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

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**FORM 8-K**

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

**Date of Report (Date of earliest event reported): July 26, 2022**

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**ALLOVIR, INC.**  
(Exact name of registrant as specified in its charter)

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**Delaware**  
(State or other jurisdiction  
of incorporation)

**001-39409**  
(Commission  
File Number)

**83-1971007**  
(I.R.S. Employer  
Identification No.)

**AlloVir, Inc.**  
**1100 Winter Street**  
**Waltham, Massachusetts 02451**  
(Address of principal executive offices, including zip code)

**(617) 433-2605**  
(Registrant's telephone number, including area code)

**Not Applicable**  
(Former name or former address, if changed since last report)

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

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

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

Title of each class	Trade Symbol(s)	Name of each exchange on which registered
Common Stock, \$0.0001 par value per share	ALVR	Nasdaq Global Select Market

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

Emerging growth company

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

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## Item 1.01 Entry into a Material Definitive Agreement.

### Securities Purchase Agreement

On July 26, 2022, AlloVir, Inc. (the “Company”) entered into a securities purchase agreement (the “Purchase Agreement”) with the investors identified therein. Pursuant to the Purchase Agreement, the Company agreed to sell and issue to the investors in a registered direct offering an aggregate of 27,458,095 shares of the Company’s common stock, par value \$0.0001 per share (the “Shares”), at a purchase price of \$4.61 per Share (the “Offering”) for gross proceeds of approximately \$126.6 million. The Company intends to use the net proceeds from the Offering, together with existing cash, cash equivalents and investments to complete enrollment and achieve data readouts in all three of the Company’s ongoing Phase 3 trials of its lead multi-virus specific T cell therapy candidate, posoleucel, for the continued advancement of manufacturing processes to support regulatory submissions, for other research and development activities for its product candidates, and for general corporate purposes. The Offering is anticipated to close on or about July 28, 2022, subject to satisfaction of customary closing conditions.

The representations, warranties and covenants contained in the Purchase Agreement were made only for the purpose of such agreement and as of specific dates, were solely for the benefit of the parties to the Purchase Agreement and may be subject to limitations agreed upon by the contracting parties. The foregoing summary of the Purchase Agreement is qualified in its entirety by the full text of the Purchase Agreement, which is filed herewith as Exhibit 10.1 and incorporated herein by reference.

The shares of Common Stock were offered by the Company pursuant to an effective shelf registration statement on Form S-3 (File No. 333-258539), as amended, which was declared effective by the Securities and Exchange Commission on February 28, 2022.

A copy of the legal opinion of Goodwin Procter LLP relating to the validity of the Shares issued in the Offering is filed as Exhibit 5.1 to this Current Report on Form 8-K and incorporated herein by reference.

### Forward-Looking Statements

*This Item 1.01 contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, as amended, including, without limitation, statements regarding AlloVir’s anticipated use of net proceeds from the offering and cash availability following the offering, statements regarding the completion and timing of the offering, development and regulatory status of AlloVir’s product candidates, the planned conduct of its preclinical studies, and clinical trials and its prospects for success in those studies and trials, and its strategy, business plans and focus. The words “may,” “will,” “could,” “would,” “should,” “expect,” “plan,” “anticipate,” “intend,” “believe,” “estimate,” “predict,” “project,” “potential,” “continue,” “target” and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Any forward-looking statements in this Item 1.01 are based on management’s current expectations and beliefs and are subject to a number of risks, uncertainties, and important factors that may cause actual events or results to differ materially from those expressed or implied by any forward-looking statements contained in this Item 1.01, including, without limitation, those related to AlloVir’s financial results, the timing and successful completion of the registered offering of AlloVir’s common stock, the timing for the initiation and successful completion of AlloVir’s clinical trials of its product candidates, whether and when, if at all, AlloVir’s product candidates will receive approval from the U.S. Food and Drug Administration, or FDA, or other foreign regulatory authorities, competition from other biopharmaceutical companies, the impact of the COVID-19 pandemic on AlloVir’s product development plans, supply chain, and business operations and other risks identified in AlloVir’s SEC filings, including but not limited to the risks discussed in AlloVir’s Annual Report on Form 10-K for the year ended December 31, 2021 and in our other filings with the SEC. AlloVir cautions you not to place undue reliance on any forward-looking statements, which speak only as of the date they are made. AlloVir disclaims any obligation to publicly update or revise any such statements to reflect any change in expectations or in events, conditions, or circumstances on which any such statements may be based, or that may affect the likelihood that actual results will differ from those set forth in the forward-looking statements. Any forward-looking statements contained in this Item 1.01 represent AlloVir’s views only as of the date hereof and should not be relied upon as representing its views as of any subsequent date.*

## Item 7.01 Regulation FD Disclosure

On July 27, 2022, the Company issued a press release announcing the Offering. A copy of the press release is attached as Exhibit 99.1 hereto.

The information in Item 7.01 of this Current Report on Form 8-K and Exhibit 99.1 attached hereto is intended to be furnished and shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”) or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as expressly set forth by specific reference in such filing.

## Exhibit 9.01 Financial Statements and Exhibits.

(d) Exhibits.

Exhibit No.	Description
5.1	<a href="#">Opinion of Goodwin Procter LLP</a>
10.1	<a href="#">Securities Purchase Agreement, dated as of July 26, 2022, by and between AlloVir, Inc. and the investors identified therein.</a>
23.1	<a href="#">Consent of Goodwin Procter LLP (contained in Exhibit 5.1)</a>
99.1	<a href="#">Press Release dated July 27, 2022</a>
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

**SIGNATURES**

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

Date: July 27, 2022

**AlloVir, Inc.**

By: /s/ William Wheeler

Name: William Wheeler

Title: *Vice President, Corporate Law*

July 27, 2022

AlloVir, Inc.  
1100 Winter Street  
Waltham, MA 02451

Re: Securities Registered under Registration Statement on Form S-3

We have acted as counsel to you in connection with your filing of a Registration Statement on Form S-3 (File No. 333-258539) (as amended or supplemented, the "Registration Statement") filed on August 6, 2021 with the Securities and Exchange Commission (the "Commission") pursuant to the Securities Act of 1933, as amended (the "Securities Act"), which became automatically effective upon filing, as amended by the Post-Effective Amendment No. 2, filed with the Commission on February 10, 2022 and declared effective on February 28, 2022, relating to the registration of the offer by AlloVir, Inc., a Delaware corporation (the "Company") of up to \$250,000,000 of any combination of securities of the types specified therein. Reference is made to our opinion letter dated February 10, 2022 and included as Exhibit 5.1 to the Registration Statement. We are delivering this supplemental opinion letter in connection with the prospectus supplement (the "Prospectus Supplement") expected to be filed on July 27, 2022 by the Company with the Commission pursuant to Rule 424 under the Securities Act. The Prospectus Supplement relates to the offering by the Company of up to 27,458,095 shares of the Company's Common Stock, par value \$0.0001 per share (the "Shares") covered by the Registration Statement. The Shares are being sold to the several purchasers named in, and pursuant to, a securities purchase agreement between the Company and such purchasers (the "Securities Purchase Agreement").

We have reviewed such documents and made such examination of law as we have deemed appropriate to give the opinion set forth below. We have relied, without independent verification, on certificates of public officials and, as to matters of fact material to the opinion set forth below, on certificates of officers of the Company.

The opinion set forth below is limited to the Delaware General Corporation Law.

Based on the foregoing, we are of the opinion that the Shares have been duly authorized and, upon issuance and delivery against payment therefor in accordance with the terms of the Securities Purchase Agreement, the Shares will be validly issued, fully paid and non-assessable.

We hereby consent to the inclusion of this opinion as Exhibit 5.1 to the Registration Statement and to the references to our firm under the caption "Legal Matters" in the Registration Statement. In giving our consent, we do not admit that we are in the category of persons whose consent is required under Section 7 of the Securities Act or the rules and regulations thereunder.

Very truly yours,

/s/ Goodwin Procter LLP  
GOODWIN PROCTER LLP

## SECURITIES PURCHASE AGREEMENT

This Securities Purchase Agreement (this "Agreement") is dated as of July 26, 2022, between AlloVir, Inc., a corporation organized under the laws of the State of Delaware (the "Company"), and each purchaser identified on the signature pages hereto (each, including its successors and permitted assigns a "Purchaser" and collectively the "Purchasers").

WHEREAS, subject to the terms and conditions set forth in this Agreement and pursuant to an effective registration statement under the Securities Act of 1933, as amended (the "Securities Act"), the Company desires to issue and sell to the Purchasers, and the Purchasers desire to purchase from the Company, shares of the Company's common stock as more fully described in this Agreement.

NOW, THEREFORE, IN CONSIDERATION of the mutual covenants contained in this Agreement, and for other good and valuable consideration the receipt and adequacy of which are hereby acknowledged, the Company and each Purchaser agree as follows:

**ARTICLE I.**  
DEFINITIONS

1.1 Definitions. In addition to the terms defined elsewhere in this Agreement, for all purposes of this Agreement, the following terms have the meanings set forth in this Section 1.1:

"ACA" shall have the meaning ascribed to such term in Section 3.1(jj).

"Action" shall have the meaning ascribed to such term in Section 3.1(l).

"Affiliate" means any Person that, directly or indirectly through one or more intermediaries, controls or is controlled by or is under common control with a Person as such terms are used in and construed under Rule 405 under the Securities Act.

"Anti-Money Laundering Laws" shall have the meaning ascribed to such term in Section 3.1(s).

"Authorizations" shall have the meaning ascribed to such term in Section 3.1(hh).

"Base Prospectus" means the final base prospectus included in the Registration Statement at the time of effectiveness.

"Board of Directors" means the board of directors of the Company.

"Breach" shall have the meaning ascribed to such term in Section 3.1(y).

"Business Day" means any day except any Saturday, any Sunday, any day which is a federal legal holiday in the United States or any day on which the Trading Market and banking institutions in the State of New York are authorized or required by law or other governmental action to close.

“Closing” means the closing of the purchase and sale of Purchased Shares pursuant to Section 2.1.

“Closing Date” means the Trading Day on which all conditions precedent to (i) the Purchaser’s obligations to pay the Subscription Amount and (ii) the Company’s obligations to deliver the Purchased Shares, in each case, have been satisfied or waived, but in no event later than the second (2<sup>nd</sup>) Trading Day following the date hereof.

“Code” shall have the meaning ascribed to such term in Section 3.1(aa).

“Commission” means the United States Securities and Exchange Commission.

“Common Shares” means the shares of the Company’s common stock, par value \$0.0001 per share, and any other class of securities into which such securities may hereafter be reclassified or changed.

