

THIS INSTRUMENT HAS BEEN ISSUED PURSUANT TO SECTION 4(A)(6) OF THE SECURITIES ACT OF 1933, AS AMENDED (THE “SECURITIES ACT”), AND NEITHER IT NOR ANY SECURITIES ISSUABLE PURSUANT HERETO HAVE BEEN REGISTERED UNDER THE SECURITIES ACT OR THE SECURITIES LAWS OF ANY STATE. THESE SECURITIES MAY NOT BE OFFERED, SOLD OR OTHERWISE TRANSFERRED, PLEDGED OR HYPOTHECATED EXCEPT AS PERMITTED BY RULE 501 OF REGULATION CROWDFUNDING UNDER THE SECURITIES ACT AND APPLICABLE STATE SECURITIES LAWS OR PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT OR EXEMPTION THEREFROM.

IF THE INVESTOR LIVES OUTSIDE THE UNITED STATES, IT IS THE INVESTOR’S RESPONSIBILITY TO FULLY OBSERVE THE LAWS OF ANY RELEVANT TERRITORY OR JURISDICTION OUTSIDE THE UNITED STATES IN CONNECTION WITH ANY PURCHASE OF THE SECURITIES, INCLUDING OBTAINING REQUIRED GOVERNMENTAL OR OTHER CONSENTS OR OBSERVING ANY OTHER REQUIRED LEGAL OR OTHER FORMALITIES. THE COMPANY RESERVES THE RIGHT TO DENY THE PURCHASE OF THE SECURITIES BY ANY FOREIGN PURCHASER.

THOMAS&WYNTER R&D, L.L.C.

**Crowd SAFE
(Crowdfunding Simple Agreement for Future Equity)**

Series 2022

THIS CERTIFIES THAT in exchange for the payment by [Investor Name] (the “Investor”, and together with all other Series 2022 Crowd SAFE holders, “Investors”) of \$[Purchase Amount] (the “Purchase Amount”) on or about [Date of Crowd SAFE], Thomas&Wynter R&D, L.L.C., a Maryland limited liability company (the “Company”), hereby issues to the Investor the right to certain units of the Company’s Equity Interests (defined below), subject to the terms set forth below.

The “Valuation Cap” is \$3,000,000.

See Section 2 for certain additional defined terms.

1. Events

(a) **Equity Financing.**

(i) If an Equity Financing occurs before this instrument terminates in accordance with Sections 1(b)-(d) (“**First Equity Financing**”), the Company shall promptly notify the Investor of the closing of the First Equity Financing and of the Company’s discretionary decision to either (1) continue the term of this Crowd SAFE without converting the Purchase Amount to Equity Interests; or (2) issue to the Investor a number of units of the CF Shadow Series of the Equity Interests (whether Preferred Securities or another class issued by the Company), as applicable, sold in the First Equity Financing. The number of units of the CF Shadow Series of such Equity Interests shall equal the quotient obtained by dividing (x) the Purchase Amount by (y) the **First Equity Financing Price** (as defined below).

(ii) If the Company elects to continue the term of this Crowd SAFE past the First Equity Financing and another Equity Financing occurs before the termination of this Crowd SAFE in

accordance with Sections 1(b)-(d) (each, a “**Subsequent Equity Financing**”), the Company shall promptly notify the Investor of the closing of the Subsequent Equity Financing and of the Company’s discretionary decision to either (1) continue the term of this Crowd SAFE without converting the Investor’s Purchase Amount to Equity Interests; or (2) issue to the Investor a number of units of the CF Shadow Series of the Equity Interests (whether Preferred Securities or another class issued by the Company) sold in the Subsequent Equity Financing. The number of units of the CF Shadow Series of such Equity Interests shall equal to the quotient obtained by dividing (x) the Purchase Amount by (y) the First Equity Financing Price.

(b) **Liquidity Event.**

(i) If there is a Liquidity Event before the termination of this instrument and before any Equity Financing, the Investor must select, at its option, within thirty (30) days of receiving notice (whether actual or constructive), either (1) to receive a cash payment equal to the Purchase Amount (or a lesser amount as described below) or (2) to receive from the Company a number of units of Common Securities equal to the Purchase Amount (or a lesser amount as described below) divided by the Liquidity Price.

