Officer ( <i>principal financial and accounting officer</i> )	January 27, 2017
<u>*</u> Gregory L. Verdine, Ph.D.	Chairman of the Board	January 27, 2017
<u>*</u> Christian Henry	Director	January 27, 2017
<u>*</u> Peter Kolchinsky, Ph.D.	Director	January 27, 2017

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<u>Signature</u>	<u>Title</u>	<u>Date</u>
* _____ Koji Miura	Director	January 27, 2017
* _____ Ken Takanashi	Director	January 27, 2017
* _____ Masaharu Tanaka	Director	January 27, 2017
* _____ Takeshi Wada, Ph.D.	Director	January 27, 2017
*By: <u>/s/ Paul B. Bolno, M.D.</u> Paul B. Bolno, M.D., Attorney-in-Fact		January 27, 2017

**EXHIBIT INDEX**

<u>Exhibit Number</u>	<u>Description</u>
1.1*	Form of Underwriting Agreement.
3.1(1)	Constitution (formerly known as Memorandum of Association and Articles of Association).
4.1(2)	Form of Specimen Ordinary Share Certificate.
4.2(3)	Investors' Rights Agreement by and among the Registrant and certain of its shareholders, dated as of August 14, 2015.
4.3*	Form of Senior Debt Security.
4.4*	Form of Subordinated Debt Security.
4.5**	Form of Senior Indenture.
4.6**	Form of Subordinated Indenture.
4.7*	Form of Warrant Agreement and Warrant Certificate.
4.8*	Form of Rights Agreement and Right Certificate.
4.9*	Form of Purchase Contract.
4.10*	Form of Unit Agreement and Unit.
5.1	Opinion of WongPartnership LLP with respect to the legality of the securities being registered.
5.2	Opinion of Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. with respect to the legality of the debt securities being registered.
12.1*	Computation of Ratio of Earnings to Fixed Charges.
23.1	Consent of KPMG LLP.
23.2	Consent of WongPartnership LLP (included in the opinion filed as Exhibit 5.1).
23.3	Consent of Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C. (included in the opinion filed as Exhibit 5.2).
24.1**	Powers of Attorney (included on the signature page of the initial registration statement).
25.1*	The Statement of Eligibility on Form T-1 under the Trust Indenture Act of 1939, as amended, of the Trustee under the Senior Indenture will be incorporated herein by reference from a subsequent filing in accordance with Section 305(b)(2) of the Trust Indenture Act of 1939.
25.2*	The Statement of Eligibility on Form T-1 under the Trust Indenture Act of 1939, as amended, of the Trustee under the Subordinated Indenture will be incorporated herein by reference from a subsequent filing in accordance with Section 305(b)(2) of the Trust Indenture Act of 1939.

\* To be subsequently filed, if applicable, by an amendment to this registration statement or as an exhibit to a report on Form 10-K, Form 10-Q or Form 8-K and incorporated herein by reference.

\*\* Previously filed.

- (1) Incorporated by reference from Amendment No. 5 to the Registrant's Registration Statement on Form S-1 (Registration No. 333-207379), filed with the Securities and Exchange Commission on November 10, 2015.
- (2) Incorporated by reference from Amendment No. 3 to the Registrant's Registration Statement on Form S-1 (Registration No. 333-207379), filed with the Securities and Exchange Commission on November 6, 2015.
- (3) Incorporated by reference from the Registrant's Registration Statement on Form S-1 (Registration No. 333-207379), filed with the Securities and Exchange Commission on October 9, 2015.



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

Date: 27 January 2017

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

FROM

GSO/KY/20162837

Fax: +65 6532 5711  
*Not for service of court documents  
 Not for urgent correspondence*

Direct: +65 6416 8205 / +65 6416 2482

Email: gail.ong@wongpartnership.com  
 karen.yeoh@wongpartnership.com

Dear Sirs

**WAVE LIFE SCIENCES LTD. (THE “COMPANY”) – SHELF REGISTRATION STATEMENT ON FORM S-3**

**A. Introduction**

- 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 filing of a registration statement on Form S-3 (the “**Registration Statement**”) under the Securities Act of 1933, as amended (the “**Act**”), with the Securities and Exchange Commission (the “**Commission**”) on 4 January 2017 in connection with the authorisation of the issuance and sale from time to time, on a delayed basis, of (i) ordinary shares of the Company (the “**Shares**”), (ii) one or more series of debt securities of the Company (the “**Debt Securities**”) to be issued pursuant to a senior indenture or subordinated indenture in the forms attached as Exhibit 4.5 or, as the case may be, Exhibit 4.6 to the Registration Statement (each, an “**Indenture**”), between the Company and the trustee (the “**Trustee**”) to be named therein in such Indenture, and one or more supplements thereto, in each case establishing the terms of each such series, (iii) warrants to purchase Shares or Debt Securities (the “**Warrants**”), (iv) rights to purchase Shares or any other Securities (as defined below) (the “**Rights**”), (v) purchase contracts for the purchase and sale of any of the Securities (as defined below) (the “**Purchase Contracts**”) and (vi) units of Shares, Debt Securities, Warrants, Rights or Purchase Contracts for the purchase of Shares and/or Debt Securities in one or more series, in any combination (the “**Units**”), in each case as contemplated by the Registration Statement. The Shares, Debt Securities, Warrants, Rights, Purchase Contracts and Units are collectively referred to herein as the “**Securities**”. The Warrants may be issued under one or more warrant agreements (each, a “**Warrant Agreement**”) between the Company and a third party to be identified therein as warrant agent. The Rights may be issued under one or more rights agreements (each, a “**Rights Agreement**”) between the Company and a third party to be identified therein as rights agent. The Purchase Contracts may be issued under one or more purchase contract agreements (each, a “**Purchase Contract Agreement**”) between the Company and a third party to be identified therein as purchase contract agent. The Units may be issued under one or more unit agreements (each, a “**Unit Agreement**”) between the Company and

WongPartnership LLP (UEN: T08LL0003B) is a limited liability law partnership registered in Singapore under the Limited Liability Partnerships Act (Chapter 163A).

a third party to be identified therein as unit agent. The Indentures, the Warrant Agreements, the Rights Agreements, the Purchase Contract Agreements and the Unit Agreements are herein collectively called the "**Agreements**".

This opinion updates and replaces our opinion dated 4 January 2017 issued to the board of directors of the Company (the "**Board**") in connection with the Registration Statement. 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 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.

**B. Documents**

2. In rendering the opinions set out below, we have examined:
  - 2.1 an electronic copy (in Adobe Acrobat form) of the certificate of incorporation of the Company dated 24 July 2012 issued by the Accounting and Corporate Regulatory Authority of Singapore ("**ACRA**");
  - 2.2 an electronic copy (in Adobe Acrobat form) 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;
  - 2.3 an electronic copy (in Adobe Acrobat form) of the constitution of the Company, as amended as of 9 November 2015;
  - 2.4 an electronic copy (in Adobe Acrobat form) of the resolutions in writing of the Board dated 3 January 2017 (the "**Resolutions**");
  - 2.5 an electronic copy (in Adobe Acrobat form) of the Registration Statement; and
  - 2.6 such other documents as we may have considered necessary or desirable to examine in order that we may render this opinion.
3. This opinion is being rendered to you in connection with the filing of the Registration Statement. Save as expressly provided in paragraph 5 of this opinion, we express no opinion whatsoever with respect to any document described in paragraph 2 herein.

**C. Assumptions**

4. We have assumed (without enquiry and with your consent):
  - 4.1 that each of the parties to the Agreements (other than the Company) is validly incorporated or established, and existing under the laws of its place of incorporation or establishment;
  - 4.2 the genuineness of all signatures on all documents and that each such signature is that of a person duly authorised to affix the same and execute the relevant documents, and the completeness, and the conformity to original documents, of all copies submitted to us;

- 4.3 that each of the documents submitted to us for examination is a true, complete and up-to- date copy and has not been revoked or amended, and all representations and factual statements contained in all documents listed in paragraph 2 above are true and correct;
- 4.4 that the Resolutions were duly passed in the form of circulating resolutions in writing, in accordance with the provisions of the constitution of the Company in force at that time and the Companies Act, Chapter 50 of Singapore (the "Companies Act");
- 4.5 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 taken which could affect the validity of any or all of the Resolutions;
- 4.6 that the directors of the Company (i) have been duly appointed in accordance with the provisions of the Companies Act and the constitution of the Company in force at that time, (ii) 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 with the Commission, the entry into the transactions contemplated in the Registration Statement, and the execution of, and entry into, the Agreements, and without intention to defraud any of the creditors of the Company, and (iii) have each disclosed and will disclose any interest which he may have in the transactions contemplated in the Registration Statement and the Agreements in accordance with the provisions of the Companies Act and the constitution of the Company in force at that time 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 constitution of the Company in force at that time;
- 4.7 that all relevant documents have been provided to us by the officers of the Company for inspection for the purposes of this opinion;
- 4.8 the definitive terms of each class or series of Securities shall have been or will be established in accordance with resolutions duly adopted by the Board (or an authorised committee thereof);
- 4.9 that any Securities issuable upon conversion, exchange or exercise of any other Security will have been authorised and reserved for issuance, in each case within the limits of the then remaining authorised but unreserved and unissued amounts of such Securities;
- 4.10 that any Securities (including any Securities issuable upon conversion, exchange or exercise of any other Security) will be issued in accordance with the terms and subject to the conditions set out in the relevant duly passed corporate resolutions and Agreements, if any;
- 4.11 the absence of fraud, bad faith, undue influence, coercion, duress, mistake or misrepresentation on the part of any party to the Agreements and its respective officers, employees, agents and advisers;
- 4.12 with respect to any Debt Securities, that:
  - (i) any Indenture relating to such Debt Securities shall have been duly authorised, executed and delivered on behalf of the Company;
  - (ii) all terms of Debt Securities shall be established in accordance with the provisions of the Indenture;



- (iii) such Debt Securities shall have been duly executed, authenticated, issued and delivered in accordance with the provisions of such Indenture;
- (iv) such Debt Securities, as executed and delivered, do not violate any law applicable to the Company or result in a default under or breach of any agreement or instrument binding upon the Company; and
- (v) such Debt Securities, as executed and delivered, comply with all requirements and restrictions, if any, applicable to the Company, in any case whether imposed by any court or governmental or regulatory body having jurisdiction over the Company;

4.13 with respect to any Warrants, that:

- (i) any Warrant Agreement relating to such Warrants shall have been duly authorised, executed and delivered on behalf of the Company;
- (ii) all terms of such Warrants shall have been established in accordance with the provisions of such Warrant Agreement(s);
- (iii) such Warrants shall have been duly executed, issued and delivered in accordance with the provisions of such Warrant Agreement(s);
- (iv) such Warrants and the related Warrant Agreement(s), as executed and delivered, do not violate any law applicable to the Company or result in a default under or breach of any agreement or instrument binding upon the Company; and
- (v) such Warrants and the related Warrant Agreement(s), as executed and delivered, comply with all requirements and restrictions, if any, applicable to the Company, in any case whether imposed by any court or governmental or regulatory body having jurisdiction over the Company;

4.14 with respect to any Rights, that:

- (i) any Rights Agreement and Rights certificate relating to such Rights shall have been duly issued, authorised, executed and delivered on behalf of the Company;
- (ii) all terms of such Rights shall have been established in accordance with the provisions of such Rights Agreement(s);
- (iii) such Rights shall have been duly executed, issued and delivered in accordance with the provisions of such Rights Agreement(s);
- (iv) such Rights and the related Rights Agreement(s), as executed and delivered, do not violate any law applicable to the Company or result in a default under or breach of any agreement or instrument binding upon the Company; and
- (v) such Rights and the related Rights Agreement(s), as executed and delivered, comply with all requirements and restrictions, if any, applicable to the Company, in any case whether imposed by any court or governmental or regulatory body having jurisdiction over the Company;

4.15 with respect to any Purchase Contracts, that:

- (i) any Purchase Contract Agreement relating to such Purchase Contracts shall have been duly authorised, executed and delivered on behalf of the Company;
- (ii) all terms of such Purchase Contracts shall have been established in accordance with the provisions of such Purchase Contract Agreement(s);
- (iii) such Purchase Contracts shall have been duly executed, issued and delivered in accordance with the provisions of such Purchase Contract Agreement(s);
- (iv) such Purchase Contracts and the related Purchase Contract Agreement(s), as executed and delivered, do not violate any law applicable to the Company or result in a default under or breach of any agreement or instrument binding upon the Company; and
- (v) such Purchase Contracts and the related Purchase Contract Agreement(s), as executed and delivered, comply with all requirements and restrictions, if any, applicable to the Company, in any case whether imposed by any court or governmental or regulatory body having jurisdiction over the Company;

4.16 with respect to any Units, that:

- (i) any Unit Agreement relating to such Units shall have been duly authorised, executed and delivered on behalf of the Company;
- (ii) all terms of such Units shall have been established in accordance with the provisions of such Unit Agreement(s);
- (iii) such Units shall have been duly executed, issued and delivered in accordance with the provisions of such Unit Agreement(s);
- (iv) such Units and the related Unit Agreement(s), as executed and delivered, do not violate any law applicable to the Company or result in a default under or breach of any agreement or instrument binding upon the Company; and
- (v) such Units and the related Unit Agreement(s), as executed and delivered, comply with all requirements and restrictions, if any, applicable to the Company, in any case whether imposed by any court or governmental or regulatory body having jurisdiction over the Company;

4.17 that the Company will have obtained, at the time of each grant and issuance of the Shares (including any Shares duly issued: (i) upon the exercise of any duly issued Warrants exercisable for Shares, (ii) upon the exercise of any duly issued Rights exercisable for Shares, (iii) upon the exchange or conversion of Debt Securities which are exchangeable or convertible into Shares, (iv) pursuant to a Purchase Contract, or (v) as a component of a Unit), upon issuance and delivery of certificates (or book-entry notation if uncertificated), a mandate from the shareholders of the Company to issue such Shares pursuant to Section 161 of the Companies Act (the "**Share Issue Mandate**") and such Share Issue Mandate will not have expired in accordance with its terms or been previously revoked or varied by the Company in a general meeting;

4.18 (i) that the Agreements and the Securities are within the capacity and powers of, and will be duly authorised, executed and delivered by, the parties thereto other than the Company, (ii) that the Agreements and the Securities will constitute legal, valid and binding obligations

of the parties thereto other than the Company, enforceable against each of them in accordance with their respective terms, and (iii) that the status of the Agreements and the Securities as legal, valid and binding obligations of the parties will not be affected by any (a) breaches of, or defaults under, agreements or instruments, (b) violations of statutes, rules, regulations or court or governmental orders, or (c) failures to obtain required consents, approvals or authorisations from, or to make required registrations, declarations or filings with, governmental authorities;

- 4.19 that in exercising the respective powers of each party to the Agreements to enter into the relevant Agreement, each party (and in the case where the party is a corporation or a trust, the directors or trustees of such party) to the Agreements will be acting in good faith and in furtherance of the respective substantive objects and for the legitimate purpose of such party to the Agreements, and that the entry into the relevant Agreement by each of the parties thereto may reasonably be considered to have been in the interests, and for the commercial benefit, of such party to the relevant Agreement;
- 4.20 that each of the parties to the Agreements will not be seeking to conduct any relevant transaction or any associated activity in a manner or for a purpose not evident on the face of the relevant Agreement to which it is a party which might render any of them or any relevant transaction or associated activity illegal, void or voidable;
- 4.21 that all acts, conditions or things required to be fulfilled, performed or effected in connection with the Agreements under the laws of any jurisdiction will be duly fulfilled, performed and complied with;
- 4.22 that valid consideration, if required, will be furnished for the entry into the Agreements;
- 4.23 that the Agreements will constitute legal, valid, binding and enforceable obligations of the parties thereto for all purposes under the laws of all relevant jurisdictions (other than the laws of Singapore in respect of the matters set out in paragraph 5 of this opinion);
- 4.24 that no consent, approval, authorisation or order of or qualification with any governmental body or agency is required for the performance by each of the parties (other than the Company in Singapore) to the Agreements of its respective obligations under the Agreements to which it is a party;
- 4.25 all applicable consents, approvals, authorisations, licences, exemptions or orders required from any applicable governmental or other regulatory authorities and all other requirements for the legality, validity and enforceability of the Agreements (other than any required under the laws of Singapore in respect of the matters set out in paragraph 5 of this opinion) have been (and have not been withdrawn) or will be duly obtained or fulfilled, and in full force and effect, and that any conditions to which they are subject have been (or will be) satisfied;
- 4.26 that the execution of the Agreements, the performance of the obligations under the Agreements, and the delivery of, and the performance of the obligations, where applicable, under, the Securities will be in compliance with (i) applicable laws and regulations in Singapore, and (ii) the provisions of the constitution of the Company in force at the time;
- 4.27 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 Securities;

- 4.28 that there are no agreements, documents, arrangements or transactions to which each party to the Agreements has entered into that may in any way prohibit or restrict its right to enter into the relevant Agreement or perform its obligations under the relevant Agreement;
- 4.29 that no foreign law is relevant to or affects the 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;
- 4.30 that no Securities will be offered in Singapore in connection with the Registration Statement; and
- 4.31 that none of the Agreements nor any of the transactions contemplated thereunder and in the Registration Statement constitutes or will constitute a sham.

**D. Opinion**

- 5. 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:
  - 5.1 the Shares (including any Shares duly issued: (i) upon the exercise of any duly issued Warrants exercisable for Shares, (ii) upon the exercise of any duly issued Rights exercisable for Shares, (iii) upon the exchange or conversion of Debt Securities which are exchangeable or convertible into Shares, (iv) pursuant to a Purchase Contract, or (v) as a component of a Unit), upon payment of such lawful consideration as the Board (or a duly authorised committee thereof) may determine, due registration in the register of members of the Company, in the name of the persons who have purchased the Shares, or in the name of Cede & Co, a partnership organised pursuant to the laws of the State of New York, in the United States, as nominee of the Depository Trust Company, as the case may be, and issuance and delivery of certificates (or book-entry notation if uncertificated) for such Shares, will be validly issued, fully paid and non-assessable;
  - 5.2 the Warrants (including any Warrants duly issued as a component of a Unit) upon issuance and delivery of the Warrant certificates and book-entry notation for such Warrants, and against payment therefor of such lawful consideration as the Board (or a duly authorised committee thereof) may determine, will be validly issued and constitute legal, valid and binding obligations of the Company, enforceable in accordance with their terms;
  - 5.3 the Rights (including any Rights duly issued as a component of a Unit) upon due issuance and delivery of the Rights certificates and book-entry notation for such Rights, will be validly issued and constitute legal, valid and binding obligations of the Company, enforceable in accordance with their terms;
  - 5.4 the Purchase Contracts (including any Purchase Contracts duly issued as a component of a Unit), upon receipt by the Company of such lawful consideration therefor as the Board (or an authorised committee thereof) may determine, will constitute legal, valid and binding obligations of the Company, enforceable in accordance with their terms; and

- 5.5 the Units, upon receipt by the Company of such lawful consideration therefor as the Board (or an authorised committee thereof) may determine, will constitute legal, valid and binding obligations of the Company, enforceable in accordance with their terms.

**E. Qualifications**

6. For the purposes of this opinion, we have assumed that the term “**non-assessable**” (a term which has no recognised meaning under Singapore law) in relation to the Shares (including any Shares duly issued: (i) upon the exercise of any duly issued Warrants exercisable for Shares, (ii) upon the exercise of any duly issued Rights exercisable for Shares, (iii) upon the exchange or conversion of Debt Securities which are exchangeable or convertible into Shares, (iv) pursuant to a Purchase Contract, or (v) as a component of a Unit) to be issued 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.
7. The term “**enforceable**” as used above means that the obligations assumed or to be assumed by the Company under each of the Agreements are of a type which the Singapore courts enforce. It does not mean that those obligations will necessarily be enforced in all circumstances in accordance with their terms. In particular:
- 7.1 this opinion is not to be taken to imply that a court in Singapore will necessarily grant any remedy, the availability of which is subject to equitable considerations or which is otherwise in the discretion of the court. In particular, orders for specific performance and injunctions are, in general, discretionary remedies under the laws of Singapore and specific performance is not available where damages are considered by the court to be an adequate alternative remedy;
- 7.2 enforcement may be limited by prescription or lapse of time, bankruptcy, insolvency, liquidation, reorganisation and other laws of general application relating to or affecting the rights of creditors;
- 7.3 enforcement may be limited by general principles of equity – for example, equitable remedies may not be available where damages are considered to be an adequate remedy;
- 7.4 where any party to any of the Agreements or, where applicable, any Security is vested with a discretion or may determine a matter in its opinion, that party may be required to exercise its discretion in good faith, reasonably and for a proper purpose, and to form its opinion in good faith and on reasonable grounds;
- 7.5 enforcement of any provision of any Agreement may be limited if a court in Singapore holds the relevant provision to have been frustrated by events happening after the execution of the relevant Agreement;
- 7.6 claims may become barred under the Limitation Act, Chapter 163 of Singapore and/or the Foreign Limitation Periods Act, Chapter 111A of Singapore, or may be or become subject to a defence of set-off or counterclaim;
- 7.7 a party to a contract may be able to avoid its obligations under that contract (and may have other remedies) where it has been induced to enter into that contract by a misrepresentation or other vitiating factors and the courts of Singapore will generally not enforce an obligation if there has been fraud;

- 7.8 any provision in any of the Agreements or, where applicable, any Security which purports to excuse or protect any party against its own negligence or misconduct or which purports to apply notwithstanding the negligence or misconduct of any party, or excusing a party from a liability or duty otherwise owed, may be limited by law or may not be given effect by the courts of Singapore;
- 7.9 a court in Singapore has power to give judgments in a currency other than Singapore dollars, if, subject to the terms of the contract, it is the currency which most truly expresses the plaintiff's loss;
- 7.10 if any obligation is to be performed in a jurisdiction outside Singapore, it may not be enforceable in Singapore to the extent that the performance would be illegal or contrary to public policy under the laws of that jurisdiction and a court in Singapore may take into account the law of the place of performance in relation to the manner of performance and to the steps to be taken in the event of defective performance;
- 7.11 it is uncertain whether the parties can agree in advance the governing law of claims connected with the contract but which are not claims on the contract, such as a claim in tort;
- 7.12 any provision in any of the Agreements which provides that certain calculations, determinations and/or certifications will be final, conclusive and binding (i) may in certain circumstances be held by a court or tribunal not to be final, conclusive and/or binding, for example, if such calculations, determinations and/or certificates are fraudulent, unreasonable, arbitrary or contain any manifest errors, and (ii) will not necessarily prevent judicial enquiry into the merits of any claim by an aggrieved party;
- 7.13 any provision in any of the Agreements which provides, or which has the effect of providing, the payment of an increased amount by reason of any default may not be enforceable in a Singapore court if it is construed as a penalty;
- 7.14 provisions in any of the Agreements, if any, restricting competition or trade may not be enforceable as contrary to public policy in Singapore unless a Singapore court considers that such provisions are reasonably necessary for the protection of a legitimate business interest;
- 7.15 any provision in any of the Agreements as to severability may not be binding under the laws of Singapore and the question of whether or not provisions which are illegal, invalid or unenforceable may be severed from other provisions in order to save such other provisions depends on the nature of the illegality, invalidity or unenforceability in question, and would be determined by a Singapore court at its discretion;
- 7.16 indemnity provisions in the Agreements may not be binding under the laws of Singapore to the extent that performance would be illegal or contrary to public policy under the laws of Singapore;
- 7.17 any term of an Agreement may be amended orally by all the parties notwithstanding provisions to the contrary in the Agreement;
- 7.18 to the extent that any matter is expressly to be determined by future agreement or negotiation, the relevant provision in an Agreement may be unenforceable or void for uncertainty;

- 7.19 any provision of an Agreement stating that a failure or delay, on the part of any party, in exercising any right or remedy under the Agreement shall not operate as a waiver of such right or remedy may not be effective where one party's conduct or representations had led the other party to reasonably conclude that the party has agreed to waive his rights, notwithstanding this "no waiver" provision;
- 7.20 the rate of interest recoverable after judgment in the High Court of Singapore is limited to 5.33% per annum or:
- (i) such other rate fixed by the Chief Justice of Singapore;
  - (ii) such lower rate as may be directed by the High Court; or
  - (iii) unless the parties have agreed otherwise;
- 7.21 provisions in any of the Agreements relating to any additional interest or other sum imposed on any of the parties to the Agreements where it has defaulted in the performance of any of its obligations, may not be enforceable in a Singapore court if they are construed as a penalty;
- 7.22 a Singapore court may refuse to give effect to clauses in an Agreement in respect of the costs of unsuccessful litigation brought before a Singapore court or where the court has itself made an order for costs;
- 7.23 a Singapore court may stay proceedings if concurrent proceedings are brought elsewhere and/or if there is another clearly more appropriate forum than Singapore to hear the proceedings. A court in Singapore may also decline to accept jurisdiction in certain cases;
- 7.24 where it is necessary to initiate any legal proceedings in Singapore by serving a writ outside the jurisdiction, the leave of court (as to which the court has a discretion) would have to be obtained;
- 7.25 the courts of Singapore are bound to follow judicial precedents laid down by the superior courts of Singapore, however, the Court of Appeal (which is the highest court in Singapore) has power to depart from such precedents where adherence will cause injustice in a particular case or constrain the development of law in conformity with the circumstances of Singapore;
- 7.26 we express no opinion regarding the right or ability of any party to recover against any other party for diminution in the value of equity securities held by such party;
- 7.27 a court in Singapore will not be automatically bound to stay proceedings brought in its jurisdiction despite the existence of an exclusive jurisdiction provision in an agreement naming the foreign jurisdiction where the proceedings should be brought. The Singapore courts have the discretion as to whether or not to grant an application for a stay notwithstanding such an exclusive jurisdiction clause;
- 7.28 it is possible that a court in Singapore would hold that any decision, judgment award or order (whether in Singapore or elsewhere) given in relation to an Agreement supersedes the specific provisions of such an Agreement for all intents and purposes, with the effect that any obligations imposed upon each of the parties under an Agreement, which are expressed to apply both before and after such decision, judgment award or order, might not be held to survive such decision, judgment award or order;

- 7.29 in any question concerning a valid choice of law of an agreement in any action in the courts of Singapore, the laws of Singapore that are expressed to be mandatory in nature will continue to apply regardless of the choice of the governing law of that agreement;
  - 7.30 certain laws, directives, orders and other regulations (whether relating to United Nations sanctions or otherwise) have in the past been and may from time to time be enacted, passed or issued, the effect of which as a matter of Singapore law might be to restrict the making of any payment and/or the performance of any other obligation under the Agreements;
  - 7.31 any provision requiring the performance by any of the parties to do any act or thing under such provision in violation of, contrary to or inconsistent with any laws or regulations promulgated in Singapore after the date of this opinion may be regarded as being against public policy or constituting an illegality and may be unenforceable or void in Singapore; and
  - 7.32 except as may be provided under the Contracts (Rights of Third Parties) Act, Chapter 53B of Singapore, under general principles of Singapore law, a person who is not a contracting party to an agreement is not entitled to the benefits of the agreement and may not enforce the agreement.
8. We are not responsible for investigating or verifying the accuracy or completeness of any facts or information, including statements of foreign law, or the reasonableness of any assumptions or statements of opinion or intention contained in the Agreements and the documents described in paragraph 2. We do not express any opinion as to the matters of fact generally, including statements of foreign law, or the reasonableness of any statements of opinion, contained in the Agreements. In addition, we are not responsible for investigating or verifying that no material facts have been omitted from the Agreements and the documents described in paragraph 2.
  9. We express no opinion as to the validity, binding effect or enforceability of any provision in the Agreements or, where applicable, the Securities by reference to a law other than that of Singapore, or as to the availability in Singapore of remedies which are available in other jurisdictions.
  10. With respect to matters of fact material to this opinion, we have relied on the statements of the responsible officers of the Company.
  11. Our advice is strictly limited to matters stated in this opinion and is not to be construed as extending by implication to all the documents listed in paragraph 2 above, or to any other matter or document in connection with, or referred to, in such document.
  12. We hereby consent to the use of our opinion as herein set forth as an exhibit to the Registration Statement and to the use of our name under the caption "Legal Matters" in the prospectus forming a part of the Registration Statement. 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 Section 7 of the Act.
  13. 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 extending by implication to any other matter in connection with the Registration Statement or otherwise. Further, save for the filing of this opinion with the Commission as an exhibit to the Registration Statement, this opinion is not to be circulated to, or relied upon by, any other person (other than persons entitled to rely on it pursuant to applicable provisions of federal securities



**WONGPARTNERSHIP LLP**

**GSO/KY/20162837**

**27 January 2017**

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law in the United States, if any) 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**

January 27, 2017

WAVE Life Sciences Ltd.  
8 Cross Street #10-00, PWC Building  
Singapore 048424

Ladies and Gentlemen:

We have acted as U.S. counsel to WAVE Life Sciences Ltd., a company incorporated under the laws of Singapore (the "Company"), in connection with the preparation and filing with the Securities and Exchange Commission (the "Commission") of a Registration Statement on Form S-3 (the "Registration Statement"), pursuant to which the Company is registering under the Securities Act of 1933, as amended (the "Securities Act"), certain securities (the "Securities"), including the following:

- (i) senior debt securities, in one or more series (the "Senior Debt Securities"), which may be issued pursuant to an indenture to be dated on or about the date of the first issuance of Senior Debt Securities thereunder, by and between the Company and a trustee to be selected by the Company, in the form attached as Exhibit 4.5 to the Registration Statement, as such indenture may be amended or supplemented from time to time (the "Senior Indenture"); and
- (ii) subordinated debt securities, in one or more series (the "Subordinated Debt Securities" and, together with the Senior Debt Securities, the "Debt Securities"), which may be issued pursuant to an indenture to be dated on or about the date of the first issuance of Subordinated Debt Securities thereunder, by and between the Company and a trustee to be selected by the Company, in the form attached as Exhibit 4.6 to the Registration Statement, as such indenture may be amended or supplemented from time to time (the "Subordinated Indenture").

The Securities are being registered for offering and sale from time to time on a delayed or continuous basis pursuant to Rule 415 under the Securities Act. The maximum aggregate public offering price of the Securities being registered will be \$500,000,000.

For purposes of this opinion, we have assumed that proceedings taken and proposed to be taken by the Company in connection with the authorization and issuance of the Debt Securities that have not yet been completed will be timely and properly completed, in accordance with all requirements of applicable laws. We have assumed the genuineness of all signatures, the legal capacity of natural persons, the authenticity of all documents submitted to us as originals, the conformity to original documents of all documents submitted to us as certified, photostatic or facsimile copies and the authenticity of the originals of such copies.

**Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.**

BOSTON | LONDON | LOS ANGELES | NEW YORK | SAN DIEGO | SAN FRANCISCO | STAMFORD | WASHINGTON

Members of our firm are admitted to the Bar of the Commonwealth of Massachusetts and the State of New York, and we do not express any opinion other than as to the Debt Securities constituting valid and legally binding obligations of the Company under the laws of the State of New York. No opinion is expressed herein with respect to (i) the qualification of the Securities under the securities or blue sky laws of any state or any foreign jurisdiction or (ii) the compliance with any federal or state law, rule or regulation relating to securities, or to the sale or issuance thereof. The Securities may be offered and sold from time to time on a delayed or continuous basis, but this opinion is limited to the laws, including the rules and regulations thereunder, as in effect on the date hereof.

Based upon the foregoing and in reliance thereon, and subject to the qualifications herein stated, we are of the opinion that:

1. With respect to the Debt Securities, when (i) specifically authorized for issuance by the Company's Board of Directors or an authorized committee thereof (the "Authorizing Resolutions"), (ii) the Registration Statement, as finally amended (including all post-effective amendments), has become effective under the Securities Act, (iii) an appropriate prospectus supplement with respect to the applicable Debt Securities has been prepared, delivered and filed in compliance with the Securities Act and the applicable rules and regulations thereunder, (iv) if the applicable Debt Securities are to be sold pursuant to an Underwriting Agreement, such Underwriting Agreement with respect to the applicable Debt Securities in the form filed as an exhibit to the Registration Statement, any post-effective amendment thereto or to a Current Report on Form 8-K, has been duly authorized, executed and delivered by the Company and the other parties thereto, (v) the terms of the Debt Securities and of their issuance and sale have been duly established in conformity with the Senior Indenture or the Subordinated Indenture, whichever the case may be, and do not violate any applicable law or result in a default under or breach of any agreement or instrument binding upon the Company and comply with any requirement or restriction imposed by any court or governmental body having jurisdiction over the Company, (vi) such Debt Securities have been duly executed and authenticated in accordance with the Senior Indenture or the Subordinated Indenture, whichever the case may be, and issued and sold as contemplated in the Registration Statement and the prospectus included therein, (vii) the Senior Indenture or the Subordinated Indenture, whichever the case may be, relating to the Debt Securities has been qualified under the Trust Indenture Act of 1939, as amended, and (viii) the Company has received the consideration provided for in the Authorizing Resolutions and, if applicable, the Underwriting Agreement, such Debt Securities will constitute valid and legally binding obligations of the Company.

The opinions set forth above are subject to the following exceptions, limitations and qualifications: (i) the effect of bankruptcy, insolvency, reorganization, fraudulent conveyance, moratorium or other similar laws now or hereafter in effect relating to or affecting the rights and remedies of creditors; (ii) the effect of general principles of equity, whether enforcement is considered in a proceeding in equity or at law, and the discretion of the court before which any proceeding therefor may be brought; (iii) the unenforceability under certain circumstances under law or court decisions of provisions providing for the indemnification of, or contribution to, a party with respect to a liability where such indemnification or contribution is contrary to public policy; (iv) we express no opinion concerning the enforceability of any waiver of rights or defenses with respect to stay, extension or usury laws; and (v) we express no opinion with respect to whether acceleration of any Debt Securities may affect the ability to collect any portion of the stated principal amount thereof which might be determined to constitute unearned interest thereon.

We have relied as to certain matters on information obtained from public officials, officers of the Company, and other sources believed by us to be responsible and we have assumed that the Senior Indenture and the Subordinated Indenture will be duly authorized, executed, and delivered by the respective trustees thereunder.

Please note that we are opining only as to the matters expressly set forth herein, and no opinion should be inferred as to any other matters. This opinion is based upon currently existing statutes, rules, regulations and judicial decisions, and we disclaim any obligation to advise you of any change in any of these sources of law or subsequent legal or factual developments which might affect any matters or opinions set forth herein.

We hereby consent to the filing of this opinion as an exhibit to the Registration Statement in accordance with the requirements of Item 601(b)(5) of Regulation S-K under the Securities Act and to the use of this Firm's name therein and in the prospectus included therein under the caption "Legal Matters." In giving such consent, we do not hereby admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations of the Commission.

Very truly yours,

/s/ Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.

Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.

**Consent of Independent Registered Public Accounting Firm**

The Board of Directors  
WAVE Life Sciences Ltd.:

We consent to the use of our report dated March 30, 2016, with respect to the consolidated balance sheets of WAVE Life Sciences Ltd. and subsidiaries as of December 31, 2015 and 2014, and the related consolidated statements of operations, comprehensive loss, Series A preferred shares and shareholders' (deficit) equity, and cash flows for each of the years in the three-year period ended December 31, 2015, incorporated by reference herein and to the reference to our firm under the heading "Experts" in the prospectus.

/s/ KPMG LLP

Cambridge, Massachusetts  
January 27, 2017

January 27, 2017

**VIA EDGAR**

Securities and Exchange Commission  
Division of Corporation Finance  
100 F Street, N.E.  
Washington, D.C. 20549

Attention: Josh Samples  
Joseph McCann

**Re: WAVE Life Sciences Ltd.  
Registration Statement on Form S-3  
Filed January 4, 2017  
File No. 333-215428**

Ladies and Gentlemen:

On behalf of WAVE Life Sciences Ltd. (the "Company"), we are hereby filing with the Securities and Exchange Commission (the "Commission") Amendment No. 1 to the above-referenced Registration Statement on Form S-3 (the "Amendment") and this letter in response to the comments of the Staff of the Commission's Division of Corporation Finance (the "Staff") given by letter (the "Comment Letter") dated January 17, 2017. Each response is numbered to correspond to the comment set forth in the Comment Letter, which for convenience, we have incorporated into this response letter.

1. *Comment:* We note that you are registering rights under the registration statement. Please have counsel revise the legality opinion to cover these rights. For guidance, please see Part II.B.1.f of Staff Legal Bulletin No. 19.

*Response:* A revised opinion has been filed as Exhibit 5.1 to the Amendment.

2. *Comment:* We note that the debt securities are governed by New York law but that counsel's legality opinion is limited to Singapore law. As such, please file an opinion pursuant to Regulation S-K, Item 601(b)(5) that covers the legality of the debt securities under New York law. For guidance, please refer to Staff Legal Bulletin No. 19, Part II.B.1.e and Part II.B.3.b.

*Response:* An opinion of U.S. counsel with respect to the legality of the debt securities under New York law has been filed as Exhibit 5.2 to the Amendment.

We hope that the above response is acceptable to the Staff. Please do not hesitate to call the undersigned at 617-348-3093 with any comments or questions regarding this response letter. We thank you for your time and attention.

Very truly yours,

/s/ Brian P. Keane  
Brian P. Keane

**Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.**

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