“Data” shall have the meaning ascribed to such term in Section 3.1(x).

“Data Security Obligations” shall have the meaning ascribed to such term in Section 3.1(x).

“Disclosure Time” means, (i) if this Agreement is signed on a day that is not a Trading Day or after 9:00 a.m. (New York City time) and before midnight (New York City time) on any Trading Day, 9:01 a.m. (New York City time) on the Trading Day immediately following the date hereof, and (ii) if this Agreement is signed between midnight (New York City time) and 9:00 a.m. (New York City time) on any Trading Day, no later than 9:01 a.m. (New York City time) on the date hereof.

“Environmental Laws” shall have the meaning ascribed to such term in Section 3.1(p).

“ERISA” shall have the meaning ascribed to such term in Section 3.1(aa).

“Exchange Act” means the Securities Exchange Act of 1934, as amended, and the rules and regulations promulgated thereunder.

“FDA” means the U.S. Food and Drug Administration.

“FINRA” shall have the meaning ascribed to such term in Section 3.1(e).

“GAAP” means U.S. generally accepted accounting principles applied on a consistent basis during the periods involved.

“Government Official” shall have the meaning ascribed to such term in Section 3.1(r).

“Health Care Laws” shall have the meaning ascribed to such term in Section 3.1(jj).

“HIPAA” shall have the meaning ascribed to such term in Section 3.1(jj).

“Intellectual Property Rights” shall have the meaning ascribed to such term in Section 3.1(v).

“Investors’ Rights Agreement” shall mean the Amended and Restated Investors’ Rights Agreement, by and among the Company (f/k/a ViraCyte, Inc.) and the parties thereto, dated as of May 8, 2019, as amended from time to time.

“Material Adverse Effect” shall have the meaning assigned to such term in Section 3.1(b).

“Open Source Software” shall have the meaning ascribed to such term in Section 3.1(w).

“Per Share Purchase Price” equals \$4.61, subject to adjustment for reverse and forward stock splits, stock dividends, stock combinations and other similar transactions of the Common Shares that occur after the date of this Agreement and prior to Closing.

“Person” means an individual or corporation, partnership, trust, incorporated or unincorporated association, joint venture, limited liability company, joint stock company, government (or an agency or subdivision thereof) or other entity of any kind.

“Preferred Shares” means the shares in the Company’s preferred stock, par value \$0.0001 per share, issuable in series.

“Proceeding” means an Action, claim, suit, investigation or proceeding (including, without limitation, an informal investigation or partial proceeding, such as a deposition), whether commenced or threatened.

“Programs” shall have the meaning ascribed to such term in Section 3.1(jj).

“Prospectus Supplement” means the supplement to the Base Prospectus complying with Rule 424(b) of the Securities Act that is filed with the Commission and delivered by the Company to the Purchasers on or prior to Closing, relating to the offer and sale of the Purchased Shares to the Purchasers.

“Purchased Shares” means the Common Shares issuable to the Purchasers pursuant to this Agreement.

“Purchaser Party” shall have the meaning ascribed to such term in Section 4.4.

“Registrable Securities” shall have the meaning ascribed to such term in the Investors Rights Agreement.

“Registration Statement” means the effective registration statement on Form S-3, as amended, filed with the Commission (File No. 333-258539) pursuant to the Securities Act on August 6, 2021, which became automatically effective upon filing, as amended by the Post-Effective Amendments No. 1 and No. 2 filed with the Commission on February 10, 2022 and the Post-Effective Amendment No. 3 filed with the Commission on February 18, 2022 and declared effective on February 28, 2022, relating to the offer and sale from time to time of the Company’s securities, including the Purchased Shares, including amendments, exhibits, schedules and documents incorporated or deemed to be incorporated by reference therein and the documents otherwise deemed to a part thereof pursuant to Rule 430A or 430B under the Securities Act.

“Required Approvals” shall have the meaning ascribed to such term in Section 3.1(e).

“Rule 424” means Rule 424 promulgated by the Commission pursuant to the Securities Act, as such Rule may be amended or interpreted from time to time, or any similar rule or regulation hereafter adopted by the Commission having substantially the same purpose and effect as such Rule.

“Sanctions” shall have the meaning ascribed to such term in Section 3.1(t).

“Sarbanes-Oxley Act” shall have the meaning ascribed to such term in Section 3.1(gg).

“SEC Reports” shall have the meaning ascribed to such term in Section 3.1(i).

“Securities Act” means the Securities Act of 1933, as amended, and the rules and regulations promulgated thereunder.

“Short Sales” means all “short sales” as defined in Rule 200 of Regulation SHO under the Exchange Act (but shall not be deemed to include locating and/or borrowing Common Shares).

“Studies” shall have the meaning ascribed to such term in Section 3.1(ii).

“Subscription Amount” means, as to each Purchaser, the aggregate amount to be paid for Common Shares purchased hereunder as specified on Exhibit 1 attached hereto and next to the heading “Subscription Amount,” in United States Dollars and in immediately available funds.

“Subsidiary” means any subsidiary of the Company.

“Trading Day” means a day on which the principal Trading Market is open for trading.

“Trading Market” means The Nasdaq Global Select Market (or any successors thereto).

“Transfer Agent” means Computershare Trust Company, N.A., and any successor transfer agent of the Company.

“USPTO” means the United States Patent and Trademark Office.

**ARTICLE II.**  
**PURCHASE AND SALE**

2.1 Closing. On the Closing Date, upon the terms and subject to the conditions set forth herein, the Company agrees to sell, and the Purchasers, severally and not jointly, agree to purchase, an aggregate of 27,458,095 Purchased Shares at the Per Share Purchase Price and allocated in the amounts set forth on Exhibit 1. Each Purchaser's Subscription Amount as set forth on Exhibit 1 shall be made available for "Delivery Versus Payment" settlement with the Company or its designee. The Company and each Purchaser shall deliver the items set forth in Section 2.2 deliverable at the Closing. Upon satisfaction of the covenants and conditions set forth in Section 2.2 and Section 2.3, the Closing shall occur remotely or at such physical location as the parties shall mutually agree. Payment of the Subscription Amount for the Purchased Shares shall be made by each Purchaser to the Company by wire transfer of immediately available funds to a bank account designated by the Company against delivery to such Purchaser of the Purchased Shares registered in such Purchaser's name and address or as otherwise directed to be registered by such Purchaser, including but not limited to delivery through the facilities of The Depository Trust Company Deposit or Withdrawal at Custodian system.

2.2 Deliveries.

(a) On or prior to the Closing Date, the Company shall deliver or cause to be delivered to each Purchaser the following:

(i) this Agreement duly executed by the Company;

(ii) the Prospectus Supplement;

(iii) a copy of the executed treasury direction to the Transfer Agent instructing the Transfer Agent to deliver the Purchased Shares, registered in the name of each Purchaser or such other registration information as directed by such Purchaser;

(iv) a certificate, dated the Closing Date, signed by an executive officer of the Company (in his or her capacity as an officer and without personal liability), certifying the matters in Sections 2.3(b)(i) and (ii) below;

(v) a certificate of the secretary of the Company dated as of the Closing Date certifying that (1) attached thereto is a true and complete copy of each of the Company's constating documents and all resolutions adopted by the Board of Directors of the Company authorizing the execution, delivery and performance of this Agreement and that all such documents and resolutions are in full force and effect and (2) the incumbency of each officer signing this Agreement and the certificates and the documents to be delivered hereunder;

(vi) the Company's wire instructions, on Company letterhead and signed by the Chief Executive Officer or Chief Financial Officer of the Company;

(vii) a certificate of good standing of the Company, dated within one (1) Business Day of the Closing Date;

(viii) a customary opinion of the Company's outside legal counsel, dated the Closing Date, relating to the Purchased Shares, in form and substance reasonably satisfactory to the Purchasers; and

(ix) the Purchased Shares (subject to receipt of the Subscription Amount).

(b) On or prior to the Closing Date, each Purchaser shall deliver or cause to be delivered to the Company, the following:

(i) this Agreement duly executed by such Purchaser; and

(ii) the Subscription Amount, with respect to the Purchased Shares purchased by such Purchaser, which shall be made available for "Delivery Versus Payment" settlement with the Company or its designee.

### 2.3 Closing Conditions.

(a) The obligations of the Company hereunder in connection with the Closing are subject to the following conditions being met:

(i) the accuracy in all material respects (or, to the extent representations or warranties are qualified by materiality or Material Adverse Effect, in all respects) on the Closing Date of the representations and warranties of the Purchasers contained herein (unless as of a specific date therein in which case they shall be accurate as of such date);

(ii) all obligations, covenants and agreements of each Purchaser required to be performed at or prior to the Closing Date shall have been performed; and

(iii) the delivery by each Purchaser of the items set forth in Section 2.2(b) of this Agreement.

(b) The respective obligations of the Purchasers hereunder in connection with the Closing are subject to the following conditions being met:

(i) the accuracy in all material respects (or, to the extent representations or warranties are qualified by materiality or Material Adverse Effect, in all respects) when made and on the Closing Date of the representations and warranties of the Company contained herein (unless as of a specific date therein in which case they shall be accurate as of such date);

(ii) all obligations, covenants and agreements of the Company required to be performed at or prior to the Closing Date shall have been performed;

(iii) the delivery by the Company of the items set forth in Section 2.2(a) of this Agreement;

(iv) there shall have been no Material Adverse Effect with respect to the Company since the date hereof;

(v) no stop order or cease trade order suspending the effectiveness of the Registration Statement or any part thereof, preventing or suspending the use of the Base Prospectus or the Prospectus Supplement or any part thereof shall have been issued, and no Proceedings for that purpose shall have been initiated or threatened; and

(vi) from the date hereof to the Closing Date, trading in the Common Shares shall not have been suspended by the Commission or the Trading Market, and, at any time prior to the 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 any Trading 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 the Purchaser, makes it impracticable or inadvisable to purchase the Purchased Shares at the Closing.

### **ARTICLE III. REPRESENTATIONS AND WARRANTIES**

3.1 Representations and Warranties of the Company. The Company hereby represents and warrants as of the date hereof and as of the Closing Date to the Purchasers as follows (unless as of a specific date therein, in which case they shall be accurate as of such date):

(a) Subsidiaries. Except as set forth on Exhibit 21.1 to the Company's Annual Report on Form 10-K for the year ended December 31, 2021, the Company does not own, directly or indirectly, any shares of stock or any other equity or long-term debt securities of any corporation or have any equity interest in any corporation, firm, partnership, joint venture, association or other entity.