(ii) If there is a Liquidity Event after one or more Equity Financings have occurred but before the termination of this instrument, the Investor must select, at its option, within thirty (30) days of receiving notice (whether actual or constructive), either (1) to receive a cash payment equal to the Purchase Amount (or a lesser amount as described below) or (2) to receive from the Company a number of units of the most recent issued Equity Interests (whether Preferred Securities or another class issued by the Company) equal to the Purchase Amount divided by the First Equity Financing Price. Units of Equity Interests granted in connection therewith shall have the same liquidation rights and preferences as the units of Equity Interests issued in connection with the Company’s most recent Equity Financing.

(iii) If there are not enough funds to pay the Investor and holders of other Crowd SAFEs (collectively, the “**Cash-Out Investors**”) in full, then all of the Company’s available funds will be distributed with equal priority and pro rata among the Cash-Out Investors in proportion to their Purchase Amounts. In connection with this Section 1(b), the Purchase Amount (or a lesser amount as described below) will be due and payable by the Company to the Investor immediately prior to, or concurrent with, the consummation of the Liquidity Event.

Notwithstanding Sections 1(b)(i)(2) or 1(b)(ii)(2), if the Company’s manager(s) (or board of directors if the Company becomes a corporation) determines in good faith that delivery of Equity Interests to the Investor pursuant to Section 1(b)(i)(2) or Section 1(b)(ii)(2) would violate applicable law, rule or regulation, then the Company shall deliver to Investor in lieu thereof, a cash payment equal to the fair market value of such Equity Interests, as determined in good faith by the Company’s manager(s) (or board of directors if the Company becomes a corporation).

(c) **Dissolution Event.** If there is a Dissolution Event before this instrument terminates in accordance with Sections 1(a) or 1(b), subject to the preferences applicable to any series of Preferred Securities, the Company will distribute its entire assets legally available for distribution with equal priority among the (i) Investors (on an as converted basis based on a valuation of Common Securities as determined in good faith by the Company’s manager(s) (or board of directors if the Company becomes a corporation) at the time of Dissolution Event), (ii) all other holders of instruments sharing in the assets of the Company at the same priority as holders of Common Securities upon a Dissolution Event and (iii) and all holders of Common Securities.

(d) **Termination.** This instrument will terminate (without relieving the Company or the Investor of any obligations arising from a prior breach of or non-compliance with this instrument) upon the

earlier to occur: (i) the issuance of units, whether in Equity Interests or in the CF Shadow Series or Common Securities to the Investor pursuant to Section 1(a) or Section 1(b); or (ii) the payment, or setting aside for payment, of amounts due to the Investor pursuant to Sections 1(b) or 1(c).

2. Definitions

“**CF Shadow Series**” shall mean a non-voting series of Equity Interests that is otherwise identical in all respects to the units of Equity Interests (whether Preferred Securities or another class issued by the Company) issued in the relevant Equity Financing (e.g., if the Company sells Series A Preferred Securities in an Equity Financing, the Shadow Series would be Series A-CF Preferred Securities), except that:

- (i) CF Shadow Series members shall have no voting rights and shall not be entitled to vote on any matter that is submitted to a vote or for the consent of the members of the Company; and
- (ii) CF Shadow Series members have no information or inspection rights, except with respect to such rights deemed not waivable by laws.

“**Change of Control**” means (i) a transaction or series of related transactions in which any “person” or “group” (within the meaning of Sections 13(d) and 14(d) of the Securities Exchange Act of 1934, as amended), becomes the “beneficial owner” (as defined in Rule 13d-3 under the Securities Exchange Act of 1934, as amended (the “**Exchange Act**”)), directly or indirectly, of more than 50% of the outstanding voting securities of the Company having the right to vote for the election of members of the Company’s board of directors or manager(s), (ii) any reorganization, merger or consolidation of the Company, other than a transaction or series of related transactions in which the holders of the voting securities of the Company outstanding immediately prior to such transaction or series of related transactions retain, immediately after such transaction or series of related transactions, at least a majority of the total voting power represented by the outstanding voting securities of the Company or such other surviving or resulting entity or (iii) a sale, lease or other disposition of all or substantially all of the assets of the Company.

“**Common Securities**” means common limited liability company membership units of the Company or common stock of the Company, if the Company is restructured as a corporation, including the securities issuable upon the conversion of this instrument pursuant to Section 1(a) or 1(b). For purposes of this Crowd SAFE, “common limited liability company membership units” refers to those interests in the Company that, as of the relevant event, would be last to receive a repayment of all capital contributions made in respect of such interests.

