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

FORM 6-K

**REPORT OF FOREIGN PRIVATE ISSUER
PURSUANT TO RULE 13a-16 OR 15d-16 UNDER
THE SECURITIES EXCHANGE ACT OF 1934**

For the month of October 2020

Commission File Number: 001- 39167

Molecular Data Inc.

5/F, Building 12, 1001 North Qinzhou Road
Xuhui District, Shanghai 201109
People's Republic of China
(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

EXHIBIT INDEX

<u>Exhibit No.</u>	<u>Description</u>
99.1	Press Release – Molecular Data Inc. Announces Private Placement of up to US\$5.0 Million Convertible Debentures
99.2	Securities Purchase Agreement dated October 9, 2020 between Molecular Data Inc. and YA II PN, Ltd.
99.3	Registration Rights Agreement dated October 9, 2020 between Molecular Data Inc. and YA II PN, Ltd.

SIGNATURES

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

Molecular Data Inc.

By : /s/ Zheng Wang
Name : Zheng Wang
Title : Director and Chief Executive Officer

Date: October 13, 2020

Molecular Data Inc. Announces Private Placement of up to US\$5.0 Million Convertible Debentures

SHANGHAI, China, October 13, 2020 — Molecular Data Inc. (“Molecular Data” or the “Company”) (NASDAQ: MKD), a leading technology-driven platform in China’s chemical industry, today announced that it has entered into definitive agreement with YA II PN, Ltd., a Cayman Islands exempt limited partnership managed by Yorkville Advisor Global, LP (the “Purchaser”), pursuant to which Molecular Data will issue and sell convertible debentures in an aggregate principal amount of up to US\$5.0 million to the Purchaser through private placement. The private placement of such convertible debentures is subject to customary closing conditions.

The convertible debentures will be issued and purchased in installments according to the following schedule: (i) convertible debenture of US\$3.0 million should be issued and purchased upon the signing of the definitive agreement, (ii) convertible debenture of US\$1.0 million should be issued and purchased upon the filing of a registration statement with the U.S. Securities and Exchange Commission (“SEC”) relating to the convertible debentures, and (iii) convertible debenture of US\$1.0 million should be issued and purchased on or about the date the registration statement is declared effective by the SEC.

The convertible debentures to be issued to the Purchaser bear interest at a rate of 5% per year. The convertible debentures will mature upon one-year anniversary of the issuance date unless redeemed or converted in accordance with their terms prior to such date.

Subjected to and upon compliance with the terms of the convertible debentures, the Purchaser has the right to convert all or any portion of the convertible debentures at its option at any time. Upon conversion, the Company will deliver to the Purchaser American depositary shares of the Company (the “ADSs”). The initial conversion price shall be the lower of (i) US\$1.30 per ADS, or (ii) 88% of a reference price benchmarked against trading price of the Company’s ADSs.

About Molecular Data Inc.

Molecular Data Inc. is a leading technology-driven platform in China’s chemical industry, connecting participants along the chemical value chain through integrated solutions. The Company delivers e-commerce solutions, financial solutions, warehousing and logistics solutions, and SaaS suite that are intended to solve pain points for participants in the traditional chemical industry. Built upon a comprehensive knowledge engine and artificial intelligence (AI) capabilities, the Company’s e-commerce solutions are mainly offered through its online platform, consisting of *molbase.com*, *molbase.cn*, Moku Data WeChat account, Chemical Community App and other ancillary platforms.

Safe Harbor Statement

This announcement contains forward-looking statements. These statements are made under the “safe harbor” provisions of the U.S. Private Securities Litigation Reform Act of 1995. These forward-looking statements can be identified by terminology such as “will,” “expects,” “anticipates,” “aims,” “future,” “intends,” “plans,” “believes,” “estimates,” “confident,” “potential,” “continues” or other similar expressions. The Company may also make written or oral forward-looking statements in its periodic reports to the SEC, in its annual report to shareholders, in press releases and other written materials and in oral statements made by its officers, directors or employees to third parties. Statements that are not historical facts, including but not limited to statements about the Company’s beliefs and expectations, are forward-looking statements. Forward-looking statements involve inherent risks and uncertainties, and a variety of factors could cause actual results to differ materially from those contained in any forward-looking statement, including but not limited to the following: the Company’s goals and strategies; the Company’s future business development, results of operations and financial condition; the expected growth of the education market; the Company’s ability to monetize the user base; fluctuations in general economic and business conditions in China; the potential impact of the COVID-19 to the Company’s business operations and the economy in China and elsewhere generally; and assumptions underlying or related to any of the foregoing. Further information regarding these and other risks is included in the Company’s filings with the Securities and Exchange Commission. All information provided in this press release and in the attachments is as of the date of the press release, and the Company undertakes no duty to update such information, except as required under applicable law.

For investor and media inquiries, please contact:

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SECURITIES PURCHASE AGREEMENT

THIS SECURITIES PURCHASE AGREEMENT (this "Agreement"), dated as of October 9, 2020, is between **MOLECULAR DATA INC.**, a company incorporated under the laws of the Cayman Islands, with principal executive offices located at 5/F, Building 12, 1001 North Qinzhou Road, Xuhui District, Shanghai 201109, Peoples Republic of China (the "Company"), and each of the investors listed on the Schedule of Buyers attached hereto (individually, a "Buyer" and collectively the "Buyers").

WITNESSETH

WHEREAS, the Company and each Buyer desire to enter into this transaction for the Company to sell and the Buyers to purchase the Convertible Debentures (as defined below) pursuant to an exemption from registration pursuant to Section 4(2) and/or Rule 506 of Regulation D ("Regulation D") as promulgated by the U.S. Securities and Exchange Commission (the "SEC") under the Securities Act of 1933, as amended (the "Securities Act");

WHEREAS, the parties desire that, upon the terms and subject to the conditions contained herein, the Company shall issue and sell to the Buyer(s), as provided herein, and the Buyer(s) shall purchase up to \$5,000,000 of convertible debentures in the form attached hereto as "Exhibit A" (the "Convertible Debentures"), which shall be convertible into the Company's American Depositary Shares ("ADS") and the ADSs issued upon conversion of the Convertible Debentures, the "Conversion Shares") each ADS representing three Class A ordinary shares of the Company (the "Ordinary Shares"), of which \$3,000,000 shall be purchased upon the signing this Agreement (the "First Closing"), \$1,000,000 shall be purchased upon the filing of a Registration Statement with the U.S. Securities and Exchange Commission registering the resale of the Conversion Shares by the Buyers (the "Second Closing"), and \$1,000,000 shall be purchased on or about the date the Registration Statement has first been declared effective by the SEC (the "Third Closing") (individually referred to as a "Closing" collectively referred to as the "Closings"), for a total purchase price of up to \$5,000,000 (the "Purchase Price") in the respective amounts set forth opposite each Buyer(s) name on Schedule I (the "Subscription Amount");

WHEREAS, contemporaneously with the execution and delivery of this Agreement, the parties hereto are executing and delivering a Registration Rights Agreement (the "Registration Rights Agreement") pursuant to which the Company has agreed to provide certain registration rights under the Securities Act and the rules and regulations promulgated there under, and applicable state securities laws;

WHEREAS, contemporaneously with the execution and delivery of this Agreement, the Company is delivering Irrevocable Transfer Agent Instructions (the "Irrevocable Transfer Agent Instructions") to its transfer agent; and

WHEREAS, the Convertible Debentures and the Conversion Shares are collectively referred to herein as the "Securities."

AGREEMENT

NOW, THEREFORE, in consideration of the premises and the mutual covenants contained herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Company and each Buyer hereby agree as follows:

1. PURCHASE AND SALE OF CONVERTIBLE DEBENTURES.

(a) Purchase of Convertible Debentures. Subject to the satisfaction (or waiver) of the conditions set forth in Sections 6 and 7 below, the Company shall issue and sell to each Buyer, and each Buyer severally, but not jointly, agrees to purchase from the Company at each Closing Convertible Debentures with principal amount corresponding with the Subscription Amount set forth opposite each Buyer's name on Schedule of Buyers attached as Schedule I hereto.

(b) Closing Dates. Each Closing of the purchase of Convertible Debentures by the Buyers shall occur at the offices Yorkville Advisors Global, LP, 1012 Springfield Avenue, Mountainside, NJ 07092. The date and time of each Closing shall be as follows: (i) the First Closing shall be 10:00 a.m., New York time, on the first Business Day on which the conditions to the Closing set forth in Sections 6 and 7 below are satisfied or waived (or such other date as is mutually agreed to by the Company and each Buyer) (the "First Closing Date"), (ii) the Second Closing shall be 10:00 a.m., New York time, by the third Business Day after the date on which the Registration Statement is filed by the Company with the SEC, provided the conditions to the Closing set forth in Sections 6 and 7 below are satisfied or waived (or such other date as is mutually agreed to by the Company and each Buyer) (the "Second Closing Date"), and (iii) the Third Closing shall be 10:00 a.m., New York time, by the third Business Day after the Registration Statement is first declared effective by the SEC, provided the conditions to the Closing set forth in Sections 6 and 7 below are satisfied or waived (or such other date as is mutually agreed to by the Company and each Buyer) (the "Third Closing Date" and collectively referred to as the "Closing Dates"). As used herein "Business Day" means any day other than a Saturday, Sunday or other day on which commercial banks in New York, New York are authorized or required by law to remain closed.

(c) Form of Payment; Deliveries. Subject to the satisfaction of the terms and conditions of this Agreement, on each Closing Date, (i) the Buyers shall deliver to the Company such aggregate proceeds for the Convertible Debentures to be issued and sold to such Buyer at such Closing, minus the fees to be paid directly from the proceeds of such Closing as set forth herein, and (ii) the Company shall deliver to each Buyer, Convertible Debentures which such Buyer is purchasing at such Closing with a principal amount corresponding with the Subscription Amount set forth opposite each Buyer's name on Schedule of Buyers attached as Schedule I hereto, duly executed on behalf of the Company.

(d) Maximum Shares. Notwithstanding anything in this Agreement to the contrary, the Company shall not issue any Ordinary Shares pursuant to the transactions contemplated hereby or any other Transaction Documents (including the Conversion Shares) if the issuance of such Ordinary Shares would exceed the aggregate number of Ordinary Shares that the Company may issue in this transaction in compliance with the Company's obligations under the rules or regulations of Nasdaq Stock Market LLC (the "Nasdaq") (the number of shares which may be issued without violating such rules and regulations is 66,485,836 (which is 19.99% of 334,099,682 outstanding Ordinary Shares) and shall be referred to as the "Exchange Cap"), except that such limitation shall not apply in the event that the Company (A) obtains the approval of its stockholders as required by the applicable rules of the Nasdaq for issuances of shares in excess of such amount or (B) obtains a written opinion from Cayman Islands counsel to the Company that it may follow its home country practice, and therefore, such approval is not required, which opinion shall be reasonably satisfactory to the Buyers. The Exchange Cap shall be appropriately adjusted for any stock dividend, stock split, reverse stock split or similar transaction.

2. BUYER’S REPRESENTATIONS AND WARRANTIES.

Each Buyer, severally and not jointly, represents and warrants to the Company with respect to only itself that, as of the date hereof and as of each Closing Date:

(a) Investment Purpose. The Buyer is acquiring the Securities for its own account for investment only and not with a view towards, or for resale in connection with, the public sale or distribution thereof, except pursuant to sales registered or exempted under the Securities Act; provided, however, that by making the representations herein, such Buyer reserves the right to dispose of the Securities at any time in accordance with or pursuant to an effective registration statement covering such Securities or an available exemption under the Securities Act. Such Buyer does not presently have any agreement or understanding, directly or indirectly, with any Person to distribute any of the Securities.

(b) Accredited Investor Status. The Buyer is an “Accredited Investor” as that term is defined in Rule 501(a)(3) of Regulation D.

(c) Reliance on Exemptions. The Buyer understands that the Securities are being offered and sold to it in reliance on specific exemptions from the registration requirements of United States federal and state securities laws and that the Company is relying in part upon the truth and accuracy of, and such Buyer’s compliance with, the representations, warranties, agreements, acknowledgments and understandings of such Buyer set forth herein in order to determine the availability of such exemptions and the eligibility of such Buyer to acquire the Securities.

(d) Information. The Buyer and its advisors (and his or, its counsel), if any, have been furnished with all materials relating to the business, finances and operations of the Company and information he deemed material to making an informed investment decision regarding his purchase of the Securities, which have been requested by such Buyer. The Buyer and its advisors, if any, have been afforded the opportunity to ask questions of the Company and its management. Neither such inquiries nor any other due diligence investigations conducted by such Buyer or its advisors, if any, or its representatives shall modify, amend or affect such Buyer’s right to rely on the Company’s representations and warranties contained in Section 3 below. The Buyer understands that its investment in the Securities involves a high degree of risk. The Buyer has sought such accounting, legal and tax advice, as it has considered necessary to make an informed investment decision with respect to its acquisition of the Securities.

(e) Transfer or Resale. The Buyer understands that: (i) the Securities have not been registered under the Securities Act or any state securities laws, and may not be offered for sale, sold, assigned or transferred unless (A) subsequently registered thereunder, (B) such Buyer shall have delivered to the Company an opinion of counsel, in a generally acceptable form, to the effect that such Securities to be sold, assigned or transferred may be sold, assigned or transferred pursuant to an exemption from such registration requirements, or (C) such Buyer provides the Company with reasonable assurances (in the form of seller and broker representation letters) that such Securities can be sold, assigned or transferred pursuant to Rule 144 promulgated under the Securities Act, as amended (or a successor rule thereto) (collectively, "Rule 144"), in each case following the applicable holding period set forth therein; and (ii) any sale of the Securities made in reliance on Rule 144 may be made only in accordance with the terms of Rule 144 and further, if Rule 144 is not applicable, any resale of the Securities under circumstances in which the seller (or the person through whom the sale is made) may be deemed to be an underwriter (as that term is defined in the Securities Act) may require compliance with some other exemption under the Securities Act or the rules and regulations of the SEC thereunder.