(b) Organization and Qualification. The Company and each of the Subsidiaries is an entity duly incorporated or otherwise organized, validly existing and in good standing (to the extent the concept of good standing is applicable in such jurisdiction) under the laws of the jurisdiction of its incorporation or organization, with the requisite power and authority to own and use its properties and assets and to carry on its business as currently conducted and as described in each of the Registration Statement, and the Prospectus Supplement. Neither the Company nor its Subsidiaries are in violation nor default of any of the provisions of its respective certificate of incorporation or articles of organization, bylaws or other organizational or charter documents, except where such violation or default

would not reasonably be expected to have a Material Adverse Effect. The Company and each of its Subsidiary is duly qualified to conduct business and is in good standing as a foreign corporation or other entity in each jurisdiction in which the nature of the business conducted or property owned by it makes such qualification necessary, except where the failure to be so qualified or in good standing, as the case may be, could not have resulted or reasonably be expected to result in: (i) a material adverse effect on the legality, validity or enforceability of this Agreement, (ii) a material adverse effect on the results of operations, assets, business, prospects or condition (financial or otherwise) of the Company and its Subsidiaries, taken as a whole, or (iii) a material adverse effect on the Company's ability to perform on a timely basis its obligations under this Agreement (any of (i), (ii) or (iii), a "Material Adverse Effect") and no Proceeding has been instituted in any such jurisdiction revoking, limiting or curtailing or seeking to revoke, limit or curtail such power and authority or qualification.

(c) Authorization; Enforcement. The Company has the requisite corporate power and authority to enter into and to consummate the transactions contemplated by this Agreement and otherwise to carry out its obligations hereunder. The execution and delivery of this Agreement by the Company and the consummation by it of the transactions contemplated hereby have been duly authorized by all necessary action on the part of the Company and no further action is required by the Company, the Board of Directors or the Company's stockholders in connection herewith other than in connection with the Required Approvals. This Agreement has been (or upon delivery will have been) duly executed by the Company and, when delivered in accordance with the terms hereof and thereof, will constitute the valid and binding obligation of the Company enforceable against the Company in accordance with its terms, except (i) as limited by general equitable principles and applicable bankruptcy, insolvency, reorganization, moratorium and other laws of general application affecting enforcement of creditors' rights generally, (ii) as limited by laws relating to the availability of specific performance, injunctive relief or other equitable remedies and (iii) insofar as indemnification and contribution provisions may be limited by applicable law.

(d) No Conflicts. The execution, delivery and performance by the Company of this Agreement, the issuance and sale of the Purchased Shares and the consummation by it of the transactions contemplated hereby do not and will not (i) conflict with or violate any provision of the Company's certificate of incorporation, bylaws or other organizational or charter documents, or (ii) contravene or constitute a default (or an event that with notice or lapse of time or both would become a default) under any agreement or other instrument binding upon the Company or its Subsidiaries that is material to the Company and its Subsidiaries, taken as a whole, or result in the creation of any lien upon any of the properties or assets of the Company or give to others any rights of termination, amendment, anti-dilution or similar adjustments, acceleration or cancellation (with or without notice, lapse of time or both), or (iii) subject to the Required Approvals, conflict with or result in a violation of any applicable law, rule, regulation, order, judgment, injunction, decree or other restriction of any court or governmental authority to which the Company or its Subsidiaries are subject (including federal, and state securities laws and regulations), or by which any property or asset of the Company or its Subsidiaries is bound or affected; except in the case of each of clauses (ii) and (iii), such as could not have or reasonably be expected to result in a Material Adverse Effect.

(e) Filings, Consents and Approvals. The Company is not required to obtain any consent, waiver, authorization or order of, give any notice to, or make any filing or registration with, any court or other federal, state, local or other governmental authority, or the Financial Industry Regulatory Authority (“FINRA”), or other Person in connection with the execution, delivery and performance by the Company of this Agreement, other than: (i) the filings required pursuant to Section 4.2 of this Agreement, (ii) the filing with the Commission of the Prospectus Supplement, (iii) application(s) to each applicable Trading Market for approval for the listing of the Purchased Shares for trading thereon in the time and manner required thereby, and (iv) such filings as are required to be made under applicable state securities laws (collectively, the “Required Approvals”).

(f) Issuance of the Purchased Shares; Registration. The Purchased Shares are duly authorized and, when issued and paid for in accordance with this Agreement, will be duly and validly issued, fully paid and non-assessable, free and clear of all liens. The Company has reserved from its duly authorized capital stock the maximum number of shares of Common Stock issuable pursuant to this Agreement. The issuance of the Purchased Shares has been registered by the Company under the Securities Act, the Purchased Shares are being issued pursuant to the Registration Statement and all of the Purchased Shares are freely transferable and freely tradeable by each of the Purchasers on the Company’s Trading Market without restriction, and the Purchased Shares shall not bear any restrictive legends (electronic or otherwise). The Company has prepared and filed the Registration Statement in conformity with the requirements of the Securities Act, including the Base Prospectus, and such amendments and supplements thereto as may have been required to the date of this Agreement. The Registration Statement is effective under the Securities Act and no stop order preventing or suspending the effectiveness of the Registration Statement or suspending or preventing the use of the Prospectus Supplement has been issued by the Commission and no Proceedings for that purpose or pursuant to Section 8A under the Securities Act have been instituted or, to the knowledge of the Company, are threatened by the Commission. Promptly after execution and delivery of this Agreement, the Company shall file the Prospectus Supplement with the Commission pursuant to Rule 424(b) within the time period required under Rule 424(b), and in no event later than the Closing Date. At the time the Registration Statement and any amendments thereto became effective, at the date of this Agreement and at the Closing Date, the Registration Statement and any amendments thereto conformed and will conform in all material respects to the requirements of the Securities Act and did not and will not contain any untrue statement of a material fact or omit to state any material fact required to be stated therein or necessary to make the statements therein not misleading; and the Prospectus Supplement and any amendments or supplements thereto, as of the date of the Prospectus Supplement or any amendment or supplement thereto and at the Closing Date, conformed and will conform in all material respects to the requirements of the Securities Act and the applicable rules and regulations of the Commissions thereunder and did not and will not contain an untrue statement of a material fact or omit to state a material fact necessary in order to make the statements therein, in the light of the circumstances under which they were made, not misleading. The Company was at the time of the filing of the Registration Statement and is, as of the date of this Agreement and the Closing, eligible to use Form S-3.

(g) Listing. The Company has filed a Listing of Additional Shares Notification with the Nasdaq Global Select Market with respect to the Purchased Shares.

(h) Capitalization. The capitalization of the Company is as set forth in the SEC Reports. The Company has not issued any securities since its most recently filed audited financial statements, other than pursuant to the exercise of outstanding employee stock options under the Company's stock option plans, the issuance of securities to employees pursuant to the Company's 2018 Equity Incentive Plan, as amended, the Company's 2020 Stock Option and Grant Plan, as amended, and the Company's 2020 Employee Stock Purchase Plan. No Person has any right of first refusal, preemptive right, right of participation, or any similar right to participate in the transactions contemplated by this Agreement. Except as set forth in the SEC Reports or would not reasonably be expected to have a Material Adverse Effect, there are no outstanding options, warrants, subscription rights to subscribe to, calls or commitments of any character whatsoever relating to, or securities, rights or obligations convertible into or exercisable or exchangeable for, or giving any Person any right to subscribe for or acquire, any Common Shares, Preferred Shares or other securities of the Company or the capital stock of its Subsidiaries, or contracts, commitments, understandings or arrangements by which the Company or its Subsidiaries is or may become bound to issue additional Common Shares, any Preferred Shares or other securities of the Company or capital stock of its Subsidiaries. All of the outstanding shares of capital stock of the Company are duly authorized, validly issued, fully paid and non-assessable, have been issued in compliance with all federal and state securities laws, and none of such outstanding shares was issued in violation of any preemptive rights or similar rights to subscribe for or purchase securities.

(i) SEC Reports; Financial Statements. The Company has filed all reports, schedules, forms, statements and other documents required to be filed by the Company under the Securities Act and the Exchange Act, including pursuant to Section 13(a) or 15(d) thereof, since July 29, 2020 (the foregoing materials, including the exhibits thereto and documents incorporated by reference therein, being collectively referred to herein as the "SEC Reports") on a timely basis or has received a valid extension of such time of filing and has filed any such SEC Reports prior to the expiration of any such extension. As of their respective dates, the SEC Reports complied in all material respects with the requirements of the Securities Act and the Exchange Act, as applicable, and none of the SEC Reports, when filed, 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. The financial statements of the Company (or any predecessor entity thereof) included in the SEC Reports comply in all material respects with applicable accounting requirements and the rules and regulations of the Commission with respect thereto as in effect at the time of filing. Such financial statements have been prepared in accordance with GAAP, except as may be otherwise specified in such financial statements or the notes thereto and except that unaudited financial statements may not contain all footnotes required by GAAP, and fairly present in all material respects the financial position of the Company and its Subsidiaries as of and for the dates thereof and the results of operations and cash flows for the periods then ended, subject, in the case of unaudited statements, to normal, immaterial, year-end audit adjustments.

(j) Company Not Ineligible Issuer. At the time of filing the Registration Statement and any post-effective amendment thereto, at the earliest time thereafter that the Company or another offering participant made a bona fide offer (within the meaning of Rule 164(h)(2) of the Securities Act) of the Purchased Shares and at the date hereof, the Company was not and is not an “ineligible issuer,” as defined in Rules 164, 405, and 433 under the Securities Act (without taking account of any determination by the Commission pursuant to Rule 405 that it is not necessary that the Company be considered an ineligible issuer). Any free writing prospectus that the Company is required to file pursuant to Rule 433(d) under the Securities Act has been, or will be, filed with the Commission in accordance with the requirements of the Securities Act and the applicable rules and regulations of the Commission thereunder. Each free writing prospectus that the Company has filed, or is required to file, pursuant to Rule 433(d) under the Securities Act or that was prepared by or on behalf of or used or referred to by the Company complies or will comply, as of the date of such filing, in all material respects with the applicable requirements of the Securities Act and the applicable rules and regulations of the Commission thereunder.