“**Dissolution Event**” means (i) a voluntary termination of operations, (ii) a general assignment for the benefit of the Company’s creditors, (iii) the commencement of a case (whether voluntary or involuntary) seeking relief under Title 11 of the United States Code (the “**Bankruptcy Code**”), or (iv) any other liquidation, dissolution or winding up of the Company (excluding a Liquidity Event), whether voluntary or involuntary.

“**Equity Financing**” shall mean the next sale (or series of related sales) by the Company of its Equity Interests to one or more third parties following the date of this instrument from which the Company receives gross proceeds of not less than \$1,000,000 cash or cash equivalent (excluding the conversion of any instruments convertible into or exercisable or exchangeable for Equity Interests, such as SAFEs or convertible promissory notes) with the principal purpose of raising capital.

“**Equity Interests**” shall mean Common Securities, Preferred Securities, any other capital or profits interest of the Company or any securities convertible into, exchangeable for or conferring the

right to purchase (with or without additional consideration) Common Securities or Preferred Securities, except in each case, (i) any security granted, issued and/or sold by the Company to any director, officer, employee, advisor or consultant of the Company in such capacity for the primary purpose of soliciting or retaining his, her or its services, (ii) any convertible promissory notes issued by the Company, and (iii) any SAFEs issued.

“First Equity Financing Price” shall mean (x) if the pre-money valuation of the Company immediately prior to the First Equity Financing is less than or equal to the Valuation Cap, the lowest price per share of the Equity Securities sold in the First Equity Financing or (y) if the pre-money valuation of the Company immediately prior to the First Equity Financing is greater than the Valuation Cap, the SAFE Price.

“Fully Diluted Capitalization” shall mean the aggregate number, as of immediately prior to the First Equity Financing, of issued and outstanding units of Equity Interests, assuming full conversion or exercise of all convertible and exercisable securities then outstanding, including units of convertible Preferred Securities and all outstanding vested or unvested options or warrants to purchase Equity Interests, but excluding (i) the issuance of all units of Equity Interests reserved and available for future issuance under any of the Company’s existing equity incentive plans, (ii) convertible promissory notes issued by the Company, (iii) any SAFEs, and (iv) any equity securities that are issuable upon conversion of any outstanding convertible promissory notes or SAFEs.

“Intermediary” means OpenDeal Portal LLC, a registered securities crowdfunding portal CRD#283874, or a qualified successor.

“IPO” means: (A) the completion of an underwritten initial public offering of Equity Interests by the Company pursuant to: (I) a final prospectus for which a receipt is issued by a securities commission of the United States or of a province of Canada, or (II) a registration statement which has been filed with the United States Securities and Exchange Commission and is declared effective to enable the sale of Equity Interests by the Company to the public, which in each case results in such equity securities being listed and posted for trading or quoted on a recognized exchange; (B) the Company’s initial listing of its Equity Interests (other than units of Equity Interests not eligible for resale under Rule 144 under the Securities Act) on a national securities exchange by means of an effective registration statement on Form S-1 filed by the Company with the SEC that registers existing Equity Interests of the Company for resale, as approved by the Company’s board of managers (or directors, if applicable) where such listing shall not be deemed to be an underwritten offering and shall not involve any underwriting services; or (C) the completion of a reverse merger or take-over whereby an entity (I) whose securities are listed and posted for trading or quoted on a recognized exchange, or (II) is a reporting issuer in the United States or the equivalent in any foreign jurisdiction, acquires all of the issued and outstanding Equity Interests of the Company.

“Liquidity Capitalization” means the number, as of immediately prior to the Liquidity Event, of units of the Company’s Equity Interests (on an as-converted basis) outstanding, assuming exercise or conversion of all outstanding vested and unvested options, warrants and other convertible securities, but excluding: (i) units of Equity Interests reserved and available for future grant under any equity incentive or similar plan; (ii) any SAFEs; (iii) convertible promissory notes; and (iv) any Equity Interests that are issuable upon conversion of any outstanding convertible promissory notes or SAFEs.

“Liquidity Event” means a Change of Control or an IPO.

“Liquidity Price” means the price per unit equal to (x) the Valuation Cap divided by (y) the Liquidity Capitalization.

“Lock-up Period” means the period commencing on the date of the final prospectus relating to the Company’s IPO, and ending on the date specified by the Company and the managing underwriter(s). Such period shall not exceed one hundred eighty (180) days, or such other period as may be requested by the Company or an underwriter to accommodate regulatory restrictions on (i) the publication or other distribution of research reports, and (ii) analyst recommendations and opinions.