(f) Legends. The Buyer agrees to the imprinting, so long as its required by this Section 2(f), of a restrictive legend on the Securities in substantially the following form:

THE SECURITIES REPRESENTED BY THIS CERTIFICATE [AND THOSE SECURITIES INTO WHICH THEY ARE CONVERTIBLE] HAVE NOT BEEN REGISTERED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR APPLICABLE STATE SECURITIES LAWS. THE SECURITIES [AND THOSE SECURITIES INTO WHICH THEY ARE CONVERTIBLE] HAVE BEEN ACQUIRED SOLELY FOR INVESTMENT PURPOSES AND NOT WITH A VIEW TOWARD RESALE AND MAY NOT BE OFFERED FOR SALE, SOLD, TRANSFERRED OR ASSIGNED IN THE ABSENCE OF AN EFFECTIVE REGISTRATION STATEMENT FOR THE SECURITIES UNDER THE SECURITIES ACT OF 1933, AS AMENDED, OR APPLICABLE STATE SECURITIES LAWS, OR AN OPINION OF COUNSEL DELIVERED TO THE COMPANY, IN A GENERALLY ACCEPTABLE FORM, THAT REGISTRATION IS NOT REQUIRED UNDER SAID ACT OR APPLICABLE STATE SECURITIES LAWS

Certificates evidencing the Conversion Shares shall not contain any legend (including the legend set forth above), (i) while a registration statement covering the resale of such security is effective under the Securities Act, (ii) following any sale of such Conversion Shares pursuant to Rule 144, (iii) if such Conversion Shares are eligible for sale under Rule 144, or (iv) if such legend is not required under applicable requirements of the Securities Act (including judicial interpretations and pronouncements issued by the staff of the SEC). The Buyer agrees that the removal of restrictive legend from certificates representing Securities as set forth in this Section 3(f) is predicated upon the Company's reliance that the Buyer will sell any Securities pursuant to either the registration requirements of the Securities Act, including any applicable prospectus delivery requirements, or an exemption therefrom, and that if Securities are sold pursuant to a registration statement, they will be sold in compliance with the plan of distribution set forth therein.

(g) Organization; Authority. Such Buyer is an entity duly organized, validly existing and in good standing under the laws of the jurisdiction of its organization with the requisite power and authority to enter into and to consummate the transactions contemplated by the Transaction Documents (as defined below) to which it is a party and otherwise to carry out its obligations hereunder and thereunder.

(h) Authorization, Enforcement. This Agreement has been duly and validly authorized, executed and delivered on behalf of such Buyer and shall constitute the legal, valid and binding obligations of such Buyer enforceable against such Buyer in accordance with its terms, except as such enforceability may be limited by general principles of equity or to applicable bankruptcy, insolvency, reorganization, moratorium, liquidation and other similar laws relating to, or affecting generally, the enforcement of applicable creditors' rights and remedies.

(i) No Conflicts. The execution, delivery and performance by such Buyer of this Agreement and the consummation by such Buyer of the transactions contemplated hereby will not (i) result in a violation of the organizational documents of such Buyer, (ii) conflict with, or constitute a default (or an event which with notice or lapse of time or both would become a default) under, or give to others any rights of termination, amendment, acceleration or cancellation of, any agreement, indenture or instrument to which such Buyer is a party or (iii) result in a violation of any law, rule, regulation, order, judgment or decree (including federal and state securities laws) applicable to such Buyer, except, in the case of clauses (ii) and (iii) above, for such conflicts, defaults, rights or violations which could not, individually or in the aggregate, reasonably be expected to have a material adverse effect on the ability of such Buyer to perform its obligations hereunder.

(j) Certain Trading Activities. The Buyer has not directly or indirectly, nor has any Person acting on behalf of or pursuant to any understanding with the Buyer, engaged in any transactions in the securities of the Company (including, without limitation, any Short Sales (as defined below) involving the Company's securities) during the period commencing as of the time that the Buyer first contacted the Company or the Company's agents regarding the specific investment in the Company contemplated by this Agreement and ending immediately prior to the execution of this Agreement by such Buyer. The Buyer hereby agrees that it shall not directly or indirectly, engage in any Short Sales involving the Company's securities during the period commencing on the date hereof and ending when no Convertible Debentures remain outstanding. "Short Sales" means all "short sales" as defined in Rule 200 promulgated under Regulation SHO under the 1934 Act (as defined below). The Buyer is aware that Short Sales and other hedging activities may be subject to applicable federal and state securities laws, rules and regulations and the Buyer acknowledges that the responsibility of compliance with any such federal or state securities laws, rules and regulations is solely the responsibility of the Buyer.

(k) Trading Information. Upon the Company's request, the Buyer agrees to provide the Company with trading reports setting forth the number and average sales prices of Conversion Shares and Warrant Shares sold the Buyer during the prior trading week.

3. REPRESENTATIONS AND WARRANTIES OF THE COMPANY.

Except as set forth under the corresponding section of the Disclosure Schedules which Disclosure Schedules shall be deemed a part hereof and to qualify any representation or warranty otherwise made herein to the extent of such disclosure, the Company hereby makes the representations and warranties set forth below to each Buyer:

(a) Organization and Qualification. The Company and each of its Subsidiaries are entities duly formed, validly existing and in good standing under the laws of the jurisdiction in which they are formed, and have the requisite power and authority to own their properties and to carry on their business as now being conducted and as presently proposed to be conducted. The Company and each of its Subsidiaries is duly qualified as a foreign entity to do business and is in good standing in every jurisdiction in which its ownership of property or the nature of the business conducted by it makes such qualification necessary, except to the extent that the failure to be so qualified or be in good standing would not reasonably be expected to have a Material Adverse Effect (as defined below). As used in this Agreement, "Material Adverse Effect" means any material adverse effect on (i) the business, properties, assets, liabilities, operations (including results thereof), condition (financial or otherwise) or prospects of the Company and its Subsidiaries, taken as a whole, (ii) the transactions contemplated hereby or in any of the other Transaction Documents or any other agreements or instruments to be entered into by the Company in connection herewith or therewith or (iii) the authority or ability of the Company to perform any of its obligations under any of the Transaction Documents (as defined below). "Subsidiaries" means any Person in which the Company, directly or indirectly, owns a majority of the outstanding capital stock having voting power or holds a majority of the equity or similar interest of such Person, and each of the foregoing, is individually referred to herein as a "Subsidiary".

(b) Authorization; Enforcement; Validity. The Company has the requisite power and authority to enter into and perform its obligations under this Agreement and the other Transaction Documents and to issue the Securities in accordance with the terms hereof and thereof. The execution and delivery of this Agreement and the other Transaction Documents by the Company and the consummation by the Company of the transactions contemplated hereby and thereby (including, without limitation, the issuance of the Convertible Debentures, the reservation for issuance and issuance of the Conversion Shares issuable upon conversion of the Convertible Debentures), have been duly authorized by the Company's board of directors and no further filing, consent or authorization is required by the Company, its board of directors or its stockholders or other governmental body. This Agreement has been, and the other Transaction Documents to which the Company is a party will be prior to the Closing, duly executed and delivered by the Company, and each constitutes the legal, valid and binding obligations of the Company, enforceable against the Company in accordance with its respective terms, except as such enforceability may be limited by general principles of equity or applicable bankruptcy, insolvency, reorganization, moratorium, liquidation or similar laws relating to, or affecting generally, the enforcement of applicable creditors' rights and remedies and except as rights to indemnification and to contribution may be limited by federal or state securities law. "Transaction Documents" means, collectively, this Agreement, the Registration Rights Agreement, the Convertible Debentures, the Irrevocable Transfer Agent Instructions, and each of the other agreements and instruments entered into by the Company or delivered by the Company in connection with the transactions contemplated hereby and thereby, as may be amended from time to time.

(c) Issuance of Securities. The issuance of the Securities are duly authorized and, upon issuance and payment in accordance with the terms of the Transaction Documents the Securities shall be validly issued, fully paid and non-assessable and free from all preemptive or similar rights, mortgages, defects, claims, liens, pledges, charges, taxes, rights of first refusal, encumbrances, security interests and other encumbrances (collectively “Liens”) with respect to the issuance thereof. Upon issuance or conversion in accordance with the Convertible Debentures, the Conversion Shares, when issued, will be validly issued, fully paid and nonassessable and free from all preemptive or similar rights or Liens with respect to the issue thereof, with the holders being entitled to all rights accorded to a holder of ADSs.

(d) No Conflicts. The execution, delivery and performance of the Transaction Documents by the Company and the consummation by the Company of the transactions contemplated hereby and thereby (including, without limitation, the issuance of the Convertible Debentures, the Conversion Shares, and the reservation for issuance of the Conversion Shares) will not (i) result in a violation of the Memorandum of Association (as defined below), Articles of Association (as defined below), certificate of formation, memorandum of association, articles of association, bylaws or other organizational documents of the Company or any of its Subsidiaries, or any capital stock or other securities of the Company or any of its Subsidiaries, (ii) conflict with, or constitute a default under, or give to others any rights of termination, amendment, acceleration or cancellation of, any agreement, indenture or instrument to which the Company or any of its Subsidiaries is a party, or (iii) result in a violation of any law, rule, regulation, order, judgment or decree (including, without limitation, U.S. federal and state securities laws and regulations, the securities laws of the jurisdictions of the Company’s incorporation or in which it or its subsidiaries operate and the rules and regulations of the Nasdaq Capital Market (the “Principal Market”) and including all applicable laws, rules and regulations of the Cayman Islands) applicable to the Company or any of its Subsidiaries or by which any property or asset of the Company or any of its Subsidiaries is bound or affected, except in the case of (ii) and (iii) for any conflict, default, right or violation that would not reasonably be expected to result in a Material Adverse Effect.

(e) Consents. The Company is not required to obtain any material consent from, authorization or order of, or make any filing or registration with (other than any filings as may be required by any federal or state securities agencies and any filings as may be required by the Principal Market), any Governmental Entity (as defined below) or any regulatory or self-regulatory agency or any other Person in order for it to execute, deliver or perform any of its obligations under or contemplated by the Transaction Documents, in each case, in accordance with the terms hereof or thereof. All consents, authorizations, orders, filings and registrations which the Company or any Subsidiary is required to obtain pursuant to the preceding sentence have been or will be obtained or effected on or prior to each Closing Date, and neither the Company nor any of its Subsidiaries are aware of any facts or circumstances which might prevent the Company or any of its Subsidiaries from obtaining or effecting any of the registration, application or filings contemplated by the Transaction Documents. The Company is not in violation of the requirements of the Principal Market and has no knowledge of any facts or circumstances which could reasonably lead to delisting or suspension of the ADSs in the foreseeable future. “Governmental Entity” means any nation, state, county, city, town, village, district, or other political jurisdiction of any nature, federal, state, local, municipal, foreign, or other government, governmental or quasi-governmental authority of any nature (including any governmental agency, branch, department, official, or entity and any court or other tribunal), multi-national organization or body; or body exercising, or entitled to exercise, any administrative, executive, judicial, legislative, police, regulatory, or taxing authority or power of any nature or instrumentality of any of the foregoing, including any entity or enterprise owned or controlled by a government or a public international organization or any of the foregoing.

(f) Acknowledgment Regarding Buyer’s Purchase of Securities. The Company acknowledges and agrees that each Buyer is acting solely in the capacity of an arm’s length purchaser with respect to the Transaction Documents and the transactions contemplated hereby and thereby and that no Buyer is (i) an officer or director of the Company or any of its Subsidiaries, (ii) to its knowledge, an “affiliate” (as defined in Rule 144 promulgated under the 1933 Act (or a successor rule thereto) (collectively, “Rule 144”)) of the Company or any of its Subsidiaries or (iii) to its knowledge, a “beneficial owner” of more than 10% of the shares of Ordinary Shares or ADSs (as defined for purposes of Rule 13d-3 of the 1934 Act). The Company further acknowledges that no Buyer (nor any affiliate of any Buyer) is acting as a financial advisor or fiduciary of the Company or any of its Subsidiaries (or in any similar capacity) with respect to the Transaction Documents and the transactions contemplated hereby and thereby, and any advice given by a Buyer or any of its representatives or agents in connection with the Transaction Documents and the transactions contemplated hereby and thereby is merely incidental to such Buyer’s purchase of the Securities. The Company further represents to each Buyer that the Company’s decision to enter into the Transaction Documents to which it is a party has been based solely on the independent evaluation by the Company and its representatives.

(g) No Integrated Offering. None of the Company, its Subsidiaries or any of their affiliates, nor any Person acting on their behalf has, directly or indirectly, made any offers or sales of any security or solicited any offers to buy any security, under circumstances that would cause this offering of the Securities to require approval of stockholders of the Company under any applicable stockholder approval provisions, including, without limitation, under the rules and regulations of any exchange or automated quotation system on which any of the securities of the Company are listed or designated for quotation. None of the Company, its Subsidiaries, their affiliates nor any Person acting on their behalf will take any action or steps that would cause the offering of any of the Securities to be integrated with other offerings of securities of the Company.