(k) Material Changes; Undisclosed Events, Liabilities or Developments. Since the date of the latest audited financial statements included within the SEC Reports, (i) there has been no event, occurrence or development that has had or that could reasonably be expected to result in a Material Adverse Effect, (ii) the Company has not incurred any material liabilities (contingent or otherwise) other than (A) trade payables and accrued expenses incurred in the ordinary course of business consistent with past practice and (B) liabilities not required to be reflected in the Company’s financial statements pursuant to GAAP or disclosed in filings made with the Commission, (iii) the Company has not altered its method of accounting, (iv) the Company has not declared or made any dividend or distribution of cash or other property to its stockholders or purchased, redeemed or made any agreements to purchase or redeem any shares of its capital stock and (v) the Company has not issued any equity securities to any officer, director or Affiliate, except pursuant to existing Company equity incentive plans. Except for the issuance of the Purchased Shares contemplated by this Agreement, no event, liability, fact, circumstance, occurrence or development has occurred or exists or is reasonably expected to occur or exist with respect to the Company or a Subsidiary or their respective businesses, prospects, properties, operations, assets or financial condition that would be required to be disclosed by the Company under applicable securities laws at the time this representation is made or deemed made that has not been publicly disclosed prior to the date that this representation is made.

(l) Litigation. There is no action, suit, inquiry, notice of violation, Proceeding or investigation pending or, to the knowledge of the Company, threatened against or affecting the Company, any Subsidiary or any of their respective properties before or by any court, arbitrator, governmental or administrative agency or regulatory authority (federal, state, county, local or foreign) (collectively, an “Action”) which (i) adversely affects or challenges the legality, validity or enforceability of this Agreement or the issuance and sale of the Purchased Shares or (ii) could, if there were an unfavorable

decision, have or reasonably be expected to result in a Material Adverse Effect. Neither the Company nor any Subsidiary, nor any director or officer thereof, is or has been the subject of any Action involving a claim of violation of or liability under federal or state securities laws or a claim of breach of fiduciary duty. There has not been, and to the knowledge of the Company, there is not pending or contemplated, any investigation by the Commission involving the Company or any current or former director or officer of the Company.

(m) Compliance. Upon the execution and delivery by the Company of, and the performance by the Company of its obligations under, this Agreement, neither the Company nor any Subsidiary will be: (i) in default under or in violation of (and no event has occurred that has not been waived that, with notice or lapse of time or both, would result in a default by the Company or a Subsidiary under) any indenture, loan or credit agreement or any other agreement or instrument to which it is a party or by which it or any of its properties is bound (whether or not such default or violation has been waived), (ii) in violation of any judgment, decree or order of any court, arbitrator or other governmental authority or (iii) in violation of any statute, rule, ordinance, regulation or guidance of any governmental authority, including without limitation all foreign, federal, state and local laws relating to taxes, environmental protection, occupational health and safety, product quality and safety and employment and labor matters, except in each case as could not have or reasonably be expected to result in a Material Adverse Effect.

(n) Accountants. Deloitte and Touche LLP, whose report on the consolidated financial statements of the Company is filed with the Commission as part of the Company's most recent annual report on Form 10-K filed with the Commission and incorporated by reference in the Registration Statement and the Prospectus Supplement, is (i) an independent registered public accounting firm as required by the Securities Act, the Exchange Act and the rules of the Public Company Accounting Oversight Board (United States) (the "PCAOB"), (ii) in compliance with the applicable requirements relating to the qualification of accountants under Rule 2-01 of Regulation S-X under the Securities Act and (iii) a registered public accounting firm as defined by the PCAOB whose registration has not been suspended or revoked and who has not requested such registration to be withdrawn.

(o) Investment Company. The Company is not, and after giving effect to the offering and sale of the Purchased Shares and the application of the proceeds thereof as described in the Prospectus Supplement will not be, required to register as an "investment company" as such term is defined in the Investment Company Act of 1940, as amended.

(p) Certain Environmental Matters. The Company and each of its Subsidiaries (i) are in compliance with any and all applicable foreign, federal, state and local laws and regulations relating to the protection of human health and safety, the environment or hazardous or toxic substances or wastes, pollutants or contaminants ("Environmental Laws"), (ii) have received all permits, licenses or other approvals required of them under applicable Environmental Laws to conduct their respective businesses and (iii) are in compliance with all terms and conditions of any such permit, license or approval, except where such noncompliance with Environmental Laws, failure to receive required permits, licenses or other approvals or failure to comply with the terms and conditions of such

permits, licenses or approvals would not, singly or in the aggregate, reasonably be expected to have a Material Adverse Effect on the Company and its Subsidiaries, taken as a whole. There are no costs or liabilities associated with Environmental Laws (including, without limitation, any capital or operating expenditures required for clean-up, closure of properties or compliance with Environmental Laws or any permit, license or approval, any related constraints on operating activities and any potential liabilities to third parties) which would, singly or in the aggregate, reasonably be expected to have a Material Adverse Effect on the Company and its Subsidiaries, taken as a whole.

(q) Registration Rights. There are no contracts, agreements or understandings between the Company and any Person granting such Person the right to require the Company to file a registration statement under the Securities Act with respect to any securities of the Company or to require the Company to include such securities with the Purchased Shares registered pursuant to the Registration Statement, except as otherwise have been validly waived in connection with the issuance and sale of the Purchased Shares contemplated hereby and as described in the Registration Statement and the Prospectus Supplement.

(r) Foreign Corrupt Practices. (i) None of the Company or any of its Subsidiaries or controlled Affiliates, or any director or officer or, to the Company's knowledge, any employee, agent, non-controlled affiliates or representative of the Company or of any of its Subsidiaries or controlled Affiliates, has taken or will take any action in furtherance of an offer, payment, promise to pay, or authorization or approval of the payment, giving or receipt of money, property, gifts or anything else of value, directly or indirectly, to any government official (including any officer or employee of a government or government-owned or controlled entity or of a public international organization, or any Person acting in an official capacity for or on behalf of any of the foregoing, or any political party or party official or candidate for political office) ("Government Official") in order to influence official action, or to any Person in violation of any applicable anti-corruption laws; (ii) the Company and each of its Subsidiaries and controlled Affiliates have conducted their businesses in compliance with applicable anti-corruption laws and have instituted and maintained and will continue to maintain policies and procedures reasonably designed to promote and achieve compliance with such laws and with the representations and warranties contained herein; and (iii) neither the Company nor any of its Subsidiaries will use, directly or indirectly, the proceeds of the offering in furtherance of an offer, payment, promise to pay, or authorization of the payment or giving of money, or anything else of value, to any Person in violation of any applicable anti-corruption laws.

(s) Money Laundering. The operations of the Company and each of its Subsidiaries are and have been conducted at all times in material compliance with all applicable financial recordkeeping and reporting requirements, including those of the Bank Secrecy Act, as amended by Title III of the Uniting and Strengthening America by Providing Appropriate Tools Required to Intercept and Obstruct Terrorism Act of 2001 (USA PATRIOT Act), and the applicable anti-money laundering statutes of jurisdictions where the Company and each of its Subsidiaries conduct business, the rules and regulations thereunder and any related or similar rules, regulations or guidelines, issued, administered

or enforced by any governmental agency (collectively, the “Anti-Money Laundering Laws”), and no Action, suit or Proceeding by or before any court or governmental agency, authority or body or any arbitrator involving the Company or any of its Subsidiaries with respect to the Anti-Money Laundering Laws is pending or, to the knowledge of the Company, threatened.

(t) Sanctions.

(i) None of the Company, any of its Subsidiaries, or any director or officer thereof, or, to the Company’s knowledge, any employee, agent, Affiliate or representative of the Company or any of its Subsidiaries, is an individual or entity that is, or is owned or controlled by one or more Persons that are:

a. the subject of any sanctions administered or enforced by the U.S. Department of the Treasury’s Office of Foreign Assets Control, the United Nations Security Council, the European Union, Her Majesty’s Treasury, or other relevant sanctions authority (collectively, “Sanctions”), or

b. located, organized or resident in a country or territory that is the subject of Sanctions (including, without limitation, Crimea, Cuba, Iran, North Korea and Syria).

(ii) The Company will not, directly or indirectly, use the proceeds of the offering, or lend, contribute or otherwise make available such proceeds to any Subsidiary, joint venture partner or other Person:

a. to fund or facilitate any activities or business of or with any Person or in any country or territory that, at the time of such funding or facilitation, is the subject of Sanctions; or

b. in any other manner that will result in a violation of Sanctions by any Person (including any Person participating in the offering, whether as underwriter, advisor, investor or otherwise).

(iii) The Company and each of its Subsidiaries have not knowingly engaged in, are not now knowingly engaged in, and will not engage in, any dealings or transactions with any Person, or in any country or territory, that at the time of the dealing or transaction is or was the subject of Sanctions.

(u) Title to Real and Personal Property. The Company and its Subsidiaries do not own any real property. The Company and its Subsidiaries have good and marketable title to all personal property (other than intellectual property which is addressed exclusively in Section 3.1(v) below) owned by them which is material to the business of the Company and its Subsidiaries, in each case free and clear of all liens, encumbrances and defects except such as are described in the Registration Statement and the Prospectus Supplement or such as do not materially affect the value of such property and do not materially interfere with the use made and proposed to be made of such property by the Company and its Subsidiaries; and any real property and buildings held under lease by the Company and its Subsidiaries are held by them under valid, subsisting and enforceable leases with such

exceptions as are not material and would not reasonably be expected to materially interfere with the use made and proposed to be made of such property and buildings by the Company and its Subsidiaries, in each case except as described in the Registration Statement and the Prospectus Supplement.