“Preferred Securities” means the preferred limited liability company membership units of the Company or preferred stock of the Company, if the Company is restructured as a corporation.

“Regulation CF” means Regulation Crowdfunding promulgated under the Securities Act.

“SAFE” means any simple agreement for future equity (or other similar agreement), including a Crowd SAFE, which is issued by the Company for bona fide financing purposes and which may convert into Equity Interests in accordance with its terms.

“SAFE Price” means the price per unit equal to (x) the Valuation Cap divided by (y) the Fully Diluted Capitalization.

3. Company Representations

(a) The Company is a limited liability company duly organized, validly existing and in good standing under the laws of the state of its organization, and has the power and authority to own, lease and operate its properties and carry on its business as now conducted.

(b) The execution, delivery and performance by the Company of this instrument is within the power of the Company and, other than with respect to the actions to be taken when equity is to be issued to the Investor, has been duly authorized by all necessary actions on the part of the Company. This instrument constitutes a legal, valid and binding obligation of the Company, enforceable against the Company in accordance with its terms, except as limited by bankruptcy, insolvency or other laws of general application relating to or affecting the enforcement of creditors’ rights generally and general principles of equity. To the knowledge of the Company, it is not in violation of (i) its current organizational documents; (ii) any material statute, rule or regulation applicable to the Company; or (iii) any material indenture or contract to which the Company is a party or by which it is bound, where, in each case, such violation or default, individually, or together with all such violations or defaults, could reasonably be expected to have a material adverse effect on the Company.

(c) The performance and consummation of the transactions contemplated by this instrument do not and will not: (i) violate any material judgment, statute, rule or regulation applicable to the Company; (ii) result in the acceleration of any material indenture or contract to which the Company is a party or by which it is bound; or (iii) result in the creation or imposition of any lien upon any property, asset or revenue of the Company or the suspension, forfeiture, or nonrenewal of any material permit, license or authorization applicable to the Company, its business or operations.

(d) No consents or approvals are required in connection with the performance of this instrument, other than: (i) approvals from the Company’s members or board of managers; (ii) any qualifications or filings under applicable securities laws; and (iii) necessary corporate approvals for the authorization of units of CF Shadow Series issuable pursuant to Section 1.

(e) If the Company, prior to the conversion of this instrument, is restructured as a corporation, then it shall reserve from its authorized but unissued shares of Equity Interests for issuance and delivery upon the conversion of this instrument, such number of shares of the Equity Interests as necessary to effect

the conversion contemplated by this instrument, and, from time to time, will take all steps necessary to amend its charter to provide sufficient authorized numbers of shares of the Equity Interests issuable upon the conversion of this instrument. All such shares shall be duly authorized, and when issued upon any such conversion, shall be validly issued, fully paid and non-assessable, free and clear of all liens, security interests, charges and other encumbrances or restrictions on sale and free and clear of all preemptive rights, except encumbrances or restrictions arising under federal or state securities laws.

(f) The Company is (i) not required to file reports pursuant to Section 13 or Section 15(d) of the Exchange Act, (ii) not an investment company as defined in Section 3 of the Investment Company Act of 1940 (the “**Investment Company Act**”), and is not excluded from the definition of investment company by Section 3(b) or Section 3(c) of the Investment Company Act, (iii) not disqualified from selling securities under Rule 503(a) of Regulation CF, (iv) not barred from selling securities under Section 4(a)(6) of the Securities Act due to a failure to make timely annual report filings, (vi) not planning to engage in a merger or acquisition with an unidentified company or companies, and (vii) organized under, and subject to, the laws of a state or territory of the United States or the District of Columbia.

(g) The Company has, or will shortly after the issuance of this instrument, engage a transfer agent registered with the U.S. Securities and Exchange Commission to act as the sole registrar and transfer agent for the Company with respect to the Crowd SAFE.

4. *Investor Representations*

(a) The Investor has full legal capacity, power and authority to execute and deliver this instrument and to perform its obligations hereunder. This instrument constitutes a valid and binding obligation of the Investor, enforceable in accordance with its terms, except as limited by bankruptcy, insolvency or other laws of general application relating to or affecting the enforcement of creditors’ rights generally and general principles of equity.