(h) Dilutive Effect. The Company understands and acknowledges that the number of Conversion Shares will increase in certain circumstances. The Company further acknowledges its obligation to issue the Conversion Shares upon conversion of the Convertible Debentures in accordance with this Agreement and the Convertible Debentures is, absolute and unconditional regardless of the dilutive effect that such issuance may have on the ownership interests of other stockholders of the Company.

(i) Application of Takeover Protections; Rights Agreement. The Company and its board of directors have taken all necessary action, if any, in order to render inapplicable any control share acquisition, interested stockholder, business combination, poison pill (including, without limitation, any distribution under a rights agreement), stockholder rights plan or other similar anti-takeover provision under the Memorandum of Association, Articles of Association or other organizational documents or the laws of the jurisdiction of its incorporation or otherwise which is or could become applicable to any Buyer as a result of the transactions contemplated by this Agreement, including, without limitation, the Company's issuance of the Securities and any Buyer's ownership of the Securities.

(j) SEC Documents; Financial Statements. During the two (2) years prior to the date hereof, the Company has timely filed all reports, schedules, forms, proxy statements, statements and other documents required to be filed by it with the SEC pursuant to the reporting requirements of the Securities Exchange Act of 1934, as amended (the “1934 Act”) (all of the foregoing filed prior to the date hereof and all exhibits and appendices included therein and financial statements, notes and schedules thereto and documents incorporated by reference therein being hereinafter referred to as the “SEC Documents”). As of their respective dates, the SEC Documents complied in all material respects with the requirements of the 1934 Act and the rules and regulations of the SEC promulgated thereunder applicable to the SEC Documents, and none of the SEC Documents, at the time they were filed with the SEC, contained any untrue statement of a material fact or omitted to state a material fact required to be stated therein or necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. As of their respective dates, the financial statements of the Company included in the SEC Documents complied in all material respects with applicable accounting requirements and the published rules and regulations of the SEC with respect thereto as in effect as of the time of filing. Such financial statements have been prepared in accordance with generally accepted accounting principles (“GAAP”), consistently applied, during the periods involved (except (i) as may be otherwise indicated in such financial statements or the notes thereto, or (ii) in the case of unaudited interim statements, to the extent they may exclude footnotes or may be condensed or summary statements) and fairly present in all material respects the financial position of the Company as of the dates thereof and the results of its operations and cash flows for the periods then ended (subject, in the case of unaudited statements, to normal year-end audit adjustments which will not be material, either individually or in the aggregate). The reserves, if any, established by the Company or the lack of reserves, if applicable, are reasonable based upon facts and circumstances known by the Company on the date hereof and there are no loss contingencies that are required to be accrued by the Statement of Financial Accounting Standard No. 5 of the Financial Accounting Standards Board which are not provided for by the Company in its financial statements or otherwise. No other information provided by or on behalf of the Company to any of the Buyers which is not included in the SEC Documents (including, without limitation, information in the disclosure schedules to this Agreement) contains any untrue statement of a material fact or omits to state any material fact necessary in order to make the statements therein not misleading, in the light of the circumstance under which they are or were made. The Company is not currently contemplating to amend or restate any of the financial statements (including, without limitation, any notes or any letter of the independent accountants of the Company with respect thereto) included in the SEC Documents (the “Financial Statements”), nor is the Company currently aware of facts or circumstances which would require the Company to amend or restate any of the Financial Statements, in each case, in order for any of the Financials Statements to be in compliance with GAAP and the rules and regulations of the SEC. The Company has not been informed by its independent accountants that they recommend that the Company amend or restate any of the Financial Statements or that there is any need for the Company to amend or restate any of the Financial Statements.

(k) Absence of Certain Changes. Since the date of the Company’s most recent audited financial statements contained in a Form 20-F, there has been no Material Adverse Effect, nor any event or occurrence specifically affecting the Company or its Subsidiaries that would be reasonably expected to result in a Material Adverse Effect. Since the date of the Company’s most recent audited financial statements contained in a Form 20-F, neither the Company nor any of its Subsidiaries has (i) declared or paid any dividends, (ii) sold any material assets, individually or in the aggregate, outside of the ordinary course of business or (iii) made any material capital expenditures, individually or in the aggregate, outside of the ordinary course of business. Neither the Company nor any of its Subsidiaries has taken any steps to seek protection pursuant to any law or statute relating to bankruptcy, insolvency, reorganization, receivership, liquidation or winding up, nor does the Company or any Subsidiary have any knowledge or reason to believe that any of their respective creditors intend to initiate involuntary bankruptcy proceedings or any actual knowledge of any fact which would reasonably lead a creditor to do so.

(l) No Undisclosed Events, Liabilities, Developments or Circumstances. No event, liability, development or circumstance has occurred or exists, or is reasonably expected to exist or occur specific to the Company, any of its Subsidiaries or any of their respective businesses, properties, liabilities, prospects, operations (including results thereof) or condition (financial or otherwise), that has not been publicly disclosed and would reasonably be expected to have a Material Adverse Effect.

(m) Conduct of Business; Regulatory Permits. Neither the Company nor any of its Subsidiaries is in violation of any term under its Memorandum of Association, any certificate of designation, preferences or rights of any other outstanding series of preferred stock of the Company or any of its Subsidiaries or Articles of Association or their organizational charter, certificate of formation, memorandum of association, articles of association, Memorandum of Association or certificate of incorporation or bylaws, respectively. Neither the Company nor any of its Subsidiaries is in violation of any judgment, decree or order or any statute, ordinance, rule or regulation applicable to the Company or any of its Subsidiaries, and neither the Company nor any of its Subsidiaries will conduct its business in violation of any of the foregoing, except in all cases for violations which would not reasonably be expected to have a Material Adverse Effect. Without limiting the generality of the foregoing, the Company is not in violation of any of the rules, regulations or requirements of the Principal Market and has no knowledge of any facts or circumstances that could reasonably lead to delisting or suspension of the ADSs by the Principal Market in the foreseeable future. During the one year prior to the date hereof, (i) the ADSs has been listed or designated for quotation on the Principal Market, (ii) trading in the ADSs has not been suspended by the SEC or the Principal Market and (iii) the Company has received no communication, written or oral, from the SEC or the Principal Market regarding the suspension or delisting of the ADSs from the Principal Market, which has not been publicly disclosed. The Company and each of its Subsidiaries possess all certificates, authorizations and permits issued by the appropriate regulatory authorities necessary to conduct their respective businesses, except where the failure to possess such certificates, authorizations or permits would not reasonably be expected to have, individually or in the aggregate, a Material Adverse Effect, and neither the Company nor any of its Subsidiaries has received any notice of proceedings relating to the revocation or modification of any such certificate, authorization or permit. There is no agreement, commitment, judgment, injunction, order or decree binding upon the Company or any of its Subsidiaries or to which the Company or any of its Subsidiaries is a party which has or would reasonably be expected to have the effect of prohibiting or materially impairing any business practice of the Company or any of its Subsidiaries, any acquisition of property by the Company or any of its Subsidiaries or the conduct of business by the Company or any of its Subsidiaries as currently conducted other than such effects, individually or in the aggregate, which have not had and would not reasonably be expected to have a Material Adverse Effect on the Company or any of its Subsidiaries.

(n) Foreign Corrupt Practices. Neither the Company nor any of its Subsidiaries nor any director, officer, agent, employee, nor any other person acting for or on behalf of the Company or any of its Subsidiaries (individually and collectively, a “Company Affiliate”) have violated the U.S. Foreign Corrupt Practices Act (the “FCPA”) or any other applicable anti-bribery or anti-corruption laws, nor has any Company Affiliate offered, paid, promised to pay, or authorized the payment of any money, or offered, given, promised to give, or authorized the giving of anything of value, to any officer, employee or any other person acting in an official capacity for any Governmental Entity to any political party or official thereof or to any candidate for political office (individually and collectively, a “Government Official”) or to any person under circumstances where such Company Affiliate knew or was aware of a high probability that all or a portion of such money or thing of value would be offered, given or promised, directly or indirectly, to any Government Official, for the purpose, in violation of applicable law, of: (i) (A) influencing any act or decision of such Government Official in his/her official capacity, (B) inducing such Government Official to do or omit to do any act in violation of his/her lawful duty, (C) securing any improper advantage, or (D) inducing such Government Official to influence or affect any act or decision of any Governmental Entity, or (ii) assisting the Company or its Subsidiaries in obtaining or retaining business for or with, or directing business to, the Company or its Subsidiaries.

(o) Equity Capitalization.

(i) Definitions:

(A) “Class A Ordinary Shares” means (x) the Company’s shares of class A ordinary shares, par value \$0.00005 per share, and (y) any capital stock into which such shares shall have been changed or any share capital resulting from a reclassification of such ordinary shares.

(B) “Class B Ordinary Shares” means (x) the Company’s shares of class B ordinary shares, par value \$0.00005 per share, and (y) any capital stock into which such shares shall have been changed or any share capital resulting from a reclassification of such ordinary shares.

(C) “Golden Shares” means the Company’s shares of class or classes (however designated) as the board of directors may determine in accordance with the Articles of Association.

(ii) Authorized and Outstanding Capital Stock. As of the date hereof, the authorized capital stock of the Company consists of (A) 350,000,000 authorized Class A Ordinary Shares, of which 334,099,682 are issued and outstanding, (B) 350,000,000 authorized Class B Ordinary Shares, of which 54,819,733 are issued and outstanding, and (C) 100,000,000 Golden Shares, none of which are issued and outstanding.

(iii) Valid Issuance; Available Shares. All of such outstanding shares are duly authorized and have been validly issued and are fully paid and nonassessable.

(iv) Existing Securities; Obligations. Except as disclosed in the SEC Documents: (A) none of the Company’s or any Subsidiary’s shares, interests or capital stock is subject to preemptive rights or any other similar rights or Liens suffered or permitted by the Company or any Subsidiary; (B) there are no outstanding options, warrants, scrip, rights to subscribe to, calls or commitments of any character whatsoever relating to, or securities or rights convertible into, or exercisable or exchangeable for, any shares, interests or capital stock of the Company or any of its Subsidiaries, or contracts, commitments, understandings or arrangements by which the Company or any of its Subsidiaries is or may become bound to issue additional shares, interests or capital stock of the Company or any of its Subsidiaries or options, warrants, scrip, rights to subscribe to, calls or commitments of any character whatsoever relating to, or securities or rights convertible into, or exercisable or exchangeable for, any shares, interests or capital stock of the Company or any of its Subsidiaries; (C) there are no agreements or arrangements under which the Company or any of its Subsidiaries is obligated to register the sale of any of their securities under the 1933 Act (except pursuant to this Agreement); (D) there are no outstanding securities or instruments of the Company or any of its Subsidiaries which contain any redemption or similar provisions, and there are no contracts, commitments, understandings or arrangements by which the Company or any of its Subsidiaries is or may become bound to redeem a security of the Company or any of its Subsidiaries; (E) there are no securities or instruments containing anti-dilution or similar provisions that will be triggered by the issuance of the Securities; and (G) neither the Company nor any Subsidiary has any stock appreciation rights or “phantom stock” plans or agreements or any similar plan or agreement.

(v) Organizational Documents. The Company has furnished to the Buyers or filed on EDGAR true, correct and complete copies of the Company's Memorandum of Association, as amended and as in effect on the date hereof (the "Memorandum of Association"), and the Company's Articles of Association, as amended and as in effect on the date hereof (the "Articles of Association"), and the terms of all convertible securities and the material rights of the holders thereof in respect thereto.

(p) Litigation. Except as disclosed in the SEC Documents, there is no action, suit, arbitration, proceeding, inquiry or investigation before or by the Principal Market, any court, public board, other Governmental Entity, self-regulatory organization or body pending or, to the knowledge of the Company, threatened against or affecting the Company or any of its Subsidiaries, or any of the Company's or its Subsidiaries' officers or directors, whether of a civil or criminal nature or otherwise, in their capacities as such, which would reasonably be expected to result in a Material Adverse Effect. After reasonable inquiry of its employees, the Company is not aware of any event which might result in or form the basis for any such action, suit, arbitration, investigation, inquiry or other proceeding. Without limitation of the foregoing, there has not been, and to the knowledge of the Company, there is not pending or contemplated, any investigation by the SEC involving the Company, any of its Subsidiaries or any current or former director or officer of the Company or any of its Subsidiaries. Neither the Company nor any of its Subsidiaries is the subject of any order, writ, judgment, injunction, decree, determination or award of any Governmental Entity that would reasonably be expected to result in a Material Adverse Effect.

(q) Insurance. The Company and each of its Subsidiaries are insured by insurers of recognized financial responsibility against such losses and risks and in such amounts as management of the Company believes to be prudent and customary in the businesses in which the Company and its Subsidiaries are engaged. In accordance with the previous sentence, the Company currently maintains no insurance policies. Neither the Company nor any such Subsidiary has been refused any insurance coverage sought or applied for, and neither the Company nor any such Subsidiary has any reason to believe that it will be unable to renew its existing insurance coverage as and when such coverage expires or to obtain similar coverage from similar insurers as may be necessary to continue its business at a cost that would not have a Material Adverse Effect.

(r) Manipulation of Price. Neither the Company nor any of its Subsidiaries has, and, to the knowledge of the Company, no Person acting on their behalf has, directly or indirectly, (i) taken any action designed to cause or to result in the stabilization or manipulation of the price of any security of the Company or any of its Subsidiaries to facilitate the sale or resale of any of the Securities, (ii) sold, bid for, purchased, or paid any compensation for soliciting purchases of, any of the Securities, or (iii) paid or agreed to pay to any Person any compensation for soliciting another to purchase any other securities of the Company or any of its Subsidiaries.