(v) Title to Intellectual Property. (i) To the Company's knowledge, the Company and its Subsidiaries own or have a valid license to all patents, inventions, copyrights, know how (including trade secrets and other unpatented and/or unpatentable proprietary or confidential information, systems or procedures), trademarks, service marks and trade names (collectively, "Intellectual Property Rights") (a) described in the Registration Statement and the Prospectus Supplement as being owned by or licensed to the Company or its Subsidiaries, or (b) to the Company's knowledge, used in or reasonably necessary to the conduct of their businesses; (ii) the Intellectual Property Rights owned by the Company and its Subsidiaries and, to the Company's knowledge, the Intellectual Property Rights licensed to the Company and its Subsidiaries, are free and clear of all liens, security interests, or encumbrances, and no Action, suit, claim or other proceeding is pending or, to the knowledge of the Company, is threatened, challenging the Company's rights in or to any such Intellectual Property Rights; (iii) to the Company's knowledge, the issued patents described in the Registration Statement and the Prospectus Supplement as being owned by or licensed to the Company and its Subsidiaries, are valid, subsisting and enforceable, and there is no material pending or, to the Company's knowledge, threatened Action, suit, Proceeding or claim by others challenging the validity, scope or enforceability of any such Intellectual Property Rights; (iv) neither the Company nor any of its subsidiaries has received any written notice alleging any material infringement, misappropriation or other violation of Intellectual Property Rights; (v) to the Company's knowledge, no third party is infringing, misappropriating or otherwise violating, or has infringed, misappropriated or otherwise violated, any Intellectual Property Rights owned or licensed by the Company; (vi) to the Company's knowledge, neither the Company nor any of its Subsidiaries infringes, misappropriates or otherwise violates, or has infringed, misappropriated or otherwise violated, any Intellectual Property Rights; (vii) all patents and patent applications owned by or licensed to the Company or under which the Company has rights have, to the knowledge of the Company, been duly and properly filed and maintained; to the knowledge of the Company, there are no material defects in any of the patents or patent applications disclosed in the Registration Statement and the Prospectus Supplement as being owned or licensed by the Company and its Subsidiaries; (viii) the Company is not aware of any facts required to be disclosed to the USPTO that were not disclosed to the USPTO and which would preclude the grant of a patent in connection with any such application or could form the basis of a finding of invalidity or unenforceability with respect to any patents that have issued with respect to such applications; (ix) other than as disclosed in the Registration Statement and the Prospectus Supplement, neither the Company nor its Subsidiaries is obligated to pay a royalty, grant a license or option, or provide other consideration to any third party in connection with the Intellectual Property Rights owned or licensed by the Company and its Subsidiaries, and the Company and its Subsidiaries have complied with the terms of each agreement pursuant to which Intellectual Property Rights have been licensed to the Company or any Subsidiary, and all such agreements are in full force and effect, except as would not be expected, individually or in

the aggregate, to have a Material Adverse Effect; (x) all employees or contractors engaged in the development of Intellectual Property Rights on behalf of the Company or any Subsidiary of the Company have executed an invention assignment agreement whereby such employees or contractors presently assign all of their right, title and interest in and to such Intellectual Property Rights to the Company or the applicable Subsidiary, and to the Company's knowledge no such agreement has been breached or violated; and (xi) to the Company's knowledge, the Company and its Subsidiaries use, and have used, commercially reasonable efforts to appropriately maintain all information intended to be maintained as a trade secret.

(w) Software. (i) The Company and its Subsidiaries use and have used any and all software and other materials distributed under a "free," "open source," or similar licensing model ("Open Source Software") in compliance with all license terms applicable to such Open Source Software; and (ii) neither the Company nor any of its Subsidiaries uses or distributes or has used or distributed any Open Source Software in any manner that requires or has required (A) the Company or any of its Subsidiaries to permit reverse engineering of any software code or other technology owned by the Company or any of its Subsidiaries or (B) any software code or other technology owned by the Company or any of its Subsidiaries to be (1) disclosed or distributed in source code form, (2) licensed for the purpose of making derivative works or (3) redistributed at no charge.

(x) Data Security. (i) The Company and each of its Subsidiaries have complied in all material respects and are presently in material compliance with all internal privacy policies, contractual obligations, applicable laws or statutes, and judgments, orders, rules and regulations of any court or arbitrator or other governmental or regulatory authority, in each case, relating to the collection, use, transfer, import, export, storage, protection, disposal and disclosure by the Company or any of its Subsidiaries of personally identifiable or other regulated data ("Data Security Obligations", and such data, "Data"); (ii) the Company has not received any written notification of or complaint regarding material non-compliance with any Data Security Obligation; and (iii) of there is no Action, suit or Proceeding by or before any court or governmental agency, authority or body pending or, to the Company's knowledge, threatened alleging non-compliance with any Data Security Obligation.

(y) Data Controls. The Company and each of its Subsidiaries have implemented appropriate controls, policies, procedures and technological safeguards to maintain and protect the information technology systems and Data used in connection with the operation of the Company's and its Subsidiaries' businesses. Without limiting the foregoing, the Company and its Subsidiaries have used reasonable efforts to implement appropriate controls, policies, procedures, and technological safeguards to establish and maintain reasonable data protection controls, policies and procedures that are designed to protect against and prevent breach, destruction, loss, unauthorized distribution, use, access, disablement, misappropriation or modification, or other compromise or misuse of any Data used in connection with the operation of the Company's and its Subsidiaries' businesses ("Breach"). To the Company's knowledge, there has been no material Breach, and the Company and its Subsidiaries have not been notified of and have no knowledge of any event or condition that would reasonably be expected to result in, any such material Breach.

(z) Absence of Labor Disputes. No material labor dispute with the employees of the Company or any of its Subsidiaries exists, or, to the knowledge of the Company, is imminent; and the Company is not aware of any existing, threatened or imminent labor disturbance by the employees of any of its principal suppliers, manufacturers or contractors that would, singly or in the aggregate, have a Material Adverse Effect on the Company and its Subsidiaries, taken as a whole.

(aa) Compliance with ERISA. Except as would not reasonably be expected, individually or in the aggregate, to result in a Material Adverse Effect on the Company and its Subsidiaries, taken as a whole: (i) any “employee benefit plan” (within the meaning of Section 3(3) of the Employee Retirement Income Security Act of 1974, as amended, and the regulations and published interpretations thereunder (collectively, “ERISA”)) established or maintained by the Company, its Subsidiaries or their respective ERISA Affiliates (as defined below) or as to which the Company and any of its Subsidiaries have any liability (an “Employee Benefit Plan”) is and has been operated in compliance with its terms and all applicable laws, including ERISA and the Internal Revenue Code of 1986, as amended (the “Code”); (ii) no “reportable event” (as defined under ERISA) has occurred or is reasonably expected to occur with respect to any Employee Benefit Plan; (iii) no failure to satisfy the minimum funding standards (within the meaning of Section 412 of the Code or Section 302 of ERISA), whether or not waived, has occurred or is reasonably expected to occur with respect to any Employee Benefit Plan; (iv) the fair market value of the assets under each Employee Benefit Plan (excluding, for these purposes, accrued but unpaid contributions) exceeds the present value of all benefits accrued under such Employee Benefit Plan (determined based on those assumptions most recently used to fund such Employee Benefit Plan); (v) neither the Company, its Subsidiaries nor any of their ERISA Affiliates has incurred or reasonably expects to incur any liability under (x) Title IV of ERISA with respect to termination of, or withdrawal from, any Employee Benefit Plan, (y) Sections 412, 430, 4971, 4975 or 4980B of the Code or (z) Sections 302, 303, 406, 4063 or 4064 of ERISA; (f) each Employee Benefit Plan that is intended to be qualified under Section 401(a) of the Code is so qualified and, to the knowledge of the Company, nothing has occurred, whether by action or failure to act, which would reasonably be expected to cause the loss of such qualification; (vi) there is no pending audit or investigation by the Internal Revenue Service, the U.S. Department of Labor, the Pension Benefit Guaranty Corporation or any other governmental or other regulatory entity or agency with respect to any Employee Benefit Plan; and (vii) neither the Company nor any of its Subsidiaries has any “accumulated post-retirement benefit obligations” (within the meaning of Statement of Financial Accounting Standards 106). For the purposes of this Section, “ERISA Affiliate” means, with respect to the Company or any of its Subsidiaries, any Person or trade or business treated together with the Company or any of its Subsidiaries as a single employer under Sections 414(b), (c), (m) or (o) of the Code or under common control for purposes of Title IV of ERISA.

(bb) 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 in the Company's reasonable judgement are prudent and customary in the businesses in which they are engaged; neither the Company nor any of its Subsidiaries has been refused any insurance coverage sought or applied for; and neither the Company nor any of its Subsidiaries has any reason to believe that it will not be able 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 reasonably be expected to have a Material Adverse Effect on the Company and its Subsidiaries, taken as a whole.

(cc) Licenses and Permits. The Company and each of its Subsidiaries possess all certificates, authorizations and permits issued by the appropriate federal, state or foreign regulatory authorities necessary to conduct their respective businesses, as currently conducted, and neither the Company nor any of its Subsidiaries has received any written notice of Proceedings relating to the revocation or modification of any such certificate, authorization or permit which, singly or in the aggregate, if the subject of an unfavorable decision, ruling or finding, would reasonably be expected to have a Material Adverse Effect on the Company and its Subsidiaries, taken as a whole.

(dd) GAAP Compliance. The financial statements included or incorporated by reference in the Registration Statement and the Prospectus Supplement, together with the related schedules and notes thereto, comply as to form in all material respects with the applicable accounting requirements of the Securities Act and present fairly in all material respects the consolidated financial position of the Company and its Subsidiaries as of the dates shown and its results of operations and cash flows for the periods shown, and such financial statements have been prepared in conformity with GAAP applied on a consistent basis throughout the periods covered thereby except for any normal year-end adjustments in the Company's quarterly financial statements. The other financial information included or incorporated by reference in the Registration Statement and the Prospectus Supplement has been derived from the accounting records of the Company and its consolidated Subsidiaries and presents fairly in all material respects the information shown thereby. The statistical, industry-related and market-related data included or incorporated by reference in the Registration Statement and the Prospectus Supplement are based on or derived from sources which the Company reasonably and in good faith believes are reliable and accurate and such data is consistent with the sources from which they are derived, in each case in all material respects.

(ee) Internal Accounting Controls. The Company and each of its Subsidiaries, taken as a whole, maintain a system of internal accounting controls sufficient to provide reasonable assurance that (i) transactions are executed in accordance with management's general or specific authorizations; (ii) transactions are recorded as necessary to permit preparation of financial statements in conformity with GAAP and to maintain asset accountability; (iii) access to assets is permitted only in accordance with management's general or specific authorization; and (iv) the recorded accountability for assets is compared with the existing assets at reasonable intervals and appropriate action is taken with respect to any differences. Since the end of the Company's most recent audited fiscal year, there has been (i) no material weakness in the Company's internal control over financial reporting (whether or not remediated) and (ii) no change in the Company's internal control over financial reporting that has materially and adversely affected, or is reasonably likely to materially and adversely affect, the Company's internal control over financial reporting.

(ff) Disclosure Controls and Procedures. The Company and its Subsidiaries maintain an effective system of “disclosure controls and procedures” (as defined in Rule 13a-15(e) of the Exchange Act) that complies with the requirements of the Exchange Act and that has been designed to ensure that information required to be disclosed by the Company in reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the Commission’s rules and forms, including controls and procedures designed to ensure that such information is accumulated and communicated to the Company’s management as appropriate to allow timely decisions regarding required disclosure. The Company and its Subsidiaries have carried out evaluations of the effectiveness of their disclosure controls and procedures as required by Rule 13a-15 of the Exchange Act.