(b) The Investor has been advised that this instrument and the underlying securities have not been registered under the Securities Act or any state securities laws and are offered and sold hereby pursuant to Section 4(a)(6) of the Securities Act. The Investor understands that neither this instrument nor the underlying securities may be resold or otherwise transferred unless they are registered under the Securities Act and applicable state securities laws or pursuant to Rule 501 of Regulation CF, in which case certain state transfer restrictions may apply.

(c) The Investor is purchasing this instrument and the securities to be acquired by the Investor hereunder for its own account for investment, not as a nominee or agent, and not with a view to, or for resale in connection with, the distribution thereof, and the Investor has no present intention of selling, granting any participation in, or otherwise distributing the same. The Investor understands that the Securities have not been, and will not be, registered under the Securities Act or any state securities laws, by reason of specific exemptions under the provisions thereof which depend upon, among other things, the bona fide nature of the investment intent and the accuracy of each Investor’s representations as expressed herein.

(d) The Investor acknowledges, and is purchasing this instrument in compliance with, the investment limitations set forth in Rule 100(a)(2) of Regulation CF, promulgated under Section 4(a)(6)(B) of the Securities Act.

(e) The Investor acknowledges that the Investor has received all the information the Investor has requested from the Company and the Investor considers necessary or appropriate for deciding whether to acquire this instrument and the underlying securities, and the Investor represents that the Investor has

had an opportunity to ask questions and receive answers from the Company regarding the terms and conditions of this instrument and the underlying securities and to obtain any additional information necessary to verify the accuracy of the information given to the Investor. In deciding to purchase this instrument, the Investor is not relying on the advice or recommendations of the Company or of the Intermediary and the Investor has made its own independent decision that an investment in this instrument and the underlying securities is suitable and appropriate for the Investor. The Investor understands that no federal or state agency has passed upon the merits or risks of an investment in this instrument and the underlying securities or made any finding or determination concerning the fairness or advisability of this investment.

(f) The Investor understands and acknowledges that as a Crowd SAFE investor, the Investor shall have no voting, information or inspection rights, aside from any disclosure requirements the Company is required to make under relevant securities regulations.

(g) The Investor understands that no public market now exists for any of the securities issued by the Company, and that the Company has made no assurances that a public market will ever exist for this instrument and the securities to be acquired by the Investor hereunder.

(h) The Investor is not (i) a citizen or resident of a geographic area in which the purchase or holding of the Crowd SAFE and the underlying securities is prohibited by applicable law, decree, regulation, treaty, or administrative act, (ii) a citizen or resident of, or located in, a geographic area that is subject to U.S. or other applicable sanctions or embargoes, or (iii) an individual, or an individual employed by or associated with an entity, identified on the U.S. Department of Commerce's Denied Persons or Entity List, the U.S. Department of Treasury's Specially Designated Nationals List, the U.S. Department of State's Debarred Parties List or other applicable sanctions lists. Investor hereby represents and agrees that if Investor's country of residence or other circumstances change such that the above representations are no longer accurate, Investor will immediately notify Company. Investor further represents and warrants that it will not knowingly sell or otherwise transfer any interest in the Crowd SAFE or the underlying securities to a party subject to U.S. or other applicable sanctions.

(i) If the Investor is not a United States person (as defined by Section 7701(a)(30) of the Internal Revenue Code of 1986, as amended), the Investor hereby represents that it has satisfied itself as to the full observance of the laws of its jurisdiction in connection with any invitation, subscription and payment for, and continued ownership of, its beneficial interest in the Crowd SAFE and the underlying securities will not violate any applicable securities or other laws of the Investor's jurisdiction, including (i) the legal requirements within its jurisdiction for the subscription and the purchase of its beneficial interest in the Crowd SAFE; (ii) any foreign exchange restrictions applicable to such subscription and purchase; (iii) any governmental or other consents that may need to be obtained; and (iv) the income tax and other tax consequences, if any, that may be relevant to the purchase, holding, conversion, redemption, sale, or transfer of its beneficial interest in the Crowd SAFE and the underlying securities. The Investor acknowledges that the Company has taken no action in foreign jurisdictions with respect to the Crowd SAFE (and the Investor's beneficial interest therein) and the underlying securities.