(s) Shell Company Status. The Company is not, and has never been, an issuer identified in, or subject to, Rule 144(i).

(t) Money Laundering. The Company and its Subsidiaries are in compliance with, and have not previously violated, the USA Patriot Act of 2001 and all other applicable U.S. and non-U.S. anti-money laundering laws and regulations, including, but not limited to, the laws, regulations and Executive Orders and sanctions programs ("Sanctions Programs") administered by the U.S. Office of Foreign Assets Control ("OFAC"), including, without limitation, (i) Executive Order 13224 of September 23, 2001 entitled, "Blocking Property and Prohibiting Transactions With Persons Who Commit, Threaten to Commit, or Support Terrorism" (66 Fed. Reg. 49079 (2001)); and any regulations contained in 31 CFR, Subtitle B, Chapter V.

(u) Disclosure. The Company confirms that neither it nor any other Person acting on its behalf has provided any of the Buyers or their agents or counsel with any information that constitutes or could reasonably be expected to constitute material, non-public information concerning the Company or any of its Subsidiaries, other than the existence of the transactions contemplated by this Agreement and the other Transaction Documents. The Company understands and confirms that each of the Buyers will rely on the foregoing representations in effecting transactions in securities of the Company. All disclosures provided to the Buyers regarding the Company and its Subsidiaries, their businesses and the transactions contemplated hereby, including the schedules to this Agreement, furnished by or on behalf of the Company or any of its Subsidiaries, taken as a whole, are true and correct and does not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements made therein, in the light of the circumstances under which they were made, not misleading. All of the written information furnished after the date hereof by or on behalf of the Company or any of its Subsidiaries to each Buyer pursuant to or in connection with this Agreement and the other Transaction Documents, taken as a whole, will be true and correct in all material respects as of the date on which such information is so provided and will not contain any untrue statement of a material fact or omit to state any material fact necessary in order to make the statements made therein, in the light of the circumstances under which they were made, not misleading. No event or circumstance has occurred or information exists with respect to the Company or any of its Subsidiaries or its or their business, properties, liabilities, prospects, operations (including results thereof) or conditions (financial or otherwise), which, under applicable law, rule or regulation, requires public disclosure at or before the date hereof or announcement by the Company but which has not been so publicly disclosed. All financial projections and forecasts that have been prepared by or on behalf of the Company or any of its Subsidiaries and made available to the Buyers have been prepared in good faith based upon reasonable assumptions and represented, at the time each such financial projection or forecast was delivered to each Buyer, the Company's best estimate of future financial performance (it being recognized that such financial projections or forecasts are not to be viewed as facts and that the actual results during the period or periods covered by any such financial projections or forecasts may differ from the projected or forecasted results). The Company acknowledges and agrees that no Buyer makes or has made any representations or warranties with respect to the transactions contemplated hereby other than those specifically set forth in Section 2.

(v) No General Solicitation. Neither the Company, nor any of its affiliates, nor any Person acting on its or their behalf, has engaged in any form of general solicitation or general advertising (within the meaning of Regulation D under the Securities Act) in connection with the offer or sale of the Securities.

(w) Private Placement. Assuming the accuracy of the Buyers' representations and warranties set forth in Section 2, no registration under the Securities Act is required for the offer and sale of the Securities by the Company to the Buyers as contemplated hereby. The issuance and sale of the Securities hereunder does not contravene the rules and regulations of the Primary Market.

4. COVENANTS.

(a) Reporting Status. For the period beginning on the date hereof, and ending 6 months after the date on which all the Convertible Debentures are no longer outstanding (the "Reporting Period"), the Company shall use its best efforts to file on a timely basis all reports required to be filed with the SEC pursuant to the 1934 Act, and the Company shall not terminate its status as an issuer required to file reports under the 1934 Act even if the 1934 Act or the rules and regulations thereunder would no longer require or otherwise permit such termination.

(b) Use of Proceeds. Neither the Company nor any Subsidiary will, directly or indirectly, use the proceeds of the transactions contemplated herein to repay any loans to any executives or employees of the Company. Neither the Company nor any Subsidiary will, directly or indirectly, use the proceeds of the transactions contemplated herein, or lend, contribute, facilitate or otherwise make available such proceeds to any Person (i) to fund, either directly or indirectly, any activities or business of or with any Person that is identified on the list of Specially Designated Nationals and Blocker Persons maintained by OFAC, or in any country or territory, that, at the time of such funding, is, or whose government is, the subject of Sanctions Programs, or (ii) in any other manner that will result in a violation of Sanctions Programs.

(c) Listing. To the extent applicable, the Company shall promptly secure the listing or designation for quotation (as the case may be) of all of the Underlying Securities (as defined below) upon each national securities exchange and automated quotation system, if any, upon which the ADSs are then listed or designated for quotation (as the case may be, each an “Eligible Market”), subject to official notice of issuance, and shall use reasonable efforts to maintain such listing or designation for quotation (as the case may be) of all Underlying Securities from time to time issuable under the terms of the Transaction Documents on such Eligible Market for the Reporting Period. Neither the Company nor any of its Subsidiaries shall take any action which could be reasonably expected to result in the delisting or suspension of the ADSs on an Eligible Market during the Reporting Period. The Company shall pay all fees and expenses in connection with satisfying its obligations under this Section 4(c). “Underlying Securities” means the (i) the Conversion Shares, and (ii) any ADSs of the Company issued or issuable with respect to the Conversion Shares, including, without limitation, (1) as a result of any stock split, stock dividend, recapitalization, exchange or similar event or otherwise and (2) shares of capital stock of the Company into which the ADSs are converted or exchanged without regard to any limitations on conversion of the Convertible Debentures.

(d) Fees. The Company shall issue to YA II PN, Ltd. as the lead Buyer (the “YA II PN”), 300,000 ADSs (the “Commitment Shares”) as commitment fee. The Commitment Shares shall be issuable to YA II PN at the First Closing. The Company shall pay to YA Global II SPV, LLC, an affiliate of the lead Buyer (the “Subsidiary Fund”) a one-time structuring and due diligence fee in the amount of \$15,000, of which \$2,500 was previously received. The unpaid balance of time structuring and due diligence fee shall be deducted from the gross proceeds of the First Closing and paid to the Subsidiary Fund. The Company authorizes YA II PN to deduct any fees due hereunder from the gross process of the purchase of any Convertible Debentures.

(e) Pledge of Securities. Notwithstanding anything to the contrary contained in this Agreement, the Company acknowledges and agrees that, subject to compliance with applicable federal and state securities laws, the Securities may be pledged by a Buyer in connection with a bona fide margin agreement or other loan or financing arrangement that is secured by the Securities. The Company hereby agrees to execute and deliver such documentation as a pledgee of the Securities may reasonably request in connection with a pledge of the Securities to such pledgee by a Buyer.

(f) Disclosure of Transactions and Other Material Information. On or before 9:30 a.m., New York time, on the first Business Day after the date of this Agreement, the Company shall file a current report of Foreign Issuer on Form 6-K describing all the material terms of the transactions contemplated by the Transaction Documents in the form required by the 1934 Act and attaching all the material Transaction Documents (including, without limitation, this Agreement (and all schedules to this Agreement) (including all attachments, the “Current Report”). From and after the filing of the Current Report, the Company shall have disclosed all material, non-public information (if any) provided to any of the Buyers by the Company or any of its Subsidiaries or any of their respective officers, directors, employees or agents in connection with the transactions contemplated by the Transaction Documents. In addition, effective upon the filing of the Current Report, the Company acknowledges and agrees that any and all confidentiality or similar obligations with respect to the transactions contemplated by the Transaction Documents under any agreement, whether written or oral, between the Company, any of its Subsidiaries or any of their respective officers, directors, affiliates, employees or agents, on the one hand, and any of the Buyers or any of their affiliates, on the other hand, shall terminate, provided however, the confidentiality agreement contained in the Mutual Nondisclosure and Confidentiality Agreement entered into by and between the Company and Yorkville Advisors Global, LP on September 24, 2020 shall expire automatically upon the earlier of (i) the effectiveness of the Registration Statement, or (ii) November 15, 2020. The Company shall not, and the Company shall cause each of its Subsidiaries and each of its and their respective officers, directors, employees and agents not to, provide any Buyer with any material, non-public information regarding the Company or any of its Subsidiaries from and after the date hereof without first obtaining the express prior written consent of such Buyer (which may be granted or withheld in such Buyer’s sole discretion).

(g) Reservation of Shares. So long as any of the Convertible Debentures remain outstanding, the Company shall take all action necessary to at all times have authorized, and reserved for the purpose of issuance, no less than 300% of the maximum number ADSs and corresponding Ordinary Shares issuable upon conversion of all Convertible Debentures then outstanding (assuming for purposes hereof that (x) the Convertible Debentures are convertible at the Conversion Price then in effect, and (y) any such conversion shall not take into account any limitations on the conversion of the Convertible Debentures, including the Floor Price) (the "Required Reserve Amount"); provided that at no time shall the number of ADSs reserved pursuant to this Section 4(g) be reduced other than proportionally in connection with any conversion and/or redemption, or reverse stock split. If at any time the number ADSs or Ordinary Shares authorized and reserved for issuance is not sufficient to meet the Required Reserved Amount, the Company will promptly take all corporate action necessary to authorize and reserve a sufficient number of shares, including, without limitation, calling a special meeting of stockholders to authorize additional shares to meet the Company's obligations pursuant to the Transaction Documents, in the case of an insufficient number of authorized shares, recommending that stockholders vote in favor of an increase in such authorized number of shares sufficient to meet the Required Reserved Amount.

(h) Conduct of Business. The business of the Company and its Subsidiaries shall not be conducted in violation of any law, ordinance or regulation of any Governmental Entity, except where such violations would not reasonably be expected to result, either individually or in the aggregate, in a Material Adverse Effect.

(i) From the date hereof until all the Convertible Debentures have been repaid, unless the holders of at least 75% in principal amount of the then outstanding Convertible Debentures shall have given prior written consent, the Company shall not, and shall not permit any of its subsidiaries (whether or not a subsidiary on the date hereof) to, directly or indirectly (i) other than Permitted Indebtedness, enter into, create, incur, assume, guarantee or suffer to exist any indebtedness for borrowed money of any kind, including, but not limited to, a guarantee, on or with respect to any of its property or assets now owned or hereafter acquired or any interest therein or any income or profits therefrom, (ii) other than Permitted Liens, enter into, create, incur, assume or suffer to exist any lien, security interest, option or other charge or encumbrance (each, a "Lien") of any kind, on or with respect to any of its property or assets now owned or hereafter acquired or any interest therein or any income or profits therefrom, or (iii) amend its charter documents, including, without limitation, its certificate of incorporation and bylaws, in any manner that materially and adversely affects any rights of the holders of the Convertible Debentures.

“Permitted Indebtedness” shall mean: (i) indebtedness evidenced by the Convertible Debentures; (ii) indebtedness described on a Disclosure Schedule attached hereto; (iii) indebtedness incurred solely for the purpose of financing the acquisition or lease of any equipment, including capital lease obligations with no recourse other than to such equipment; (iv) indebtedness (A) the repayment of which has been subordinated to the payment of the Convertible Debentures on terms and conditions acceptable to the Buyers, including with regard to interest payments and repayment of principal, (B) which does not mature or otherwise require or permit redemption or repayment prior to or on the 91st day after the maturity date of any Convertible Debentures then outstanding; and (C) which is not secured by any assets of the Company or its subsidiaries; (v) indebtedness associated with acquiring new intellectual property assets and licenses, so long as the proceeds are going to the party(ies) from which the Company is acquiring the assets, licenses, and other properties and (vi) any indebtedness (other than the indebtedness set out in (i) — (v) above) incurred after the date hereof, provided that such indebtedness does not exceed \$20,000 at any given time.

“Permitted Liens” shall mean (1) any security interest granted to the Buyers to secure the obligations under the Convertible Debentures, (2) any prior security interest granted to the Buyers, (3) existing Liens disclosed by the Company on a Disclosure Schedule attached hereto; (4) inchoate Liens for taxes, assessments or governmental charges or levies not yet due, as to which the grace period, if any, related thereto has not yet expired, or being contested in good faith and by appropriate proceedings for which adequate reserves have been established in accordance with GAAP; (5) Liens of carriers, materialmen, warehousemen, mechanics and landlords and other similar Liens which secure amounts which are not yet overdue by more than 60 days or which are being contested in good faith by appropriate proceedings for which adequate reserves have been established in accordance with GAAP; (6) licenses, sublicenses, leases or subleases granted to other persons not materially interfering with the conduct of the business of the Company; (7) Liens securing capitalized lease obligations and purchase money indebtedness incurred solely for the purpose of financing an acquisition or lease; (8) easements, rights-of-way, restrictions, encroachments, municipal zoning ordinances and other similar charges or encumbrances, and minor title deficiencies, in each case not securing debt and not materially interfering with the conduct of the business of the Company and not materially detracting from the value of the property subject thereto; (9) Liens arising out of the existence of judgments or awards which judgments or awards do not constitute an Event of Default; (10) Liens incurred in the ordinary course of business in connection with workers compensation claims, unemployment insurance, pension liabilities and social security benefits and Liens securing the performance of bids, tenders, leases and contracts in the ordinary course of business, statutory obligations, surety bonds, performance bonds and other obligations of a like nature (other than appeal bonds) incurred in the ordinary course of business (exclusive of obligations in respect of the payment for borrowed money); (11) Liens in favor of a banking institution arising by operation of law encumbering deposits (including the right of set-off) and contractual set-off rights held by such banking institution and which are within the general parameters customary in the banking industry and only burdening deposit accounts or other funds maintained with a creditor depository institution; (12) usual and customary set-off rights in leases and other contracts; (13) escrows in connection with acquisitions and dispositions and (14) royalties and other rights to revenue derived from the sale of the Company’s products that are granted in the ordinary course of business.

5. REGISTER; TRANSFER AGENT INSTRUCTIONS; LEGEND.

(a) Register. The Company shall maintain at its principal executive offices or with the Transfer Agent (or at such other office or agency of the Company as it may designate by notice to each holder of Securities), a register for the Convertible Debentures in which the Company shall record the name and address of the Person in whose name the Convertible Debentures have been issued (including the name and address of each transferee), the amount of Convertible Debentures held by such Person, and the number of Conversion Shares issuable upon conversion of the Convertible Debentures held by such Person. The Company shall keep the register open and available at all times during business hours for inspection of any Buyer or its legal representatives.

(b) Transfer Restrictions. The Securities may only be disposed of in compliance with state and federal securities laws. In connection with any transfer of Securities other than pursuant to an effective registration statement or Rule 144, to the Company or to an Affiliate of a Buyer or in connection with a pledge as contemplated herein, the Company may require the transferor thereof to provide to the Company an opinion of counsel selected by the transferor and reasonably acceptable to the Company, the form and substance of which opinion shall be reasonably satisfactory to the Company, to the effect that such transfer does not require registration of such transferred Securities under the Securities Act. As a condition of transfer, any such transferee shall agree in writing to be bound by the terms of this Agreement and shall have the rights and obligations of a Buyer under this Agreement.

6. CONDITIONS TO THE COMPANY'S OBLIGATION TO SELL.

The obligation of the Company hereunder to issue and sell the Convertible Debentures to each Buyer at each Closing is subject to the satisfaction, at or before each Closing Date, of each of the following conditions, provided that these conditions are for the Company's sole benefit and may be waived by the Company at any time in its sole discretion by providing each Buyer with prior written notice thereof:

(a) Such Buyer shall have executed each of the Transaction Documents to which it is a party and delivered the same to the Company.

(b) Such Buyer and each other Buyer shall have delivered to the Company the Purchase Price (less, in the case of any Buyer, the amounts withheld pursuant to Section 4(d)) for the Convertible Debentures being purchased by such Buyer at the Closing by wire transfer of immediately available funds in accordance with the Closing Statement.

(c) The representations and warranties of such Buyer shall be true and correct in all material respects as of the date when made and as of each Closing Date as though originally made at that time (except for representations and warranties that speak as of a specific date, which shall be true and correct as of such specific date), and such Buyer shall have performed, satisfied and complied in all material respects with the covenants, agreements and conditions required by this Agreement to be performed, satisfied or complied with by such Buyer at or prior to such Closing Date.

7. **CONDITIONS TO EACH BUYER'S OBLIGATION TO PURCHASE.**

The obligation of each Buyer hereunder to purchase its Convertible Debentures at each Closing is subject to the satisfaction, at or before each Closing Date, of each of the following conditions, provided that these conditions are for each Buyer's sole benefit and may be waived by such Buyer at any time in its sole discretion by providing the Company with prior written notice thereof:

(a) The Company shall have duly executed and delivered to such Buyer each of the Transaction Documents to which it is a party and the Company shall have duly executed and delivered to such Buyer a Convertible Debenture with a principal amount corresponding to the Subscription Amount set forth opposite such Buyer's name on Schedule of Buyers attached as Schedule I for the Closing.

(b) Such Buyer shall have received the opinion of counsel to the Company, dated as of the First Closing Date, in the form reasonably acceptable to such Buyer.

(c) The Company shall have delivered to each Buyer copies of its and each Subsidiaries certified copies of its charter, as well as any shareholder or operating agreements by or among the shareholders or members of any of the Company's Subsidiaries.

(d) The Company shall have delivered to such Buyer a certificate evidencing the incorporation and good standing of the Company as of a date within ten (10) days of the Closing Date.

(e) Each and every representation and warranty of the Company shall be true and correct in all material respects (other than representations and warranties qualified by materiality, which shall be true and correct in all respects) as of the date when made and as of each Closing Date as though originally made at that time (except for representations and warranties that speak as of a specific date, which shall be true and correct as of such specific date) and the Company shall have performed, satisfied and complied in all respects with the covenants, agreements and conditions required to be performed, satisfied or complied with by the Company at or prior to each Closing Date, as set forth in section 3 and 4.

(f) The ADSs (A) shall be designated for quotation or listed (as applicable) on the Principal Market and (B) shall not have been suspended, as of each Closing Date, by the SEC or the Principal Market from trading on the Principal Market nor shall suspension by the SEC or the Principal Market have been threatened, as of each Closing Date, either (I) in writing by the SEC or the Principal Market or (II) by falling below the minimum maintenance requirements of the Principal Market.

(g) The Company shall have obtained all governmental, regulatory or third-party consents and approvals, if any, necessary for the sale of the Securities, including without limitation, those required by the Principal Market, if any.

(h) No statute, rule, regulation, executive order, decree, ruling or injunction shall have been enacted, entered, promulgated or endorsed by any court or Governmental Entity of competent jurisdiction that prohibits the consummation of any of the transactions contemplated by the Transaction Documents.

(i) Since the date of execution of this Agreement, no event or series of events shall have occurred that has resulted in or would reasonably be expected to result in a Material Adverse Effect.

(j) The Company shall have obtained approval of the Principal Market to list or designate for quotation (as the case may be) the Conversion Shares, if applicable.

(k) Such Buyer shall have received a letter, duly executed by an officer of the Company, setting forth the wire amounts of each Buyer and the wire transfer instructions of the Company (the "Closing Statement").

(l) From the date hereof to the applicable Closing Date, (i) trading in the ADSs shall not have been suspended by the SEC or the Principal Market (except for any suspension of trading of limited duration agreed to by the Company, which suspension shall be terminated prior to the Closing), (ii) the closing price of the ADSs during each of the five (5) consecutive Trading Days immediately prior to the applicable Closing Date shall be at least 120% of the Floor Price (as defined in the Convertible Debentures), and (iii) at any time prior to the applicable Closing Date, trading in securities generally as reported by Bloomberg L.P. shall not have been suspended or limited, or minimum prices shall not have been established on securities whose trades are reported by such service, or on the Principal Market, nor shall a banking moratorium have been declared either by the United States or New York State authorities nor shall there have occurred any material outbreak or escalation of hostilities or other national or international calamity of such magnitude in its effect on, or any material adverse change in, any financial market which, in each case, in the reasonable judgment of each Buyer, makes it impracticable or inadvisable to purchase the Securities at the Closing.

(m) The Company and its Subsidiaries shall have delivered to such Buyer such other documents, instruments or certificates relating to the transactions contemplated by this Agreement as such Buyer or its counsel may reasonably request.

(n) Solely with respect to the Second Closing, (i) the Company shall have filed the Registration Statement with the SEC in accordance with the rules and regulations for the filing thereof, and (ii) the Company shall have filed with the SEC its financial statements for the 6 months ended June 30, 2020.

(o) Solely with respect to the Third Closing, the Registration Statement shall be effective.

8. TERMINATION.

In the event that the First Closing shall not have occurred with respect to a Buyer within five (5) days of the date hereof, then such Buyer shall have the right to terminate its obligations under this Agreement with respect to itself at any time on or after the close of business on such date without liability of such Buyer to any other party; provided, however, (i) the right to terminate this Agreement under this Section 8 shall not be available to such Buyer if the failure of the transactions contemplated by this Agreement to have been consummated by such date is the result of such Buyer's breach of this Agreement and (ii) the abandonment of the sale and purchase of the Convertible Debentures shall be applicable only to such Buyer providing such written notice, provided further that no such termination shall affect any obligation of the Company under this Agreement to reimburse such Buyer for the expenses described herein. Nothing contained in this Section 8 shall be deemed to release any party from any liability for any breach by such party of the terms and provisions of this Agreement or the other Transaction Documents or to impair the right of any party to compel specific performance by any other party of its obligations under this Agreement or the other Transaction Documents.

9. MISCELLANEOUS.

(a) Governing Law; Jurisdiction; Jury Trial. All questions concerning the construction, validity, enforcement and interpretation of this Agreement shall be governed by the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdictions) that would cause the application of the laws of any jurisdictions other than the State of New York. The Company hereby irrevocably submits to the exclusive jurisdiction of the state and federal courts sitting in The City of New York, Borough of Manhattan, for the adjudication of any dispute hereunder or in connection herewith or under any of the other Transaction Documents or with any transaction contemplated hereby or thereby, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper. Each party hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof to such party at the address for such notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. Nothing contained herein shall be deemed or operate to preclude any Buyer from bringing suit or taking other legal action against the Company in any other jurisdiction to collect on the Company's obligations to such Buyer or to enforce a judgment or other court ruling in favor of such Buyer. **EACH PARTY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE TO, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR UNDER ANY OTHER TRANSACTION DOCUMENT OR IN CONNECTION WITH OR ARISING OUT OF THIS AGREEMENT, ANY OTHER TRANSACTION DOCUMENT OR ANY TRANSACTION CONTEMPLATED HEREBY OR THEREBY.**

(b) Counterparts. This Agreement may be executed in two or more identical counterparts, all of which shall be considered one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to the other party. In the event that any signature is delivered by facsimile transmission or by an e-mail which contains a portable document format (.pdf) file of an executed signature page, such signature page shall create a valid and binding obligation of the party executing (or on whose behalf such signature is executed) with the same force and effect as if such signature page were an original thereof.

(c) Headings; Gender. The headings of this Agreement are for convenience of reference and shall not form part of, or affect the interpretation of, this Agreement. Unless the context clearly indicates otherwise, each pronoun herein shall be deemed to include the masculine, feminine, neuter, singular and plural forms thereof. The terms “including,” “includes,” “include” and words of like import shall be construed broadly as if followed by the words “without limitation.” The terms “herein,” “hereunder,” “hereof” and words of like import refer to this entire Agreement instead of just the provision in which they are found.

(d) Entire Agreement, Amendments. This Agreement supersedes all other prior oral or written agreements between the Buyer, the Company, their affiliates and persons acting on their behalf with respect to the matters discussed herein, and this Agreement and the instruments referenced herein contain the entire understanding of the parties with respect to the matters covered herein and therein and, except as specifically set forth herein or therein, neither the Company nor any Buyer makes any representation, warranty, covenant or undertaking with respect to such matters. No provision of this Agreement may be waived or amended other than by an instrument in writing signed by the party to be charged with enforcement.

(e) Notices. Any notices, consents, waivers or other communications required or permitted to be given under the terms of this Agreement must be in writing by letter and email and will be deemed to have been delivered: upon the later of (A) either (i) receipt, when delivered personally or (ii) one (1) Business Day after deposit with an overnight courier service with next day delivery specified, in each case, properly addressed to the party to receive the same and (B) receipt, when sent by electronic mail. The addresses and e-mail addresses for such communications shall be:

If to the Company, to:

MOLECULAR DATA INC.
5/F, Building 12, 1001 North Qinzhou Road
Xuhui District, Shanghai 201109
Peoples Republic of China
Telephone:
Attention:
E-Mail:

With Copy to:

Maples and Calder (Hong Kong) LLP
26th Floor, Central Plaza
18 Harbour Road
Wanchai, Hong Kong
Attention:
Telephone:
Email:

If to a Buyer, to its address and e-mail address set forth on the Schedule of Buyers, with copies to such Buyer's representatives as set forth on the Schedule of Buyers,

With copy to:

David Fine, Esq.
c/o Yorkville Advisors Global, LP
1012 Springfield Avenue
Mountainside, NJ 07092
Email:

or to such other address, e-mail address and/or to the attention of such other Person as the recipient party has specified by written notice given to each other party five (5) days prior to the effectiveness of such change. Written confirmation of receipt (A) given by the recipient of such notice, consent, waiver or other communication, (B) electronically generated by the sender's e-mail service provider containing the time, date, recipient e-mail address or (C) provided by an overnight courier service shall be rebuttable evidence of personal service, receipt by facsimile or receipt from an overnight courier service in accordance with clause (i), (ii) or (iii) above, respectively

(f) Successors and Assigns. This Agreement shall be binding upon and inure to the benefit of the parties and their respective successors and assigns, including any purchasers of any of the Convertible Debentures (but excluding any purchasers of Underlying Securities, unless pursuant to a written assignment by such Buyer). The Company shall not assign this Agreement or any rights or obligations hereunder without the prior written consent of the Buyers. In connection with any transfer of any or all of its Securities, a Buyer may assign all, or a portion, of its rights and obligations hereunder in connection with such Securities without the consent of the Company, in which event such assignee shall be deemed to be a Buyer hereunder with respect to such transferred Securities.

(g) Indemnification.