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

(hh) FDA Compliance. The Company and its Subsidiaries, since July 1, 2019: (i) have not received any FDA Form 483, written notice of adverse finding, warning letter, untitled letter or other written correspondence or notice from the FDA or any other similar federal, state, local or foreign governmental or regulatory authority alleging or asserting material noncompliance with any Health Care Laws (defined below) or any licenses, certificates, approvals, clearances, authorizations, exemptions, permits and supplements or amendments thereto required by any Health Care Laws to conduct the Company’s business as described in Prospectus Supplement (“Authorizations”); (ii) possess all applicable Authorizations and such Authorizations are valid and in full force and effect and neither the Company nor its Subsidiaries is in violation of any such Authorizations except where such violation would not, singly or in the aggregate, have a Material Adverse Effect; (iii) have not received written notice of any pending or completed claim, Action, suit, Proceeding, hearing, enforcement, investigation, arbitration or other Action from the FDA or any other federal, state, local or foreign governmental or regulatory authority or third party alleging that any product candidate operation or activity is in material violation of any Health Care Laws or Authorizations and the Company has no knowledge that the FDA or any other federal, state, local or foreign governmental or regulatory authority or third party is considering any such claim, litigation, arbitration, Action, suit, investigation or Proceeding; (iv) have not received written notice that the FDA or any other federal, state, local or foreign governmental or regulatory authority has taken, is taking or intends to take Action to limit, suspend, materially modify or revoke any material Authorizations and has no knowledge that the FDA or any other federal, state, local or foreign governmental or regulatory authority is considering such Action; and (v) have filed, obtained, maintained or submitted all material reports, documents, forms, notices, applications, records, claims,

submissions and supplements or amendments as required by any Health Care Laws or Authorizations and all such reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments were materially complete and correct on the date filed (or were corrected or supplemented by a subsequent submission).

(ii) Studies, Tests and Preclinical and Clinical Trials. The preclinical studies and tests and clinical studies that have been or are being conducted or sponsored by or on behalf of the Company or in which the Company's product candidates participated (collectively, "Studies") were, and, if still pending, are being conducted in all material respects in accordance with all Health Care Laws and Authorizations, including, without limitation, 21 C.F.R. Parts 50, 54, 56, 58, and 312. The descriptions of the Studies, and the results thereof, contained in the Registration Statement and the Prospectus Supplement are accurate and complete in all material respects. The Company is not aware of any studies or tests, the results of which are materially inconsistent with the study or test results described or referred to in the Registration Statement when viewed in the context in which such results are described and the clinical state of development. The Company has not received any written notices or correspondence from the FDA or any other federal, state, local or foreign governmental or regulatory authority requiring the termination, suspension or material modification of any preclinical studies or tests or clinical studies conducted by or on behalf of or sponsored by the Company or in which the Company's product candidates participated.

(jj) Compliance with Healthcare Laws. Except as described in the Registration Statement and the Prospectus Supplement, the Company and its Subsidiaries are and have since July 1, 2019 operated in material compliance with all applicable health care laws, including, (i) the Federal Food, Drug, and Cosmetic Act (21 U.S.C. §§ 301 et seq.) and the Public Health Service Act (42 U.S.C. §§ 201 et seq.); (ii) applicable federal, state, local and foreign health care related fraud and abuse laws, including, the federal health care Anti-kickback Statute (42 U.S.C. § 1320a-7b(b)), the civil False Claims Act (31 U.S.C. §§ 3729 et seq.), criminal false claims provisions including 42 U.S.C. § 1320a-7b(a), 18 U.S.C. §§ 286 and 287, the health care fraud criminal provisions under the U.S. Health Insurance Portability and Accountability Act of 1996 ("HIPAA"), the exclusion law (42 U.S.C. § 1320a-7), the civil monetary penalties law (42 U.S.C. § 1320a-7a) and the Patient Protection and Affordable Care Act of 2010 (Pub. Law 111-148), as amended by the Health Care and Education Reconciliation Act of 2010 (Pub. Law 111-152) (collectively, "ACA"), including without limitation the U.S. Physician Payments Sunshine Act (42 U.S.C. § 1320a-7h); (iii) the applicable requirements of Titles XVIII (Medicare) and Title XIX (Medicaid) of the Social Security Act; (iv) HIPAA, as amended by the Health Information Technology for Economic and Clinical Health Act (42 U.S.C. §§ 1320d et seq., 42 U.S.C. §§ 17921 et seq.); (v) the regulations promulgated pursuant to all such laws; and (vi) other similar local, state, federal, or foreign laws and regulations applicable to the Company's business (collectively, the "Health Care Laws"). Since July 1, 2019, neither the Company nor its Subsidiaries nor any of its officers, directors or employees, nor, to the knowledge of the Company, any of its agents, have been excluded, suspended or debarred from participation in any federal health care program as defined in 42 U.S.C. § 1320a-7b(f) ("Programs") or human clinical research or, to the knowledge of the Company, is subject to a governmental inquiry, investigation, Proceeding, or other similar Action that could

reasonably be expected to result in debarment, suspension, or exclusion from the Programs. The Company is not a party to and the Company does not have any ongoing reporting obligations pursuant to, any corporate integrity agreements, deferred prosecution agreements, monitoring agreements, consent decrees, settlement orders, plans of correction or similar agreements with or imposed by a governmental body or agency.

(kk) Agreements. Except as otherwise disclosed in the Registration Statement or Prospectus Supplement, neither the Company nor any of its Subsidiaries has sent or received any communication regarding termination of, or intent not to renew, any of the contracts or agreements referred to or described in the Prospectus Supplement or any free writing prospectus, or referred to or described in, or filed as an exhibit to, the Registration Statement, and no such termination or non-renewal has been threatened by the Company or any of its Subsidiaries or, to the Company's knowledge, any other party to any such contract or agreement, which threat of termination or non-renewal has not been rescinded as of the date hereof.

(ll) Payment of Taxes. The Company and each of its Subsidiaries have filed all federal, state, local and foreign tax returns required to be filed through the date of this Agreement or have requested extensions thereof (except where the failure to file would not, singly or in the aggregate, have a Material Adverse Effect on the Company and its Subsidiaries, taken as a whole) and have paid all taxes required to be paid thereon (except for cases in which the failure to file or pay would not, singly or in the aggregate, have a Material Adverse Effect on the Company and its Subsidiaries, taken as a whole, or, except as currently being contested in good faith and for which reserves required by GAAP have been created in the financial statements of the Company), and no tax deficiency has been determined adversely to the Company or any of its Subsidiaries which, singly or in the aggregate, has had (nor does the Company nor any of its Subsidiaries have any notice or knowledge of any tax deficiency which could reasonably be expected to be determined adversely to the Company or its Subsidiaries and which could reasonably be expected to have) a Material Adverse Effect on the Company and its Subsidiaries, taken as a whole.

(mm) Listing and Maintenance Requirements. The Common Shares are registered pursuant to Section 12(b) of the Exchange Act, and the Company has taken no action designed to, or which to its knowledge is likely to have the effect of, terminating the registration of the Common Shares under the Exchange Act nor has the Company received any notification that the Commission is contemplating terminating such registration. The Company has not, at any time since July 29, 2020, received notice from any Trading Market on which the Common Shares is or has been listed or quoted to the effect that the Company is not in compliance with the listing or maintenance requirements of such Trading Market. The Company is, and at all times since July 29, 2020 has been, and has no reason to believe that it will not in the foreseeable future continue to be, in compliance with all such listing and maintenance requirements. The Common Shares are currently eligible for electronic transfer through the Depository Trust Company or another established clearing corporation and the Company is current in payment of the fees to the Depository Trust Company (or such other established clearing corporation) in connection with such electronic transfer.

(nn) Disclosure. Except with respect to the material terms and conditions of the transactions contemplated by this Agreement, the Company confirms that neither it nor any other Person acting on its behalf has provided the Purchasers or its agents or counsel with any information that it believes constitutes or might constitute material, non-public information that is not otherwise disclosed in the Prospectus Supplement or the SEC Reports. The Company understands and confirms that the Purchasers will rely on the foregoing representation in effecting transactions in securities of the Company. All of the disclosure furnished by or on behalf of the Company to the Purchasers regarding the Company and its Subsidiaries, their respective businesses and the transactions contemplated hereby, is 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. The Company acknowledges and agrees that each Purchaser makes or has made no representations or warranties with respect to the transactions contemplated hereby other than those specifically set forth in Section 3.2 hereof.

(oo) Acknowledgment Regarding Purchaser's Purchase of Securities. The Company acknowledges and agrees that each Purchaser is acting solely in the capacity of an arm's length purchaser with respect to this Agreement and the transactions contemplated hereby. The Company further acknowledges that each Purchaser is not acting as a financial advisor or fiduciary of the Company (or in any similar capacity) with respect to this Agreement and the transactions contemplated hereby and any advice given by such Purchaser or any of their respective representatives or agents in connection with this Agreement and the transactions contemplated hereby is merely incidental to each Purchaser's purchase of the Purchased Shares. The Company further represents to the Purchasers that the Company's decision to enter into this Agreement has been based solely on the independent evaluation of the transactions contemplated hereby by the Company and its representatives.

(pp) Regulation M Compliance. The Company has not, and to its knowledge no one acting on its behalf has taken, directly or indirectly, any action designed to cause or to result in the stabilization or manipulation of the price of any security of the Company in a violation of Regulation M under the Exchange Act.

3.2 Representations and Warranties of the Purchasers. Each Purchaser, for itself and for no other Purchaser, hereby represents and warrants as of the date hereof and as of the Closing Date to the Company as follows (unless as of a specific date therein, in which case they shall be accurate as of such date):

(a) Organization; Authority. Such Purchaser is an individual or entity duly incorporated or formed, validly existing and in good standing under the laws of the jurisdiction of its incorporation or formation with full right, corporate, partnership, limited liability company or similar power and authority to enter into and to consummate the transactions contemplated by this Agreement and otherwise to carry out its obligations hereunder. The execution and delivery of this Agreement and performance by such Purchaser of the transactions contemplated by this Agreement have been duly authorized by all necessary corporate, partnership, limited liability company or similar action, as applicable, on the part of such

Purchaser. This Agreement has been duly executed by such Purchaser, and when delivered by such Purchaser in accordance with the terms hereof, will constitute the valid and legally binding obligation of such Purchaser, enforceable against it in accordance with its terms, except: (i) as limited by general equitable principles and applicable bankruptcy, insolvency, reorganization, moratorium and other laws of general application affecting enforcement of creditors' rights generally, (ii) as limited by laws relating to the availability of specific performance, injunctive relief or other equitable remedies and (iii) insofar as indemnification and contribution provisions may be limited by applicable law.

(b) Understandings or Arrangements. Such Purchaser is acquiring the Purchased Shares as principal for its own account and has no direct or indirect arrangement or understandings with any other Persons to distribute or regarding the distribution of such Purchased Shares (this representation and warranty not limiting such Purchaser's right to sell the Purchased Shares in compliance with applicable federal and state securities laws).

(c) Experience of such Purchaser. Such Purchaser, either alone or together with its representatives, has such knowledge, sophistication and experience in business and financial matters so as to be capable of evaluating the merits and risks of the prospective investment in the Purchased Shares, and has so evaluated the merits and risks of such investment. Such Purchaser is able to bear the economic risk of an investment in the Purchased Shares and, at the present time, is able to afford a complete loss of such investment.

(d) Access to Information. Such Purchaser acknowledges that it has had the opportunity to review this Agreement (including all exhibits and schedules thereto) and the SEC Reports and has been afforded, (i) the opportunity to ask such questions as it has deemed necessary of, and to receive answers from, representatives of the Company concerning the terms and conditions of the offering of the Purchased Shares and the merits and risks of investing in the Purchased Shares; (ii) access to information about the Company and its financial condition, results of operations, business, properties, management and prospects sufficient to enable it to evaluate its investment; and (iii) the opportunity to obtain such additional information that the Company possesses or can acquire without unreasonable effort or expense that is necessary to make an informed investment decision with respect to the investment.

(e) Certain Transactions and Confidentiality. Other than consummating the transactions contemplated hereunder, such Purchaser has not, nor has any Person acting on behalf of or pursuant to any understanding with the Purchaser, directly or indirectly executed any purchases or sales, including Short Sales, of the securities of the Company during the period commencing as of the time that such Purchaser first received a preliminary term sheet (written or oral) from the Company or any other Person representing the Company setting forth the proposed terms of the transactions contemplated hereunder and ending immediately prior to the execution hereof. Other than to such Purchaser's representatives, including, without limitation, its officers, directors, partners, legal and other advisors, employees, agents and Affiliates, such Purchaser has maintained the confidentiality of all disclosures made to it in connection with this transaction (including the existence and terms of this transaction). Notwithstanding the foregoing, for the avoidance of doubt, nothing contained herein shall constitute a representation or warranty, or preclude any actions, with respect to locating or borrowing Common Shares in order to effect Short Sales or similar transactions in the future.

The Company acknowledges and agrees that the representations of any Purchaser contained in this [Section 3.2](#) shall not modify, amend or affect such Purchaser's right to rely on the Company's representations and warranties contained in this Agreement or any other document or instrument executed and/or delivered in connection with this Agreement or the consummation of the transactions contemplated hereby.

#### ARTICLE IV. OTHER AGREEMENTS OF THE PARTIES

4.1 Integration. The Company shall not sell, offer for sale or solicit offers to buy or otherwise negotiate in respect of any security (as defined in Section 2 of the Securities Act) that would be integrated with the offer or sale of the Purchased Shares for purposes of the rules and regulations of any Trading Market such that it would require stockholder approval prior to the Closing of such other transaction unless stockholder approval is obtained before the closing of such subsequent transaction.

4.2 Securities Laws Disclosure; Publicity. The Company shall (a) by the Disclosure Time, issue a press release disclosing the material terms of the transactions contemplated hereby, and (b) file a Current Report on Form 8-K, including this Agreement as an exhibit thereto, with the Commission within the time required by the Exchange Act, in each case in the form mutually agreed to by the Company and the Purchasers. At any time up to the Closing Date, the Company and each Purchaser shall consult with each other in issuing any other press releases with respect to the transactions contemplated hereby, and neither the Company nor such Purchaser shall issue any such press release nor otherwise make any such public statement without the prior consent of the Company, with respect to any press release of such Purchaser, or without the prior consent of each Purchaser, with respect to any press release of the Company which directly names such Purchaser, which consent shall not unreasonably be withheld or delayed, except if such disclosure is required by law, in which case the disclosing party (or parties) shall promptly provide the other party (or parties) with prior notice of such public statement or communication.

4.3 Use of Proceeds. The Company will use the net proceeds as described in the Prospectus Supplement under the section entitled "Use of Proceeds."

4.4 Indemnification of Purchasers. Subject to the provisions of this Section 4.4, the Company will indemnify and hold each Purchaser and its directors, officers, shareholders, members, partners, employees and agents (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title), each Person who controls such Purchaser (within the meaning of Section 15 of the Securities Act and Section 20 of the Exchange Act), and the directors, officers, shareholders, agents, members, partners or employees (and any other Persons with a functionally equivalent role of a Person holding such titles notwithstanding a lack of such title or any other title) of such controlling persons (each, a "Purchaser Party") harmless from any and all losses, liabilities, obligations, claims, contingencies, damages, costs and expenses, including all judgments, amounts paid in settlements, court costs and reasonable attorneys' fees and costs of investigation that any such Purchaser Party may suffer or incur as a result of or relating to (a) any breach of any of the representations, warranties, covenants or agreements made by the Company in this Agreement or in the other transaction documents or (b) any action instituted against the Purchaser Parties in any capacity, or any of them or their respective Affiliates, by any stockholder of the Company who is not an Affiliate of such Purchaser Party, with respect to any of the transactions contemplated by the transaction documents (unless such action is based upon a material breach of such Purchaser Party's representations, warranties or covenants under the transaction documents or any agreements or understandings such Purchaser Party may have with any such stockholder or any violations by such Purchaser Party of state or federal securities laws or any conduct by such Purchaser Party which is finally judicially determined to constitute fraud, gross negligence or willful misconduct). If any action shall be brought against any Purchaser Party in respect of which indemnity may be sought pursuant to this Agreement, such Purchaser Party shall promptly notify the Company in writing, and the Company shall have the right to assume the defense thereof with counsel of its own choosing reasonably acceptable to the Purchaser Party. Any Purchaser Party shall have the right to employ separate counsel in any such action and participate in the defense thereof, but the fees and expenses of such counsel shall be at the expense of such Purchaser Party except to the extent that (i) the employment thereof has been specifically authorized by the Company in writing, (ii) the Company has failed after a reasonable period of time to assume such defense and to employ counsel or (iii) in such action there is, in the reasonable opinion of counsel, a material conflict on any material issue between the position of the Company and the position of such Purchaser Party, in which case the Company shall be responsible for the reasonable and documented fees and expenses of no more than one such separate counsel. The Company will not be liable to any Purchaser Party under this Agreement (y) for any settlement by a Purchaser Party effected without the Company's prior written consent, which shall not be unreasonably withheld or delayed; or (z) to the extent, but only to the extent that a loss, claim, damage or liability is attributable to any Purchaser Party's breach of any of the representations, warranties, covenants or agreements made by such Purchaser Party in this Agreement or in the other transaction documents. The indemnification required by this Section 4.4 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 are incurred; provided, however, that if it is subsequently determined by a final, non-appealable judgment of a court of competent jurisdiction that a Purchaser was not entitled to receive such periodic payments, such Purchaser shall promptly (but in no event later than five (5) Business Days) return such payments to the Company. The indemnity agreements contained herein shall be in addition to any cause of action or similar right of any Purchaser Party against the Company or others and any liabilities the Company may be subject to pursuant to law.

4.5 Listing of Common Shares. The Company hereby agrees to use commercially reasonable efforts to maintain the listing or quotation of the Common Shares on the Trading Market on which it is currently listed.

4.6 Non-Public Information. Except with respect to the material terms and conditions of the transactions contemplated by this Agreement, the Company covenants and agrees that neither it, nor any other Person acting on its behalf will provide any Purchaser or its agents or counsel with any information that constitutes, or the Company reasonably believes constitutes, material non-public information, unless prior thereto such Purchaser shall have consented to the receipt of such information and agreed with the Company to keep such information confidential.

To the extent that the Company, any of its Subsidiaries, or any of their respective officers, directors, agents, employees or Affiliates delivers any material, non-public information to a Purchaser without such Purchaser's consent or to the extent the Company fails to publicly disclose any material, non-public information, the Company hereby acknowledges and agrees that such Purchaser shall not have any duty of trust of confidence to the Company, any of its Subsidiaries, or any of their respective officers, directors, agents, employees or Affiliates, or a duty to the Company, any of its Subsidiaries or any of their respective officers, directors, agents, employees or Affiliates not to trade in any securities of the Company while aware of, such material, non-public information. The Company understands and confirms that each Purchaser shall be relying on the foregoing covenants in effecting transactions in securities of the Company.

4.7 Resale Registration Statement. Within three (3) months following the Closing, the Company shall prepare and file with the Commission a registration statement covering the resale of the Registrable Securities held by the Purchasers that are a party to the Investors' Rights Agreement for an offering to be made on a continuous basis and shall use best efforts to cause such registration statement to be declared effective, subject to and pursuant to the Investors' Rights Agreement.

## **ARTICLE V. MISCELLANEOUS**

5.1 Termination. This Agreement may be terminated by any Purchaser, as to such Purchaser's obligations hereunder only and without any effect whatsoever on the obligations between the Company and the other Purchasers, by written notice to the other parties, if the Closing has not been consummated on or before the fifth (5th) Trading Day following the date hereof; provided, however, that no such termination will affect the right of any party to sue for any breach by any other party (or parties).

5.2 Fees and Expenses. At the Closing, the Company shall reimburse the Purchasers for all reasonable and documented out-of-pocket fees and expenses, including without limitation with respect to Purchaser's advisors, legal counsel, accountants and other experts, if any, and all other reasonable and documented expenses incurred by them incident to the negotiation, preparation, and execution, of this Agreement and the transactions contemplated hereby. The Company shall pay all Transfer Agent fees, stamp taxes and other taxes and duties levied in connection with the delivery of the Purchased Shares to the Purchasers.

5.3 Entire Agreement. This Agreement contains the entire understanding of the parties with respect to the subject matter hereof and supersedes all prior agreements and understandings, oral or written, with respect to such matters, which the parties acknowledge have been merged into this Agreement.

5.4 Notices. Any and all notices or other communications or deliveries required or permitted to be provided hereunder shall be in writing and shall be deemed given and effective on the earliest of: (a) the time of transmission, if such notice or communication is delivered via facsimile at the facsimile number or email attachment at the email address as set forth on the signature pages attached hereto at or prior to 5:30 p.m. (New York City time) on a Trading Day, (b) the next Trading Day after the time of transmission, if such notice or communication is

delivered via facsimile at the facsimile number or email attachment at the email address as set forth on the signature pages attached hereto on a day that is not a Trading Day or later than 5:30 p.m. (New York City time) on any Trading Day, (c) the second (2<sup>nd</sup>) Trading Day following the date of mailing, if sent by U.S. nationally recognized overnight courier service or (d) upon actual receipt by the party to whom such notice is required to be given. The address for such notices and communications shall be as set forth on the signature pages attached hereto. To the extent that any notice provided pursuant to this Agreement constitutes, or contains, material, non-public information regarding the Company or its Subsidiaries, the Company shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K.