(j) If the Investor is a corporate entity: (i) such corporate entity is duly incorporated, validly existing and in good standing under the laws of the state of its incorporation, and has the power and authority to enter into this Crowd SAFE; (ii) the execution, delivery and performance by the Investor of this Crowd SAFE is within the power of the Investor and has been duly authorized by all necessary actions on the part of the Investor; (iii) to the knowledge of the Investor, it is not in violation of its current organizational documents, any material statute, rule or regulation applicable to the Investor; and (iv) the performance of this Crowd SAFE does not and will not violate any material judgment, statute, rule or regulation applicable to the Investor; result in the acceleration of any material indenture or contract to which the Investor is a

party or by which it is bound, or otherwise result in the creation or imposition of any lien upon the Purchase Amount.

(k) The Investor further acknowledges that it has read, understood, and had ample opportunity to ask Company questions about its business plans, “Risk Factors,” and all other information presented in the Company’s Form C and the offering documentation filed with the SEC.

(l) The Investor represents that the Investor understands the substantial likelihood that the Investor will suffer a **TOTAL LOSS** of all capital invested, and that Investor is prepared to bear the risk of such total loss.

5. Transfer Restrictions.

(a) The Investor hereby agrees that during the Lock-up Period it will not, without the prior written consent of the managing underwriter: (A) lend; offer; pledge; sell; contract to sell; sell any option or contract to purchase; purchase any option or contract to sell; grant any option, right, or warrant to purchase; or otherwise transfer or dispose of, directly or indirectly, any units of Equity Interests or any securities convertible into or exercisable or exchangeable (directly or indirectly) for Equity Interests (whether such units or any such securities are then owned by the Investor or are thereafter acquired); or (B) enter into any swap or other arrangement that transfers to another, in whole or in part, any of the economic consequences of ownership of such securities; whether any such transaction described in clause (A) or (B) above is to be settled by delivery of Equity Interests or other securities, in cash, or otherwise.

(b) The foregoing provisions of Section 5(a) will: (x) apply only to the IPO and will not apply to the sale of any of the Company’s securities issued to an underwriter pursuant to an underwriting agreement; (y) not apply to the transfer of any Company’s securities to any trust for the direct or indirect benefit of the Investor or the immediate family of the Investor, provided that the trustee of the trust agrees to be bound in writing by the restrictions set forth herein, and provided further that any such transfer will not involve a disposition for value; and (z) be applicable to the Investor only if all managers, officers and directors of the Company are subject to the same restrictions and the Company uses commercially reasonable efforts to obtain a similar agreement from all members individually owning more than 5% of the outstanding Common Securities or any securities convertible into or exercisable or exchangeable (directly or indirectly) for Common Securities. Notwithstanding anything herein to the contrary, the underwriters in connection with the IPO are intended third-party beneficiaries of Section 5(a) and will have the right, power and authority to enforce the provisions hereof as though they were a party hereto. The Investor further agrees to execute such agreements as may be reasonably requested by the underwriters in connection with the IPO that are consistent with Section 5(a) or that are necessary to give further effect thereto.

(c) In order to enforce the foregoing covenant, the Company may impose stop transfer instructions with respect to the Investor’s registrable securities of the Company (and the Company securities or securities of every other person subject to the foregoing restriction) until the end of the Lock-up Period. The Investor agrees that a legend reading substantially as follows will be placed on all certificates representing all of the Investor’s registrable securities of the Company (and the securities of the Company held by every other person subject to the restriction contained in Section 5(a)):

THE SECURITIES REPRESENTED BY THIS CERTIFICATE ARE SUBJECT TO A LOCK-UP PERIOD BEGINNING ON THE EFFECTIVE DATE OF THE COMPANY’S REGISTRATION STATEMENT FILED UNDER THE SECURITIES ACT OF 1933, AS AMENDED, AS SET FORTH IN AN AGREEMENT BETWEEN THE COMPANY

AND THE ORIGINAL HOLDER OF THESE SECURITIES, A COPY OF WHICH MAY BE OBTAINED AT THE COMPANY'S PRINCIPAL OFFICE. SUCH LOCK-UP PERIOD IS BINDING ON TRANSFEREES OF THESE SECURITIES.

(d) Without in any way limiting the representations and warranties set forth in Section 4 above, the Investor further agrees not to make any disposition of all or any portion of this instrument or the underlying securities unless and until the transferee has agreed in writing for the benefit of the Company to make the representations and warranties set out in Section 4 and the undertaking set out in Section 5(a) and:

(i) There is then in effect a registration statement under the Securities Act covering such proposed disposition and such disposition is made in accordance with such registration statement; or

(ii) The Investor shall have notified the Company of the proposed disposition and shall have furnished the Company with a detailed statement of the circumstances surrounding the proposed disposition and, if reasonably requested by the Company, the Investor shall have furnished the Company with an opinion of counsel reasonably satisfactory to the Company that such disposition will not require registration of such securities under the Securities Act.