(i) In consideration of each Buyer's execution and delivery of the Transaction Documents and acquiring the Securities thereunder and in addition to all of the Company's other obligations under the Transaction Documents, the Company shall defend, protect, indemnify and hold harmless each Buyer and all of their stockholders, partners, members, officers, directors, employees and any of the foregoing Persons' agents or other representatives (including, without limitation, those retained in connection with the transactions contemplated by this Agreement) (collectively, the "Indemnitees") from and against any and all actions, causes of action, suits, claims, losses, costs, penalties, fees, liabilities and damages, and expenses in connection therewith (irrespective of whether any such Indemnitee is a party to the action for which indemnification hereunder is sought), and including reasonable attorneys' fees and disbursements (the "Indemnified Liabilities"), incurred by any Indemnitee as a result of, or arising out of, or relating to (i) any misrepresentation or breach of any representation or warranty made by the Company in any of the Transaction Documents, (ii) any breach of any covenant, agreement or obligation of the Company or any Subsidiary contained in any of the Transaction Documents or (iii) any cause of action, suit, proceeding or claim brought or made against such Indemnitee by a third party (including for these purposes a derivative action brought on behalf of the Company or any Subsidiary) or which otherwise involves such Indemnitee that arises out of or results from (A) the execution, delivery, performance or enforcement of any of the Transaction Documents, (B) any transaction financed or to be financed in whole or in part, directly or indirectly, with the proceeds of the issuance of the Securities, or (C) any disclosure properly made by such Buyer pursuant to Section 4(f), or (D) the status of such Buyer or holder of the Securities either as an investor in the Company pursuant to the transactions contemplated by the Transaction Documents or as a party to this Agreement (including, without limitation, as a party in interest or otherwise in any action or proceeding for injunctive or other equitable relief). To the extent that the foregoing undertaking by the Company may be unenforceable for any reason, the Company shall make the maximum contribution to the payment and satisfaction of each of the Indemnified Liabilities which is permissible under applicable law.

(ii) Promptly after receipt by an Indemnitee under this Section 9(g) of notice of the commencement of any action or proceeding (including any governmental action or proceeding) involving an Indemnified Liability, such Indemnitee shall, if a claim in respect thereof is to be made against the Company under this Section 9(g), deliver to the Company a written notice of the commencement thereof, and the Company shall have the right to participate in, and, to the extent the Company so desires, to assume control of the defense thereof with counsel mutually reasonably satisfactory to the Company and the Indemnitee; provided, however, that an Indemnitee shall have the right to retain its own counsel with the fees and expenses of such counsel to be paid by the Company if: (A) the Company has agreed in writing to pay such fees and expenses; (B) the Company shall have failed promptly to assume the defense of such Indemnified Liability and to employ counsel reasonably satisfactory to such Indemnitee in any such Indemnified Liability; or (C) the named parties to any such Indemnified Liability (including any impleaded parties) include both such Indemnitee and the Company, and such Indemnitee shall have been advised by counsel that a conflict of interest is likely to exist if the same counsel were to represent such Indemnitee and the Company (in which case, if such Indemnitee notifies the Company in writing that it elects to employ separate counsel at the expense of the Company, then the Company shall not have the right to assume the defense thereof and such counsel shall be at the expense of the Company), provided further, that in the case of clause (C) above the Company shall not be responsible for the reasonable fees and expenses of more than one (1) separate legal counsel for the Indemnitees. The Indemnitee shall reasonably cooperate with the Company in connection with any negotiation or defense of any such action or Indemnified Liability by the Company and shall furnish to the Company all information reasonably available to the Indemnitee which relates to such action or Indemnified Liability. The Company shall keep the Indemnitee reasonably apprised at all times as to the status of the defense or any settlement negotiations with respect thereto. The Company shall not be liable for any settlement of any action, claim or proceeding effected without its prior written consent, provided, however, that the Company shall not unreasonably withhold, delay or condition its consent. The Company shall not, without the prior written consent of the Indemnitee, consent to entry of any judgment or enter into any settlement or other compromise which does not include as an unconditional term thereof the giving by the claimant or plaintiff to such Indemnitee of a release from all liability in respect to such Indemnified Liability or litigation, and such settlement shall not include any admission as to fault on the part of the Indemnitee. Following indemnification as provided for hereunder, the Company shall be subrogated to all rights of the Indemnitee with respect to all third parties, firms or corporations relating to the matter for which indemnification has been made. The failure to deliver written notice to the Company within a reasonable time of the commencement of any such action shall not relieve the Company of any liability to the Indemnitee under this Section 9(g), except to the extent that the Company is materially and adversely prejudiced in its ability to defend such action.

(iii) The indemnification required by this Section 9(g) shall be made by periodic payments of the amount thereof during the course of the investigation or defense, within ten (10) days after bills supporting the Indemnified Liabilities are received by the Company.

(iv) The indemnity agreement contained herein shall be in addition to (A) any cause of action or similar right of the Indemnitee against the Company or others, and (B) any liabilities the Company may be subject to pursuant to the law.

(h) No Strict Construction. The language used in this Agreement will be deemed to be the language chosen by the parties to express their mutual intent, and no rules of strict construction will be applied against any party.

[REMAINDER PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, each Buyer and the Company have caused their respective signature page to this Securities Purchase Agreement to be duly executed as of the date first written above.

COMPANY:

MOLECULAR DATA INC.

By: /s/ Zheng Wang

Name: Zheng Wang

Title: Director and Chief Executive Officer

IN WITNESS WHEREOF, each Buyer and the Company have caused their respective signature page to this Securities Purchase Agreement to be duly executed as of the date first written above.

BUYER:

YA II PN, LTD.

By: Yorkville Advisors Global, LP
Its: Investment Manager

By: Yorkville Advisors Global II, LLC
Its: General Partner

By: /s/ Authorized Signatory
Name: Authorized Signatory
Title: Authorized Signatory

EXHIBIT A

FORM OF CONVERTIBLE DEBENTURES

SCHEDULE OF BUYERS

REGISTRATION RIGHTS AGREEMENT

THIS REGISTRATION RIGHTS AGREEMENT (this "Agreement"), dated as of October 9, 2020, by and among **MOLECULAR DATA INC.**, a company formed and existing under the laws of the Cayman Islands (the "Company"), and **YA II PN, Ltd.**, a Cayman Islands exempt limited partnership (the "Investor").

WHEREAS:

A. In connection with the Securities Purchase Agreement by and among the parties hereto of even date herewith (the "Securities Purchase Agreement"), the Company has agreed, upon the terms and subject to the conditions of the Securities Purchase Agreement, to issue and sell to the Investor up to \$5,000,000 of convertible debentures (the "Convertible Debentures"), which shall be convertible into the Company's American Depositary Shares (the "ADSs") (as converted, the "Conversion Shares"), each representing three Class A Ordinary Shares, par value \$0.00005 per share (the "Ordinary Shares"), evidenced by American Depositary Receipts. Capitalized terms not defined herein shall have the meaning ascribed to them in the Securities Purchase Agreement.

B. To induce the Investors to execute and deliver the Securities Purchase Agreement, the Company has agreed to provide certain registration rights under the Securities Act of 1933, as amended, and the rules and regulations thereunder, or any similar successor statute (collectively, the "Securities Act"), and applicable state securities laws and other rights as provided for herein.

NOW, THEREFORE, in consideration of the premises and the mutual covenants contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Company and the Investors hereby agree as follows:

1. DEFINITIONS.

As used in this Agreement, the following terms shall have the following meanings:

(a) "Effectiveness Deadline" means, with respect to a Registration Statement filed hereunder, the 90th calendar day following the filing thereof, provided, however, in the event the Company is notified by the U.S. Securities and Exchange Commission ("SEC") that one of the Registration Statements, as defined below, will not be reviewed or is no longer subject to further review and comments, the Effectiveness Deadline as to such Registration Statement shall be the fifth calendar day following the date on which the Company is so notified if such date precedes the date required above.

(b) "Filing Deadline" means, with respect to a Registration Statement required hereunder, November 15, 2020.

(c) “Person” means a corporation, a limited liability company, an association, a partnership, an organization, a business, an individual, a governmental or political subdivision thereof or a governmental agency.

(d) “Prospectus” means the prospectus included in a Registration Statement (including, without limitation, a prospectus that includes any information previously omitted from a prospectus filed as part of an effective registration statement in reliance upon Rule 430A or Rule 430B promulgated under the Securities Act), as amended or supplemented by any prospectus supplement, with respect to the terms of the offering of any portion of the Registrable Securities covered by a Registration Statement, and all other amendments and supplements to the Prospectus, including post-effective amendments, and all material incorporated by reference or deemed to be incorporated by reference in such Prospectus.

(e) “Registrable Securities” means all of (i) the ADSs each representing three Ordinary Shares issuable upon conversion of the Convertible Debentures, (ii) ADSs representing any additional Ordinary Shares issuable in connection with any anti-dilution provisions of the Convertible Debentures (without giving effect to any limitations on exercise set forth in the Convertible Debentures), (iii) any ADSs representing Ordinary Shares issued or issuable with respect to the Conversion Shares as a result of any stock split, dividend or other distribution, recapitalization or similar event or otherwise (in each case without giving effect to any limitations on exercise set forth in the Convertible Debentures), and (iv) the Commitment Shares (as defined in the Securities Purchase Agreement).

(f) “Registration Statement” means a registration statement required to be filed hereunder, including (in each case) the Prospectus, amendments and supplements to such registration statement or Prospectus, including pre- and post-effective amendments, all exhibits thereto, and all material incorporated by reference or deemed to be incorporated by reference in such registration statement.

(g) “Required Registration Amount” means (i) with respect to the initial Registration Statement at least 10,000,000 ADSs representing 30,000,000 Ordinary Shares issued or to be issued upon conversion of the Convertible Debentures and the Commitment Shares, and (ii) with respect to subsequent Registration Statements at least such number ADSs as shall equal up to 300% of the maximum number of shares of ADSs each representing three Ordinary Shares issuable upon conversion of all Convertible Debentures then outstanding (assuming for purposes hereof that (x) such Convertible Debentures are convertible at the Conversion Price (as defined therein) in effect as of the date of determination, and (y) any such conversion shall not take into account any limitations on the conversion of the Convertible Debentures set forth in the Convertible Debentures), in each case subject to any cutback set forth in Section 2(d).

(h) “Rule 415” means Rule 415 promulgated by the SEC pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the SEC having substantially the same purpose and effect as such Rule.

(i) “Trading Day” shall have the meaning set forth in the Convertible Debentures.

2. REGISTRATION.

(a) The Company's registration obligations set forth in this Section 2 including its obligations to file one or more Registration Statements, obtain effectiveness of such Registration Statements, and maintain the continuous effectiveness of such Registration Statements that have been declared effective shall begin on the date hereof and continue until all the Registrable Securities have been sold or may permanently be sold without any restrictions pursuant to Rule 144, as determined by the counsel to the Company pursuant to a written opinion letter to such effect, addressed and acceptable to the Company's transfer agent and the affected Holders (the "Registration Period").

(b) Subject to the terms and conditions of this Agreement, the Company shall, on or prior to the Filing Deadline, prepare and file with the SEC a Registration Statement on Form F-1 or Form F-3 covering the resale by the Investor of Registrable Securities. Each Registration Statement prepared pursuant hereto shall register for resale at least the number of ADSs each representing three Ordinary Shares equal to the Required Registration Amount as of date the Registration Statement is initially filed with the SEC. Each Registration Statement shall contain the "Selling Stockholders" and "Plan of Distribution". The Company shall use its best efforts to have each Registration Statement declared effective by the SEC as soon as practicable, but in no event later than the Effectiveness Deadline. By 9:30 am (New York time) on the date following the date of effectiveness, the Company shall file with the SEC in accordance with Rule 424 under the 1933 Act the final Prospectus to be used in connection with sales pursuant to such Registration Statement. Prior to the filing of the Registration Statement with the SEC, the Company shall furnish a draft of the Registration Statement to the Investor for their review and comment in accordance with the procedures set forth in Section 3(a) hereof. The Investor shall furnish comments (if any) on the Registration Statement to the Company within twenty-four (24) hours of the receipt thereof from the Company.

(c) During the Registration Period the Company shall (i) promptly prepare and file with the SEC such amendments (including post-effective amendments) and supplements to each Registration Statement and Prospectus used in connection with a Registration Statement, which Prospectus is to be filed pursuant to Rule 424 promulgated under the Securities Act, as may be necessary to keep each such Registration Statement effective at all times during the applicable times in the Registration Period, (ii) prepare and file with the SEC additional Registration Statements in order to register for resale under the Securities Act all of the Registrable Securities (to the extent not previously covered by a Registration Statement filed and declared effective in the applicable times in the Registration Period); (iii) cause the Prospectus for each Registration Statement filed and declared effective in the applicable times in the Registration Period to be amended or supplemented by any required Prospectus supplement (subject to the terms of this Agreement), and as so supplemented or amended to be filed pursuant to Rule 424; (iv) respond as promptly as reasonably possible to any comments received from the SEC with respect to a Registration Statement or any amendment thereto and as promptly as reasonably possible provide the Investors true and complete copies of all correspondence from and to the SEC relating to a Registration Statement (provided that the Company may excise any information contained therein which would constitute material non-public information as to any Investor which has not executed a confidentiality agreement with the Company); and (v) comply with the provisions of the Securities Act with respect to the disposition of all Registrable Securities of the Company covered by each effective Registration Statement until such time as all of such Registrable Securities shall have been disposed of in accordance with the intended methods of disposition by the seller or sellers thereof as set forth in such Registration Statement. In the case of amendments and supplements to a Registration Statement which are required to be filed pursuant to this Agreement (including pursuant to this Section 2(c)) by reason of the Company's filing a report on Form 20-F, or Form 6-K or any analogous report under the Securities Exchange Act of 1934, as amended (the "Exchange Act"), the Company shall incorporate such report by reference into the Registration Statement, if applicable, or shall file such amendments or supplements with the SEC on the same day on which the Exchange Act report is filed which created the requirement for the Company to amend or supplement the Registration Statement.

(d) Reduction of Registrable Securities Included in a Registration Statement. Notwithstanding anything contained herein, in the event that the SEC requires the Company to reduce the number of Registrable Securities to be included in a Registration Statement in order to allow the Company to rely on Rule 415 with respect to a Registration Statement, then the Company shall be obligated to include in such Registration Statement (which may be a subsequent Registration Statement if the Company needs to withdraw a Registration Statement and refile a new Registration Statement in order to rely on Rule 415) only such limited portion of the Registrable Securities as the SEC shall permit. Any Registrable Securities that are excluded in accordance with the foregoing terms are hereinafter referred to as “Cut Back Securities.” To the extent Cut Back Securities exist, as soon as may be permitted by the SEC, the Company shall be required to file a Registration Statement covering the resale of the Cut Back Securities (subject also to the terms of this Section) and shall use best efforts to cause such Registration Statement to be declared effective as promptly as practicable thereafter.

3. RELATED OBLIGATIONS.

(a) The Company shall, not less than three (3) Trading Days prior to the filing of each Registration Statement and not less than one (1) Trading Day prior to the filing of any related amendments and supplements to all Registration Statements (except for annual reports on Form 20-F), furnish to each Investor copies of all such documents proposed to be filed, which documents (other than those incorporated or deemed to be incorporated by reference) will be subject to the reasonable and prompt review of such Investors. The Company shall not file a Registration Statement or any such Prospectus or any amendments or supplements thereto to which the Investors shall reasonably object in good faith; *provided* that, the Company is notified of such objection in writing no later than two (2) Trading Days after the Investors have been so furnished copies of such document.

(b) RESERVED.

(c) The Company shall use its best efforts to (i) register and qualify the Registrable Securities covered by a Registration Statement under such other securities or “blue sky” laws of such jurisdictions in the United States as any Investor reasonably requests, (ii) prepare and file in those jurisdictions, such amendments (including post-effective amendments) and supplements to such registrations and qualifications as may be necessary to maintain the effectiveness thereof during the Registration Period, (iii) take such other actions as may be necessary to maintain such registrations and qualifications in effect at all times during the Registration Period, and (iv) take all other actions reasonably necessary or advisable to qualify the Registrable Securities for sale in such jurisdictions; provided, however, that the Company shall not be required in connection therewith or as a condition thereto to (w) make any change to its articles of incorporation or by-laws, (x) qualify to do business in any jurisdiction where it would not otherwise be required to qualify but for this Section 3(c), (y) subject itself to general taxation in any such jurisdiction, or (z) file a general consent to service of process in any such jurisdiction. The Company shall promptly notify each Investor who holds Registrable Securities of the receipt by the Company of any notification with respect to the suspension of the registration or qualification of any of the Registrable Securities for sale under the securities or “blue sky” laws of any jurisdiction in the United States or its receipt of actual notice of the initiation or threat of any proceeding for such purpose.

(d) As promptly as practicable after becoming aware of such event or development, the Company shall notify each Investor in writing of the happening of any event as a result of which the Prospectus included in a Registration Statement, as then in effect, includes an untrue statement of a material fact or omission to state a material fact required to be stated therein or necessary to make the statements therein, in light of the circumstances under which they were made, not misleading (provided that in no event shall such notice contain any material, nonpublic information), and promptly prepare a supplement or amendment to such Registration Statement to correct such untrue statement or omission, and deliver ten (10) copies of such supplement or amendment to each Investor. The Company shall also promptly notify each Investor in writing (i) when a Prospectus or any Prospectus supplement or post-effective amendment has been filed, and when a Registration Statement or any post-effective amendment has become effective (notification of such effectiveness shall be delivered to each Investor by facsimile on the same day of such effectiveness), (ii) of any request by the SEC for amendments or supplements to a Registration Statement or related prospectus or related information, and (iii) of the Company's reasonable determination that a post-effective amendment to a Registration Statement would be appropriate.

(e) The Company shall use its best efforts to prevent the issuance of any stop order or other suspension of effectiveness of a Registration Statement, or the suspension of the qualification of any of the Registrable Securities for sale in any jurisdiction within the United States of America and, if such an order or suspension is issued, to obtain the withdrawal of such order or suspension at the earliest possible moment and to notify each Investor who holds Registrable Securities being sold of the issuance of such order and the resolution thereof or its receipt of actual notice of the initiation or threat of any proceeding for such purpose.

(f) If, after the execution of this Agreement, an Investor believes, after consultation with its legal counsel, that it could reasonably be deemed to be an underwriter of Registrable Securities, at the request of any Investor, the Company shall furnish to such Investor, on the date of the effectiveness of the Registration Statement and thereafter from time to time on such dates as an Investor may reasonably request (i) a letter, dated such date, from the Company's independent certified public accountants in form and substance as is customarily given by independent certified public accountants to underwriters in an underwritten public offering, and (ii) an opinion, dated as of such date, of counsel representing the Company for purposes of such Registration Statement, in form, scope and substance as is customarily given in an underwritten public offering, addressed to the Investors. Upon the request of the documents discussed above pursuant to this Section 3(f), the Investor shall provide documents to the Company typically provided by an underwriter of its securities in form, scope and substance as is customarily given in an underwritten public offering, including an opinion of counsel representing the Investor for purposes of such Registration Statement, addressed to the Company.

(g) If, after the execution of this Agreement, an Investor believes, after consultation with its legal counsel, that it could reasonably be deemed to be an underwriter of Registrable Securities, at the request of any Investor, the Company shall make available for inspection by (i) any Investor and (ii) one (1) firm of accountants or other agents retained by the Investors (collectively, the “Inspectors”) all pertinent financial and other records, and pertinent corporate documents and properties of the Company (collectively, the “Records”), as shall be reasonably deemed necessary by each Inspector, and cause the Company’s officers, directors and employees to supply all information which any Inspector may reasonably request; provided, however, that each Inspector shall agree, and each Investor hereby agrees, to hold in strict confidence and shall not make any disclosure (except to an Investor) or use any Record or other information which the Company determines in good faith to be confidential, and of which determination the Inspectors are so notified, unless (a) the disclosure of such Records is necessary to avoid or correct a misstatement or omission in any Registration Statement or is otherwise required under the Securities Act, (b) the release of such Records is ordered pursuant to a final, non-appealable subpoena or order from a court or government body of competent jurisdiction, or (c) the information in such Records has been made generally available to the public other than by disclosure in violation of this or any other agreement of which the Inspector and the Investor has knowledge. Each Investor agrees that it shall, upon learning that disclosure of such Records is sought in or by a court or governmental body of competent jurisdiction or through other means, give prompt notice to the Company and allow the Company, at its expense, to undertake appropriate action to prevent disclosure of, or to obtain a protective order for, the Records deemed confidential.

(h) The Company shall hold in confidence and not make any disclosure of information concerning the Investor provided to the Company unless (i) disclosure of such information is necessary to comply with U.S. federal or state securities laws, (ii) the disclosure of such information is necessary to avoid or correct a misstatement or omission in any Registration Statement, (iii) the release of such information is ordered pursuant to a subpoena or other final, non-appealable order from a court or governmental body of competent jurisdiction, or (iv) such information has been made generally available to the public other than by disclosure in violation of this Agreement or any other agreement. The Company agrees that it shall, upon learning that disclosure of such information concerning an Investor is sought in or by a court or governmental body of competent jurisdiction or through other means, give prompt written notice to such Investor and allow such Investor, at the Investor’s expense, to undertake appropriate action to prevent disclosure of, or to obtain a protective order for, such information.

(i) The Company shall either cause all the Registrable Securities covered by a Registration Statement (i) to be listed on each securities exchange on which securities of the same class or series issued by the Company are then listed, if any, if the listing of such Registrable Securities is then permitted under the rules of such exchange or (ii) to be included for quotation on the Nasdaq Capital Markets for such Registrable Securities.

(j) The Company shall cooperate with each Investor who holds Registrable Securities being offered and, to the extent applicable, to facilitate the timely preparation and delivery of certificates (not bearing any restrictive legend) representing the Registrable Securities to be offered pursuant to a Registration Statement and enable such certificates to be in such denominations or amounts, as the case may be, as the Investors may reasonably request and registered in such names as the Investors may request. The Company shall pay all fees and expenses in connection with satisfying its obligation under this Section 3(i).

(k) The Company shall use its best efforts to cause the Registrable Securities covered by the applicable Registration Statement to be registered with or approved by such other governmental agencies or authorities as may be necessary to consummate the disposition of such Registrable Securities.

(l) The Company shall otherwise use its best efforts to comply with all applicable rules and regulations of the SEC in connection with any registration hereunder.

(m) Within two (2) business days after a Registration Statement which covers Registrable Securities is declared effective by the SEC, the Company shall deliver to the transfer agent for such Registrable Securities (with copies to the Investor whose Registrable Securities are included in such Registration Statement) confirmation that such Registration Statement has been declared effective by the SEC in the form attached hereto as Exhibit A.

(n) The Company shall take all other reasonable actions necessary to expedite and facilitate disposition by each Investor of Registrable Securities pursuant to a Registration Statement.

4. OBLIGATIONS OF THE INVESTORS.

(a) The Investor agrees that, upon receipt of any notice from the Company of the happening of any event of the kind described in Section 3(d) such Investor will immediately discontinue disposition of Registrable Securities pursuant to any Registration Statement covering such Registrable Securities until the Investor's receipt of the copies of the supplemented or amended prospectus contemplated by Section 3(d) or receipt of notice that no supplement or amendment is required. Notwithstanding anything to the contrary, the Company shall cause its transfer agent to deliver unlegended certificates for shares to a transferee of an Investor in accordance with the terms of the Securities Purchase Agreement in connection with any sale of Registrable Securities with respect to which an Investor has entered into a contract for sale prior to the Investor's receipt of a notice from the Company of the happening of any event of the kind described in Section 3(d) and for which the Investor has not yet settled.

(b) The Investor covenants and agrees that it will comply with the prospectus delivery requirements of the Securities Act as applicable to it or an exemption therefrom in connection with sales of Registrable Securities pursuant to the Registration Statement.

5. EXPENSES OF REGISTRATION.

All expenses incurred in connection with registrations, filings or qualifications pursuant to Sections 2 and 3, including, without limitation, all registration, listing and qualifications fees, printers, legal and accounting fees, except (i) legal fees of Investor's counsel associated with the review of the Registration Statement and any comment letters issued by the SEC relating to such Registration Statement or (ii) fees incurred by any Inspectors associated with their review of Records as contemplated in Section 3(g), shall be paid by the Company.

6. INDEMNIFICATION.

With respect to Registrable Securities which are included in a Registration Statement under this Agreement:

(a) To the fullest extent permitted by law, the Company will, and hereby does, indemnify, hold harmless and defend the Investor, the directors, officers, partners, employees, and each Person, if any, who controls any Investor within the meaning of the Securities Act or the Exchange Act (each, an "Indemnified Person"), against any losses, claims, damages, liabilities, judgments, fines, penalties, charges, costs, reasonable attorneys' fees, amounts paid in settlement or expenses, joint or several (collectively, "Claims") incurred in investigating, preparing or defending any action, claim, suit, inquiry, proceeding, investigation or appeal taken from the foregoing by or before any court or governmental, administrative or other regulatory agency, body or the SEC, whether pending or threatened, whether or not an indemnified party is or may be a party thereto ("Indemnified Damages"), to which any of them may become subject insofar as such Claims (or actions or proceedings, whether commenced or threatened, in respect thereof) arise out of or are based upon: (i) any untrue statement or alleged untrue statement of a material fact in a Registration Statement or any post-effective amendment thereto or in any filing made in connection with the qualification of the offering under the securities or other "blue sky" laws of any jurisdiction in which Registrable Securities are offered ("Blue Sky Filing"), or the omission or alleged omission to state a material fact required to be stated therein or necessary to make the statements therein not misleading; (ii) any untrue statement or alleged untrue statement of a material fact contained in any final Prospectus (as amended or supplemented, if the Company files any amendment thereof or supplement thereto with the SEC) or the omission or alleged omission to state therein any material fact necessary to make the statements made therein, in light of the circumstances under which the statements therein were made, not misleading; or (iii) any violation or alleged violation by the Company of the Securities Act, the Exchange Act, any other law, including, without limitation, any state securities law, or any rule or regulation thereunder relating to the offer or sale of the Registrable Securities pursuant to a Registration Statement (the matters in the foregoing clauses (i) through (iii) being, collectively, "Violations"). The Company shall reimburse the Investors and each such controlling person promptly as such expenses are incurred and are due and payable, for any legal fees or disbursements or other reasonable expenses incurred by them in connection with investigating or defending any such Claim. Notwithstanding anything to the contrary contained herein, the indemnification agreement contained in this Section 6(a): (x) shall not apply to a Claim by an Indemnified Person arising out of or based upon a Violation which occurs in reliance upon and in conformity with information furnished in writing to the Company by such Indemnified Person expressly for use in connection with the preparation of the Registration Statement or any such amendment thereof or supplement or Prospectus related thereto; (y) shall not be available to the extent such Claim is based on a failure of the Investor to deliver or to cause to be delivered the Prospectus made available by the Company, if such Prospectus was timely made available by the Company pursuant to Section 3(b); and (z) shall not apply to amounts paid in settlement of any Claim if such settlement is effected without the prior written consent of the Company, which consent shall not be unreasonably withheld. Such indemnity shall remain in full force and effect regardless of any investigation made by or on behalf of the Indemnified Person.

(b) In connection with a Registration Statement, the Investor agrees to severally and not jointly indemnify, hold harmless and defend, to the same extent and in the same manner as is set forth in Section 6(a), the Company, each of its directors, each of its officers, employees, representatives, or agents and each Person, if any, who controls the Company within the meaning of the Securities Act or the Exchange Act (each an “Indemnified Party”), against any Claim or Indemnified Damages to which any of them may become subject, under the Securities Act, the Exchange Act or otherwise, insofar as such Claim or Indemnified Damages arise out of or are based upon any Violation, in each case to the extent, and only to the extent, that such Violation occurs in reliance upon and in conformity with written information furnished to the Company by such Investor expressly for use in connection with such Registration Statement; and, subject to Section 6(d), such Investor will reimburse any legal or other expenses reasonably incurred by them in connection with investigating or defending any such Claim; provided, however, that the indemnity agreement contained in this Section 6(b) and the agreement with respect to contribution contained in Section 7 shall not apply to amounts paid in settlement of any Claim if such settlement is effected without the prior written consent of such Investor, which consent shall not be unreasonably withheld; provided, further, however, that the Investor shall be liable under this Section 6(b) for only that amount of a Claim or Indemnified Damages as does not exceed the net proceeds to such Investor as a result of the sale of Registrable Securities pursuant to such Registration Statement. Such indemnity shall remain in full force and effect regardless of any investigation made by or on behalf of such Indemnified Party. Notwithstanding anything to the contrary contained herein, the indemnification agreement contained in this Section 6(b) with respect to any prospectus shall not inure to the benefit of any Indemnified Party if the untrue statement or omission of material fact contained in the prospectus was corrected and such new prospectus was delivered to each Investor prior to such Investor’s use of the prospectus to which the Claim relates.

(c) Promptly after receipt by an Indemnified Person or Indemnified Party under this Section 6 of notice of the commencement of any action or proceeding (including any governmental action or proceeding) involving a Claim, such Indemnified Person or Indemnified Party shall, if a Claim in respect thereof is to be made against any indemnifying party under this Section 6, deliver to the indemnifying party a written notice of the commencement thereof, and the indemnifying party shall have the right to participate in, and, to the extent the indemnifying party so desires, jointly with any other indemnifying party similarly noticed, to assume control of the defense thereof with counsel mutually satisfactory to the indemnifying party and the Indemnified Person or the Indemnified Party, as the case may be; provided, however, that an Indemnified Person or Indemnified Party shall have the right to retain its own counsel with the reasonable fees and expenses of not more than one (1) counsel for such Indemnified Person or Indemnified Party to be paid by the indemnifying party, if, in the reasonable opinion of counsel retained by the indemnifying party, the representation by such counsel of the Indemnified Person or Indemnified Party and the indemnifying party would be inappropriate due to actual or potential differing interests between such Indemnified Person or Indemnified Party and any other party represented by such counsel in such proceeding. The Indemnified Party or Indemnified Person shall cooperate fully with the indemnifying party in connection with any negotiation or defense of any such action or claim by the indemnifying party and shall furnish to the indemnifying party all information reasonably available to the Indemnified Party or Indemnified Person which relates to such action or claim. The indemnifying party shall keep the Indemnified Party or Indemnified Person fully apprised at all times as to the status of the defense or any settlement negotiations with respect thereto. No indemnifying party shall be liable for any settlement of any action, claim or proceeding effected without its prior written consent; provided, however, that the indemnifying party shall not unreasonably withhold, delay or condition its consent. No indemnifying party shall, without the prior written consent of the Indemnified Party or Indemnified Person, consent to entry of any judgment or enter into any settlement or other compromise which does not include as an unconditional term thereof the giving by the claimant or plaintiff to such Indemnified Party or Indemnified Person of a release from all liability in respect to such claim or litigation. Following indemnification as provided for hereunder, the indemnifying party shall be subrogated to all rights of the Indemnified Party or Indemnified Person with respect to all third parties, firms or corporations relating to the matter for which indemnification has been made. The failure to deliver written notice to the indemnifying party within a reasonable time of the commencement of any such action shall not relieve such indemnifying party of any liability to the Indemnified Person or Indemnified Party under this Section 6, except to the extent that the indemnifying party is prejudiced in its ability to defend such action.

(d) The indemnification required by this Section 6 shall be made by periodic payments of the amount thereof during the course of the investigation or defense, as and when bills are received or Indemnified Damages are incurred.

(e) The indemnity agreements contained herein shall be in addition to (i) any cause of action or similar right of the Indemnified Party or Indemnified Person against the indemnifying party or others, and (ii) any liabilities the indemnifying party may be subject to pursuant to the law.

7. CONTRIBUTION.

To the extent any indemnification by an indemnifying party is prohibited or limited by law, the indemnifying party agrees to make the maximum contribution with respect to any amounts for which it would otherwise be liable under Section 6 to the fullest extent permitted by law; provided, however, that: (i) no seller of Registrable Securities guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution from any seller of Registrable Securities who was not guilty of fraudulent misrepresentation; and (ii) contribution by any seller of Registrable Securities shall be limited in amount to the net amount of proceeds received by such seller from the sale of such Registrable Securities.

8. REPORTS UNDER THE EXCHANGE ACT.

With a view to making available to the Investors the benefits of Rule 144 promulgated under the Securities Act or any similar rule or regulation of the SEC that may at any time permit the Investors to sell securities of the Company to the public without registration (“Rule 144”), and as a material inducement to the Investor’s purchase of the Convertible Debentures, the Company represents, warrants, and covenants to the following:

(a) The Company is subject to the reporting requirements of section 13 or 15(d) of the Exchange Act and has filed all required reports under section 13 or 15(d) of the Exchange Act during the 12 months prior to the date hereof (or for such shorter period that the issuer was required to file such reports), other than Form 6-K reports.

(b) During the Registration Period, the Company shall file with the SEC in a timely manner all required reports under section 13 or 15(d) of the Exchange Act (it being understood that nothing herein shall limit the Company's obligations under the Securities Purchase Agreement) and such reports shall conform to the requirements of the Exchange Act and the SEC for filing thereunder.

(c) The Company shall furnish to the Investor so long as such Investor owns Registrable Securities, promptly upon request, (i) a written statement by the Company that it has complied with the reporting requirements of Rule 144, (ii) a copy of the most recent annual report of the Company and such other reports and documents so filed by the Company, and (iii) such other information as may be reasonably requested to permit the Investors to sell such securities pursuant to Rule 144 without registration.

9. AMENDMENT OF REGISTRATION RIGHTS.

Provisions of this Agreement may be amended and the observance thereof may be waived (either generally or in a particular instance and either retroactively or prospectively), only with the written consent of the Company and Investors who then hold at least two-thirds (2/3) of the Registrable Securities. Any amendment or waiver effected in accordance with this Section 9 shall be binding upon each Investor and the Company. No such amendment shall be effective to the extent that it applies to fewer than all of the holders of the Registrable Securities. No consideration shall be offered or paid to any Person to amend or consent to a waiver or modification of any provision of this Agreement unless the same consideration also is offered to all of the parties to this Agreement.

10. MISCELLANEOUS.

(a) A Person is deemed to be a holder of Registrable Securities whenever such Person owns such Registrable Securities. If the Company receives conflicting instructions, notices or elections from two (2) or more Persons with respect to the same Registrable Securities, the Company shall act upon the basis of instructions, notice or election received from the registered owner of such Registrable Securities.

(b) Piggy-Back Registrations. If at any time there is not an effective Registration Statement covering all of the Registrable Securities and the Company shall determine to prepare and file with the SEC a registration statement relating to an offering for its own account or the account of others under the Securities Act of its Ordinary Shares, other than on Form F-4 or Form S-8 (each as promulgated under the Securities Act) or their then equivalents relating to equity securities to be issued solely in connection with any acquisition of any entity or business or equity securities issuable in connection with stock option or other employee benefit plans, then the Company shall send to each Investor a written notice of such determination and, if within fifteen (15) days after the date of such notice, any such Investor shall so request in writing, the Company shall include in such registration statement all or any part of such Registrable Securities such Investor requests to be registered; provided, however, that, the Company shall not be required to register any Registrable Securities pursuant to this Section 10(b) that are eligible for resale pursuant to Rule 144 promulgated under the Securities Act or that are the subject of a then effective Registration Statement.

(c) Any notices, consents, waivers or other communications required or permitted to be given under the terms of this Agreement must be in writing and will be deemed to have been delivered: (i) upon receipt, when delivered personally; (ii) upon receipt, when sent by email (provided confirmation of transmission is electronically generated and kept on file by the sending party); or (iii) one (1) business day after deposit with a nationally recognized overnight delivery service, in each case properly addressed to the party to receive the same. The addresses and email for such communications shall be:

If to the Company, to:

MOLECULAR DATA INC.
5/F, Building 12, 1001 North Qinzhou Road
Xuhui District, Shanghai 201109
Peoples Republic of China
Telephone:
Attention:
E-Mail:

With Copy to:

Maples and Calder (Hong Kong) LLP
26th Floor, Central Plaza
18 Harbour Road
Wanchai, Hong Kong
Attention:
Telephone:
Email:

If to the Investor(s):

YA II PN, Ltd.
1012 Springfield Avenue
Mountainside, NJ 07092
Attention:

Telephone:
Email:

With a Copy (which shall not
Constitute notice or delivery of process) to:

David Fine, Esq.
1012 Springfield Avenue
Mountainside, NJ 07092
Telephone:
Email:

or to such other address and/or email and/or to the attention of such other person as the recipient party has specified by written notice given to each other party five (5) days prior to the effectiveness of such change. Written confirmation of receipt (A) given by the recipient of such notice, consent, waiver or other communication, (B) electronically generated by the sender's email service provider containing the time, date, and recipient email or (C) provided by a courier or overnight courier service shall be rebuttable evidence of personal service, receipt by e-mail or receipt from a nationally recognized overnight delivery service in accordance with clause (i), (ii) or (iii) above, respectively.

(d) Failure of any party to exercise any right or remedy under this Agreement or otherwise, or delay by a party in exercising such right or remedy, shall not operate as a waiver thereof.

(e) The laws of New York shall govern all issues concerning the relative rights of the Company and the Investors as its shareholders. All other questions concerning the construction, validity, enforcement and interpretation of this Agreement shall be governed by the internal laws of the State of New York, without giving effect to any choice of law or conflict of law provision or rule (whether of the State of New York or any other jurisdiction) that would cause the application of the laws of any jurisdiction other than the State of New York. Each party hereby irrevocably submits to the non-exclusive jurisdiction of the Supreme Court of the State of New York, sitting in New York County, New York and federal courts for the Southern District of New York sitting in New York, New York, for the adjudication of any dispute hereunder or in connection herewith or with any transaction contemplated hereby or discussed herein, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is brought in an inconvenient forum or that the venue of such suit, action or proceeding is improper. Each party hereby irrevocably waives personal service of process and consents to process being served in any such suit, action or proceeding by mailing a copy thereof to such party at the address for such notices to it under this Agreement and agrees that such service shall constitute good and sufficient service of process and notice thereof. Nothing contained herein shall be deemed to limit in any way any right to serve process in any manner permitted by law. If any provision of this Agreement shall be invalid or unenforceable in any jurisdiction, such invalidity or unenforceability shall not affect the validity or enforceability of the remainder of this Agreement in that jurisdiction or the validity or enforceability of any provision of this Agreement in any other jurisdiction. EACH PARTY HEREBY IRREVOCABLY WAIVES ANY RIGHT IT MAY HAVE, AND AGREES NOT TO REQUEST, A JURY TRIAL FOR THE ADJUDICATION OF ANY DISPUTE HEREUNDER OR IN CONNECTION HEREWITH OR ARISING OUT OF THIS AGREEMENT OR ANY TRANSACTION CONTEMPLATED HEREBY.

(f) This Agreement shall inure to the benefit of and be binding upon the permitted successors and assigns of each of the parties hereto.

(g) The headings in this Agreement are for convenience of reference only and shall not limit or otherwise affect the meaning hereof.

(h) This Agreement may be executed in identical counterparts, each of which shall be deemed an original but all of which shall constitute one and the same agreement. This Agreement, once executed by a party, may be delivered to the other party hereto as an attachment to an email of a copy of this Agreement bearing the signature of the party so delivering this Agreement.

(i) Each party shall do and perform, or cause to be done and performed, all such further acts and things, and shall execute and deliver all such other agreements, certificates, instruments and documents, as the other party may reasonably request in order to carry out the intent and accomplish the purposes of this Agreement and the consummation of the transactions contemplated hereby.

(j) The language used in this Agreement will be deemed to be the language chosen by the parties to express their mutual intent and no rules of strict construction will be applied against any party.

(k) This Agreement is intended for the benefit of the parties hereto and their respective permitted successors and assigns, and is not for the benefit of, nor may any provision hereof be enforced by, any other Person.

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IN WITNESS WHEREOF, the Investor and the Company have caused their signature page to this Registration Rights Agreement to be duly executed as of the date first above written.

**COMPANY:
MOLECULAR DATA, INC.**

By: /s/ Zheng Wang
Name: Zheng Wang
Title: Director and Chief Executive Officer

**INVESTOR:
YA II PN, LTD.**

By: Yorkville Advisors Global, LP
Its: Investment Manager

By: Yorkville Advisors Global II, LLC
Its: General Partner

By: /s/ Authorized Signatory
Name: Authorized Signatory
Title: Authorized Signatory

EXHIBIT A

FORM OF NOTICE OF EFFECTIVENESS
OF REGISTRATION STATEMENT