5.5 Amendments; Waivers. No provision of this Agreement may be waived, modified, supplemented or amended except in a written instrument signed, in the case of an amendment, by the Company and the Purchasers, in the case of a waiver, by the party against whom enforcement of any such waived provision is sought. No waiver of any default with respect to any provision, condition or requirement of this Agreement shall be deemed to be a continuing waiver in the future or a waiver of any subsequent default or a waiver of any other provision, condition or requirement hereof, nor shall any delay or omission of any party to exercise any right hereunder in any manner impair the exercise of any such right. Any amendment effected in accordance with this Section 5.5 shall be binding upon the Purchasers and the Company.

5.6 Headings. The headings herein are for convenience only, do not constitute a part of this Agreement and shall not be deemed to limit or affect any of the provisions hereof.

5.7 Successors and Assigns. This Agreement shall be binding upon and inure to the benefit of the parties and their successors and permitted assigns. The Company may not assign this Agreement or any rights or obligations hereunder without the prior written consent of each Purchaser (other than by merger). Any Purchaser may assign any or all of its rights under this Agreement to any Person to whom such Purchaser assigns or transfers any Purchased Shares, provided that such transferee agrees in writing to be bound, with respect to the transferred Purchased Shares, by the provisions of the Agreement that apply to the "Purchasers."

5.8 No Third-Party Beneficiaries. This Agreement is intended for the benefit of the parties hereto and their respective successors and permitted assigns and is not for the benefit of, nor may any provision hereof be enforced by, any other Person.

5.9 Governing Law. All questions concerning the construction, validity, enforcement and interpretation of this Agreement shall be governed by and construed and enforced in accordance with the laws of the State of New York, without regard to the principles of conflicts of law thereof. Each party agrees that all legal Proceedings concerning the interpretations, enforcement and defense of the transactions contemplated by this Agreement (whether brought against a party hereto or its respective Affiliates, directors, officers, stockholders, partners, members, employees or agents) shall be commenced exclusively in the state and federal courts sitting in the City of New York, borough of Manhattan. Each party 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 with any transaction contemplated hereby or discussed herein (including with respect to the enforcement of this Agreement), and hereby irrevocably waives, and agrees not to assert in any Action or

Proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such Action or Proceeding is improper or is an inconvenient venue for such Proceeding. Each party hereby irrevocably waives personal service of process and consents to process being served in any such Action or Proceeding by mailing a copy thereof via registered or certified mail or overnight delivery (with evidence of delivery) to such party at the address in effect for 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 other manner permitted by law. If any party shall commence an Action or Proceeding to enforce any provisions of this Agreement, then the prevailing party in such Action or Proceeding shall be reimbursed by the non-prevailing party for its reasonable attorneys' fees and other costs and expenses incurred with the investigation, preparation and prosecution of such Action or Proceeding.

5.10 Execution. This Agreement may be executed in two or more counterparts, all of which when taken together shall be considered one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to each other party, it being understood that the parties need not sign the same counterpart. In the event that any signature is delivered by facsimile transmission or by e-mail delivery of a ".pdf" format data file, such signature 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 facsimile or ".pdf" signature page were an original thereof.

5.11 Severability. If any term, provision, covenant or restriction of this Agreement is held by a court of competent jurisdiction to be invalid, illegal, void or unenforceable, the remainder of the terms, provisions, covenants and restrictions set forth herein shall remain in full force and effect and shall in no way be affected, impaired or invalidated, and the parties hereto shall use their commercially reasonable efforts to find and employ an alternative means to achieve the same or substantially the same result as that contemplated by such term, provision, covenant or restriction. It is hereby stipulated and declared to be the intention of the parties that they would have executed the remaining terms, provisions, covenants and restrictions without including any of such that may be hereafter declared invalid, illegal, void or unenforceable.

5.12 Remedies. In addition to being entitled to exercise all rights provided herein or granted by law, including recovery of damages, each of the Purchasers and the Company will be entitled to specific performance under this Agreement. The parties agree that monetary damages may not be adequate compensation for any loss incurred by reason of any breach of obligations contained in this Agreement and hereby agree to waive and not to assert in any Action for specific performance of any such obligation the defense that a remedy at law would be adequate.

5.13 Saturdays, Sundays, Holidays, etc. If the last or appointed day for the taking of any action or the expiration of any right required or granted herein shall not be a Business Day, then such action may be taken or such right may be exercised on the next succeeding Business Day.

5.14 Construction. The parties agree that each of them and/or their respective counsel have reviewed and had an opportunity to revise this Agreement and, therefore, the normal rule of construction to the effect that any ambiguities are to be resolved against the drafting party shall not be employed in the interpretation of this Agreement or any amendments thereto. In addition, each and every reference to share prices and Common Shares in this Agreement shall be subject to adjustment for reverse and forward stock splits, stock dividends, stock combinations and other similar transactions of the Common Shares that occur after the date of this Agreement.

5.15 **WAIVER OF JURY TRIAL. IN ANY ACTION, SUIT, OR PROCEEDING IN ANY JURISDICTION BROUGHT BY ANY PARTY AGAINST ANY OTHER PARTY, THE PARTIES EACH KNOWINGLY AND INTENTIONALLY, TO THE GREATEST EXTENT PERMITTED BY APPLICABLE LAW, HEREBY ABSOLUTELY, UNCONDITIONALLY, IRREVOCABLY AND EXPRESSLY WAIVES FOREVER TRIAL BY JURY.**

*(Signature Pages Follow)*

IN WITNESS WHEREOF, the parties hereto have caused this Securities Purchase Agreement to be duly executed by their respective authorized signatories as of the date first indicated above.

Address for Notice:

By: \_\_\_\_\_  
Name:  
Title:



## AlloVir Announces \$126.6 Million Registered Direct Offering

*Proceeds Support the Completion of Three Global Phase 3 Registrational Trials for Posoleucel and Global Regulatory Filings*

**Waltham, Mass., July 27, 2022** – AlloVir, Inc. (Nasdaq: ALVR), a late clinical-stage allogeneic T-cell immunotherapy company, today announced that it has entered into a securities purchase agreement with a group of institutional and strategic investors to sell 27,458,095 shares of common stock (the “Shares”) in a registered direct offering at a purchase price of \$4.61 per share. Gross proceeds from the offering will equal approximately \$126.6 million. The offering is expected to close on or about July 28, 2022, subject to the satisfaction of customary closing conditions.

The offering is being made without an underwriter or placement agent and includes participation from new and existing investors, including Kite, a Gilead Company (Nasdaq: GILD); F2 Ventures; ElevateBio, LLC; Invus; Redmile Group, LLC; EcoR1 Capital, LLC; and GMT Capital Corp.

“We are thrilled with the quality of the new and existing long-term investors who through this financing continue to support the acceleration of AlloVir’s highly innovative multi-virus specific T-cell therapy platform and the advancement of our lead cell therapy candidate, posoleucel. The additional proceeds will enable the completion of our three ongoing global Phase 3 registrational trials of posoleucel for the treatment and prevention of serious and life-threatening infections caused by six devastating viruses in immunocompromised patients,” said Diana Brainard, M.D., Chief Executive Officer, AlloVir.

AlloVir intends to use the net proceeds from the offering, together with existing cash, cash equivalents and investments, to complete enrollment and achieve data readouts in all three of the Company’s ongoing Phase 3 trials of its lead multi-virus specific T-cell therapy candidate, posoleucel, for the continued advancement of manufacturing processes to support regulatory submissions, for other research and development activities for its product candidates, and for general corporate purposes. As of June 30, 2022, AlloVir’s cash, cash equivalents and short-term investments equaled \$172.7 million.

The Shares were offered pursuant to a shelf registration statement that was previously filed with the U.S. Securities and Exchange Commission (the “SEC”) on August 6, 2021 (File No. 333-258539), as amended and declared effective by the SEC on February 28, 2022. A final prospectus supplement containing additional information relating to the offering, will be filed with the SEC and will be available on the SEC’s website at [www.sec.gov](http://www.sec.gov).

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

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**About AlloVir**

AlloVir is a leading late clinical-stage cell therapy company with a focus on restoring natural immunity against life-threatening viral diseases in pediatric and adult patients with weakened immune systems. The company's innovative and proprietary technology platforms leverage off-the-shelf, allogeneic, single- and multi-virus-specific T-cells for patients with T-cell deficiencies who are at risk from the life-threatening consequences of viral diseases. AlloVir's technology and manufacturing process enable the potential for the treatment and prevention of a spectrum of devastating viruses with each single allogeneic cell therapy. The company is advancing multiple mid- and late-stage clinical trials across its product portfolio. For more information, visit <http://www.allovir.com> or follow us on [Twitter](#) or [LinkedIn](#).

**Forward-Looking Statements**

This press release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, as amended, including, without limitation, statements regarding AlloVir's anticipated use of net proceeds from the offering and cash availability following the offering, statements regarding the completion and timing of the offering, development and regulatory status of AlloVir's product candidates, the planned conduct of its preclinical studies, and clinical trials and its prospects for success in those studies and trials, and its strategy, business plans and focus. The words "may," "will," "could," "would," "should," "expect," "plan," "anticipate," "intend," "believe," "estimate," "predict," "project," "potential," "continue," "target" and similar expressions are intended to identify forward-looking statements, although not all forward-looking statements contain these identifying words. Any forward-looking statements in this press release are based on management's current expectations and beliefs and are subject to a number of risks, uncertainties, and important factors that may cause actual events or results to differ materially from those expressed or implied by any forward-looking statements contained in this press release, including, without limitation, those related to AlloVir's financial results, the timing and successful completion of the registered offering of AlloVir's common stock, the timing for the initiation and successful completion of AlloVir's clinical trials of its product candidates, whether and when, if at all, AlloVir's product candidates will receive approval from the U.S. Food and Drug Administration, or FDA, or other foreign regulatory authorities, competition from other biopharmaceutical companies, the impact of the COVID-19 pandemic on AlloVir's product development plans, supply chain, and business operations and other risks identified in AlloVir's SEC filings, including but not limited to the risks discussed in AlloVir's Annual Report on Form 10-K for the year ended December 31, 2021 and in our other filings with the SEC. AlloVir cautions you not to place undue reliance on any forward-looking statements, which speak only as of the date they are made. AlloVir disclaims any obligation to publicly update or revise any such statements to reflect any change in expectations or in events, conditions, or circumstances on which any such statements may be based, or that may affect the likelihood that actual results will differ from those set forth in the forward-looking statements. Any forward-looking statements contained in this press release represent AlloVir's views only as of the date hereof and should not be relied upon as representing its views as of any subsequent date.

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