(e) The Investor agrees that it shall not make any disposition of this instrument or any underlying securities to any of the Company's competitors, as determined by the Company in good faith.

(f) The Investor understands and agrees that the Company will place the legend set forth below or a similar legend on any book entry or other forms of notation evidencing this Crowd SAFE and any certificates evidencing the underlying securities, together with any other legends that may be required by state or federal securities laws, the Company's organizational documents, any other agreement between the Investor and the Company or any agreement between the Investor and any third party:

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6. *Miscellaneous*

(a) The Investor agrees to execute the Nominee Rider and Waiver, attached hereto as Exhibit A contemporaneously and in connection with the purchase of this Crowd SAFE.

(b) The Investor agrees to take any and all actions determined in good faith by the Company's board of managers or equivalent governance body to be advisable to reorganize this instrument and any Equity Interests issued pursuant to the terms of this instrument into a special purpose vehicle or other entity designed to aggregate the interests of holders of Crowd SAFEs.

(c) Any provision of this instrument may be amended, waived or modified only upon the written consent of either (i) the Company and the Investor, or (ii) the Company and the majority of the Investors (calculated based on the Purchase Amount of each Investors Crowd SAFE).

(d) Any notice required or permitted by this instrument will be deemed sufficient when delivered personally or by overnight courier or sent by email to the relevant address listed on the signature page, or 48 hours after being deposited in the U.S. mail as certified or registered mail with postage prepaid, addressed to the party to be notified at such party's address listed on the signature page, as subsequently modified by written notice.

(e) The Investor is not entitled, as a holder of this instrument, to vote or receive dividends or be deemed the holder of Equity Interests for any purpose, nor will anything contained herein be construed to confer on the Investor, as such, any of the rights of a member of the Company or any right to vote for the election of directors/manager(s) or upon any matter submitted to member at any meeting thereof, or to give or withhold consent to any corporate action or to receive notice of meetings, or to receive subscription rights or otherwise until units have been issued upon the terms described herein.

(f) Neither this instrument nor the rights contained herein may be assigned, by operation of law or otherwise, by either party without the prior written consent of the other; *provided, however*, that this instrument and/or the rights contained herein may be assigned without the Company's consent by the Investor to any other entity who directly or indirectly, controls, is controlled by or is under common control with the Investor, including, without limitation, any general partner, managing member, officer or director of the Investor, or any venture capital fund now or hereafter existing which is controlled by one or more general partners or managing members of, or units the same management company with, the Investor; and *provided, further*, that the Company may assign this instrument in whole, without the consent of the Investor, in connection with a reincorporation to change the Company's domicile or organizational form.

(g) In the event any one or more of the terms or provisions of this instrument is for any reason held to be invalid, illegal or unenforceable, in whole or in part or in any respect, or in the event that any one or more of the terms or provisions of this instrument operate or would prospectively operate to invalidate this instrument, then such term(s) or provision(s) only will be deemed null and void and will not affect any other term or provision of this instrument and the remaining terms and provisions of this instrument will remain operative and in full force and effect and will not be affected, prejudiced, or disturbed thereby.

(h) All securities issued under this instrument may be issued in whole or fractional parts, in the Company's sole discretion.

(i) All rights and obligations hereunder will be governed by the laws of the State of Maryland, without regard to the conflicts of law provisions of such jurisdiction.

(j) Any dispute, controversy or claim arising out of, relating to or in connection with this instrument, including the breach or validity thereof, shall be determined by final and binding arbitration administered by the American Arbitration Association (the "AAA") under its Commercial Arbitration Rules and Mediation Procedures ("**Commercial Rules**"). The award rendered by the arbitrator shall be final, non-appealable and binding on the parties and may be entered and enforced in any court having jurisdiction. There shall be one arbitrator agreed to by the parties within twenty (20) days of receipt by respondent of the request for arbitration or, in default thereof, appointed by the AAA in accordance with its Commercial Rules. The place of arbitration shall be Baltimore, MD. Except as may be required by law or to protect a legal right, neither a party nor the arbitrator may disclose the existence, content or results of any arbitration without the prior written consent of the other parties.

(k) The parties acknowledge and agree that for United States federal and state income tax purposes this Crowd SAFE is, and at all times has been, intended to be characterized as units, and more particularly as equity interests for purposes of Sections 304, 305, 306, 354, 368, 1036 and 1202 of the Internal Revenue Code of 1986, as amended. Accordingly, the parties agree to treat this Crowd SAFE consistent with the foregoing intent for all United States federal and state income tax purposes (including, without limitation, on their respective tax returns or other informational statements).

(l) The Investor agrees any action contemplated by this Crowd SAFE and requested by the Company must be completed by the Investor within thirty (30) calendar days of receipt of the relevant notice (whether actual or constructive) to the Investor.

(Signature page follows)

IN WITNESS WHEREOF, the undersigned have caused this instrument to be duly executed and delivered.

THOMAS&WYNTER R&D, L.L.C.

By:

Name: Sherika Wynter

Title: Chief Executive Officer

Address: 5016 69th Avenue, Riverdale Park, MD 20737, United States

Email: sherika@thomasandwynter.com

INVESTOR:

By:

Name:

Exhibit A – Nominee Rider and Waiver

Nominee Rider and Waiver

Republic Investment Services LLC (f/k/a NextSeed Services, LLC) (the “**Nominee**”) is hereby appointed to act on behalf of the Investor as agent and proxy in all respects under the Crowd SAFE Series 2022 issued by Thomas&Wynter R&D, L.L.C. (the “**Security**”), to receive all notices and communications on behalf of the Investor, cause the Security or any securities which may be acquired upon conversion thereof (the “**Conversion Securities**”) to be custodied with a qualified custodian, and, to the extent the Securities or Conversion Securities are entitled to vote at any meeting or take action by consent, Nominee is authorized and empowered to vote and act on behalf of Investor in all respects thereto until the expiry of the Term (as defined below) (collectively the “**Nominee Services**”). Defined terms used in this Nominee Rider are controlled by the Security unless otherwise defined.

Nominee shall vote all such Securities and Conversion Securities consistently at the direction of the Chief Executive Officer of Thomas&Wynter R&D, L.L.C. Neither Nominee nor any of its affiliates nor any of their respective officers, partners, equity holders, managers, officers, directors, employees, agents or representatives shall be liable to Investor for any action taken or omitted to be taken by it hereunder, or in connection herewith or therewith, except for damages caused by its or their own recklessness or willful misconduct.

Upon any conversion of the Securities into Conversion Securities of the Company, in accordance with the terms of the Securities, Nominee will execute and deliver to the Issuer all transaction documents related to such transaction or other corporate event causing the conversion of the Securities in accordance therewith; *provided*, that such transaction documents are the same documents to be entered into by all holders of other Securities of the same class issued by the Company that will convert in connection with the equity financing or corporate event and being the same as the purchasers in the equity financing or corporate transaction. The Investor acknowledges and agrees, as part of the process, the Nominee may open an account in the name of the Investor with a qualified custodian and allow the qualified custodian to take custody of the Conversion Securities in exchange for a corresponding beneficial interest held by the Investor. Upon any such conversion or changing of title, Nominee will take reasonable steps to send notice to the Investor, using the last known contact information of such Investor.

The “**Term**” the Nominee Services will be provided will be the earlier of the time which the Securities or any Conversion Securities are (i) terminated, (ii) registered under the Exchange Act, or (iii) the time which the Nominee, the Investor and the Company mutually agree to terminate the Nominee Services.

To the extent you provide the Issuer with any personally identifiable information in connection with your election to invest in the Securities, the Issuer and its affiliates may share such information with the Nominee, the Intermediary, and the appointed transfer agent for the Securities solely for the purposes of facilitating the offering of the Securities and for each party to provide services with respect to the ownership and administration of the Securities. Investor irrevocably consents to such uses of Investor’s personally identifiable information for these purposes during the Term and Investor acknowledges that the use of such personally identifiable information is necessary for the Nominee to provide the Nominee Services.

(Remainder of Page Intentionally Blank – Signature Page to Follow)

IN WITNESS WHEREOF, the undersigned have caused this instrument to be duly executed and delivered.

INVESTOR:

By:
Name:
Date:

NOMINEE:

Republic Investment Services LLC

By:
Name: Youngro Lee, President
Date:

COMPANY:

Thomas&Wynter R&D, L.L.C.

By:
Name:
Date: