

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

FORM 8-K

CURRENT REPORT

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

Date of Report (Date of earliest event reported): February 26, 2024

Pyxis Oncology, Inc.

(Exact name of Registrant as Specified in Its Charter)

Delaware
(State or Other Jurisdiction
of Incorporation)

001-40881
(Commission File Number)

83-1160910
(IRS Employer
Identification No.)

321 Harrison Avenue
Boston, Massachusetts
(Address of Principal Executive Offices)

02118
(Zip Code)

Registrant's Telephone Number, Including Area Code: 617-221-9059

(Former Name or Former Address, if Changed Since Last Report)

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

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

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

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.001 per share	PYXS	The 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.

Item 1.01 Entry into a Material Definitive Agreement.

Securities Purchase Agreement

On February 26, 2024, Pyxis Oncology, Inc. (the “Company”) entered into a securities purchase agreement (the “Securities Purchase Agreement”) for a private placement (the “Private Placement”) with certain institutional and accredited investors (each, a “Purchaser” and collectively, the “Purchasers”).

Pursuant to the Securities Purchase Agreement, the Company agreed to issue and sell to the Purchasers an aggregate of (i) 8,849,371 shares (the “Shares”) of the Company’s common stock, par value \$0.001 per share (the “Common Stock”), at a purchase price of \$4.78 per share, and (ii) pre-funded warrants (the “Pre-Funded Warrants”) to purchase up to an aggregate of 1,611,215 shares of Common Stock (the “Pre-Funded Warrant Shares”) at a purchase price of \$4.779 per Pre-Funded Warrant, which represents the per share purchase price of the Shares less the \$0.001 per share exercise price for each Pre-Funded Warrant. The Pre-Funded Warrants will be exercisable at any time after the date of issuance and will not expire.

Leerink Partners LLC acted as the lead placement agent and LifeSci Capital LLC acted as co-placement agent for the Private Placement. The Company has agreed to pay customary placement fees and reimburse certain expenses of the placement agents.

The Private Placement is expected to close on February 29, 2024, subject to customary closing conditions. The Company anticipates the gross proceeds from the Private Placement to be approximately \$50 million, before deducting placement agent fees and offering expenses. The Company intends to use the net proceeds from this proposed financing for working capital and general corporate purposes.

The foregoing descriptions of the Securities Purchase Agreement and the Pre-Funded Warrants do not purport to be complete and are qualified in their entirety by reference to such agreements, copies of which are filed as Exhibits 10.1 and 4.1 hereto, respectively, and incorporated by reference herein.

Registration Rights Agreement

On February 26, 2024, the Company entered into a registration rights agreement (the “Registration Rights Agreement”) with the Purchasers, pursuant to which the Company agreed to register for resale the Shares and the Pre-Funded Warrant Shares held by the Purchasers (the “Registrable Securities”). Under the Registration Rights Agreement, the Company has agreed to prepare and file a registration statement with the U.S. Securities and Exchange Commission (the “SEC”), covering the resale of the Registrable Securities by no later than March 27, 2024 (the “Filing Deadline”). The Company has also agreed to use reasonable efforts to cause such registration statement to become effective as soon as practicable, but in any event no later than the earlier of (i) the fifth calendar day following the filing of the registration statement or (ii) the 75th day following the filing of the registration statement in the event of a “review” by the SEC (the “Effectiveness Deadline”). The Company also agreed to use reasonable efforts to keep such registration statement effective until the earlier of (i) the date on which all Registrable Securities covered by the registration statement have been sold or otherwise disposed of pursuant to the registration statement or in a transaction in which the transferee receives freely tradeable shares or (ii) the date on which the Registrable Securities no longer constitute “Registrable Securities” pursuant to the definition outlined in the Registration Rights Agreement. The Company has agreed to be responsible for all fees and expenses incurred in connection with the registration of the Registrable Securities. In addition, certain liquidated damages provisions will apply to the Company in the event of registration failures, as described in the Registration Rights Agreement.

The Company has granted the Purchasers customary indemnification rights in connection with the registration statement. The Purchasers have also granted the Company customary indemnification rights in connection with the registration statement.

The foregoing description of the Registration Rights Agreement does not purport to be complete and is qualified in its entirety by reference to the full text of the form of the Registration Rights Agreement, which is attached hereto as Exhibit 10.2 and incorporated herein by reference.

Item 3.02 Unregistered Sales of Equity Securities.

To the extent required by Form 8-K, the disclosures in Item 1.01 above are incorporated herein by reference. The securities to be issued and sold to the Purchasers under the Securities Purchase Agreement are not registered under the Securities Act of 1933, as amended (the “Securities Act”), and are being sold in reliance on the exemption from registration provided by Section 4(a)(2) of the Securities Act and/or Rule 506 of Regulation D promulgated thereunder. The Company relied on this exemption from registration based in part on representations made by the Purchasers. The securities may not be offered or sold in the United States absent registration or an applicable exemption from registration requirements.

Neither this Current Report on Form 8-K nor any exhibit attached hereto is an offer to sell or the solicitation of an offer to buy shares of common stock or other securities of the Company.

Item 7.01 Regulation FD Disclosure.

On February 27, 2024, the Company issued a press release announcing the Private Placement. A copy of this press release is attached as Exhibit 99.1 to this Current Report on Form 8-K.

The information contained in this Item 7.01, including Exhibit 99.1, shall not be deemed “filed” for purposes of Section 18 of the Securities Exchange Act of 1934, as amended, or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference into any of the Company’s filing with the SEC made by the Company, regardless of any general incorporation language in such filings, except to the extent expressly set forth by reference in such filing.

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

<u>Exhibit No.</u>	<u>Description</u>
4.1	Form of Pre-Funded Warrant
10.1*	Securities Purchase Agreement, dated February 26, 2024, by and among Pyxis Oncology, Inc. and each of the purchasers as party thereto
10.2	Form of Registration Rights Agreement
99.1	Press Release dated February 27, 2024
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

* Certain schedules and exhibits have been omitted pursuant to Item 601(a)(5) of Regulation S-K. A copy of any omitted schedule and/or exhibit will be furnished to the SEC upon request.

SIGNATURES

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

Pyxis Oncology, Inc.

Date: February 28, 2024

By: /s/ Pamela Connealy

Pamela Connealy

Chief Financial Officer and Chief Operating Officer

NEITHER THIS SECURITY NOR THE SECURITIES FOR WHICH THIS SECURITY IS EXERCISABLE HAVE BEEN REGISTERED WITH THE SECURITIES AND EXCHANGE COMMISSION OR THE SECURITIES COMMISSION OF ANY STATE IN RELIANCE UPON AN EXEMPTION FROM REGISTRATION UNDER THE SECURITIES ACT OF 1933, AS AMENDED (THE “SECURITIES ACT”), AND, ACCORDINGLY, MAY NOT BE OFFERED OR SOLD EXCEPT PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT UNDER THE SECURITIES ACT OR PURSUANT TO AN AVAILABLE EXEMPTION FROM, OR IN A TRANSACTION NOT SUBJECT TO, THE REGISTRATION REQUIREMENTS OF THE SECURITIES ACT AND IN ACCORDANCE WITH APPLICABLE STATE SECURITIES LAWS. THIS SECURITY AND THE SECURITIES ISSUABLE UPON EXERCISE OF THIS SECURITY MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT OR OTHER LOAN SECURED BY SUCH SECURITIES.

PRE-FUNDED COMMON STOCK PURCHASE WARRANT

PYXIS ONCOLOGY, INC.

Warrant Shares: _____

Issue Date: [●], 2024

THIS PRE-FUNDED COMMON STOCK PURCHASE WARRANT (the “Warrant”) certifies that, for value received, [●] or its assigns (the “Holder”) is entitled, upon the terms and subject to the limitations on exercise and the conditions hereinafter set forth, at any time on or after the date hereof (the “Initial Exercise Date”) and until this Warrant is exercised in full (the “Termination Date”) but not thereafter, to subscribe for and purchase from Pyxis Oncology, Inc., a Delaware corporation (the “Company”), up to _____ shares of common stock, par value \$0.001 per share (the “Common Stock”) (as subject to adjustment hereunder, the “Warrant Shares”). The purchase price of one share of Common Stock under this Warrant shall be equal to the Exercise Price, as defined in Section 2(b). The Warrant is being issued pursuant to that certain Securities Purchase Agreement, dated as of [●], 2024, among the Company and the purchasers signatory thereto, as amended and/or restated from time to time (the “Purchase Agreement”). Capitalized terms used and not otherwise defined herein shall have the meanings set forth in the Purchase Agreement.

Section 1. Definitions. In addition to the terms defined elsewhere in this Warrant, the following terms have the meanings indicated in this Section 1:

“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.

“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 banking institutions in the State of New York are authorized or required by law or other governmental action to close.

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

“Common Stock Equivalents” means any securities of the Company or its subsidiaries, which would entitle the holder thereof to acquire at any time shares of Common Stock, including, without limitation, any debt, preferred stock, right, option, warrant or other instrument that is at any time convertible into or exercisable or exchangeable for, or otherwise entitles the holder thereof to receive, Common Stock.

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

“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.

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

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

“Trading Market” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: the NYSE American, the Nasdaq Capital Market, the Nasdaq Global Market, the Nasdaq Global Select Market, the New York Stock Exchange, OTCQB or OTCQX (or any successors to any of the foregoing).

“Transfer Agent” means Broadridge Corporate Issuer Solutions, Inc., the current transfer agent of the Company, with a mailing address of 51 Mercedes Way, Edgewood, NY 11717, and any successor transfer agent of the Company.

Section 2. Exercise.

- a) Exercise of Warrant. Exercise of the purchase rights represented by this Warrant may be made, in whole or in part, at any time or times on or after the Initial Exercise Date and on or before the Termination Date by delivery to the Company of a duly executed PDF copy submitted by e-mail (or e-mail attachment) of the Notice of Exercise in the form annexed hereto (the “Notice of Exercise”). Within the earlier of (i) two (2) Trading Days and (ii) the number of Trading Days comprising the Standard Settlement Period (as defined in Section 2(d)(i) herein) following the date of exercise as aforesaid, the Holder shall deliver the aggregate Exercise Price for the Warrant Shares specified in the applicable Notice of Exercise by wire transfer or cashier’s check drawn on a United States bank unless the cashless exercise procedure specified in Section 2(c) below is specified in the applicable Notice of Exercise. No ink-original Notice of Exercise shall be required, nor shall any medallion guarantee (or other type of guarantee or notarization) of any Notice of Exercise be required. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Warrant to the Company until the Holder has purchased all of the Warrant Shares available hereunder and the Warrant has been exercised in full, in which case, the Holder shall surrender this Warrant to the Company for cancellation within three (3) Trading Days of the date on which the final Notice of Exercise is delivered to the Company. Partial exercises of this Warrant resulting in purchases of a portion of the total number of Warrant Shares available hereunder shall have

the effect of lowering the outstanding number of Warrant Shares purchasable hereunder in an amount equal to the applicable number of Warrant Shares purchased. The Holder and the Company shall maintain records showing the number of Warrant Shares purchased and the date of such purchases. The Company shall deliver any objection to any Notice of Exercise within one (1) Trading Day of receipt of such notice. The Holder and any assignee, by acceptance of this Warrant, acknowledge and agree that, by reason of the provisions of this paragraph, following the purchase of a portion of the Warrant Shares hereunder, the number of Warrant Shares available for purchase hereunder at any given time may be less than the amount stated on the face hereof.

- b) Exercise Price. The aggregate exercise price of this Warrant, except for a nominal exercise price of \$0.001 per Warrant Share, was pre-funded to the Company on or prior to the Initial Exercise Date and, consequently, no additional consideration (other than the nominal exercise price of \$0.001 per Warrant Share) shall be required to be paid by the Holder to any Person to effect any exercise of this Warrant. The Holder shall not be entitled to the return or refund of all, or any portion, of such pre-paid aggregate exercise price under any circumstance or for any reason whatsoever, including in the event this Warrant shall not have been exercised prior to the Termination Date. The remaining unpaid exercise price per share of Common Stock under this Warrant shall be \$0.001, subject to adjustment hereunder (the "Exercise Price").
- c) Cashless Exercise. If at any time after the Initial Exercise Date, there is no effective registration statement registering, or no current prospectus available for, the issuance or resale of the Warrant Shares to the Holder, then this Warrant may also be exercised, in whole or in part, at such time by means of a "cashless exercise" in which the Holder shall be entitled to receive a number of Warrant Shares equal to the quotient obtained by dividing $[(A-B)*(X)]$ by (A), where:

(A) = as applicable: (i) the VWAP on the Trading Day immediately preceding the date of the applicable Notice of Exercise if such Notice of Exercise is (1) both executed and delivered pursuant to Section 2(a) hereof on a day that is not a Trading Day or (2) both executed and delivered pursuant to Section 2(a) hereof on a Trading Day prior to the opening of "regular trading hours" (as defined in Rule 600(b) of Regulation NMS promulgated under the federal securities laws) on such Trading Day, (ii) at the option of the Holder, either (y) the VWAP on the Trading Day immediately preceding the date of the applicable Notice of Exercise or (z) the Bid Price of the Common Stock on the principal Trading Market as reported by Bloomberg L.P. as of the time of the Holder's execution of the applicable Notice of Exercise if such Notice of Exercise is executed during "regular trading hours" on a Trading Day and is delivered within two (2) hours thereafter (including until two (2) hours after the close of "regular trading hours" on a Trading Day) pursuant to Section 2(a) hereof or (iii) the VWAP on the date of the applicable Notice of Exercise if the date of such Notice of Exercise is a Trading Day and such Notice of Exercise is both executed and delivered pursuant to Section 2(a) hereof after the close of "regular trading hours" on such Trading Day;

(B) = the Exercise Price, as adjusted hereunder; and

(X) = the number of Warrant Shares that would be issuable upon exercise of this Warrant in accordance with the terms of this Warrant if such exercise were by means of a cash exercise rather than a cashless exercise.

“Bid Price” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on a Trading Market, the bid price of the Common Stock for the time in question (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg L.P. (based on a Trading Day from 9:30 a.m. (Eastern time) to 4:02 p.m. (Eastern time)), (b) if OTCQB or OTCQX is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is not then listed or quoted for trading on OTCQB or OTCQX and if prices for the Common Stock are then reported in the “Pink Sheets” published by OTC Markets Group, Inc. (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of Common Stock so reported, or (d) in all other cases, the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by the Holders of a majority in interest of the Securities then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

“VWAP” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on a Trading Market, the daily volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the Trading Market on which the Common Stock is then listed or quoted as reported by Bloomberg L.P. (based on a Trading Day from 9:30 a.m. (Eastern time) to 4:02 p.m. (Eastern time)), (b) if OTCQB or OTCQX is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is not then listed or quoted for trading on OTCQB or OTCQX and if prices for the Common Stock are then reported in the “Pink Sheets” published by OTC Markets Group, Inc. (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of the Common Stock so reported, or (d) in all other cases, the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by the Holders of a majority in interest of the Securities then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

d) Mechanics of Exercise.

- i. Delivery of Warrant Shares Upon Exercise. The Company shall cause the Warrant Shares purchased hereunder to be transmitted by the Transfer Agent to the Holder by crediting the account of the Holder's or its designee's balance account with The Depository Trust Company through its Deposit or Withdrawal at Custodian system ("DWAC") if the Company is then a participant in such system and either (A) there is an effective registration statement permitting the issuance of the Warrant Shares to or resale of the Warrant Shares by Holder or (B) this Warrant is being exercised via cashless exercise, and otherwise by physical delivery of a certificate, registered in the Company's share register in the name of the Holder or its designee, for the number of Warrant Shares to which the Holder is entitled pursuant to such exercise to the address specified by the Holder in the Notice of Exercise by the date that is the earlier of (i) two (2) Trading Days and (ii) the number of Trading Days comprising the Standard Settlement Period after the delivery to the Company of the Notice of Exercise (such date, the "Warrant Share Delivery Date"). Upon delivery of the Notice of Exercise, the Holder shall be deemed for all corporate purposes to have become the holder of record of the Warrant Shares with respect to which this Warrant has been exercised, irrespective of the date of delivery of the Warrant Shares, provided that payment of the aggregate Exercise Price (other than in the case of a cashless exercise) is received within the earlier of (i) two (2) Trading Days and (ii) the number of Trading Days comprising the Standard Settlement Period following delivery of the Notice of Exercise. If the Company fails for any reason to deliver to the Holder the Warrant Shares subject to a Notice of Exercise by the Warrant Share Delivery Date and the Exercise Price has been paid in full (other than in the case of a cashless exercise), the Company shall pay to the Holder, in cash, as liquidated damages and not as a penalty, for each \$1,000 of Warrant Shares subject to such exercise (based on the VWAP of the Common Stock on the date of the applicable Notice of Exercise), \$10 per Trading Day (increasing to \$20 per Trading Day on the fifth Trading Day after such liquidated damages begin to accrue) for each Trading Day after such Warrant Share Delivery Date until such Warrant Shares are delivered or Holder rescinds such exercise. The Company agrees to maintain a transfer agent that is a participant in the FAST program so long as this Warrant remains outstanding and exercisable. As used herein, "Standard Settlement Period" means the standard settlement period, expressed in a number of Trading Days, on the Company's primary Trading Market with respect to the Common Stock as in effect on the date of delivery of the Notice of Exercise.
- ii. Delivery of New Warrants Upon Exercise. If this Warrant shall have been exercised in part, the Company shall, at the request of a Holder and upon surrender of this Warrant certificate, at the time of delivery of the Warrant Shares, deliver to the Holder a new Warrant evidencing the rights of the Holder to purchase the unpurchased Warrant Shares called for by this Warrant, which new Warrant shall in all other respects be identical with this Warrant.

- iii. Rescission Rights. If the Company fails to cause the Transfer Agent to transmit to the Holder the Warrant Shares pursuant to Section 2(d)(i) by the Warrant Share Delivery Date, then the Holder will have the right to rescind such exercise, including in the event of a Buy-In (as defined below), as described in Section 2(d)(iv) below.
- iv. Compensation for Buy-In on Failure to Timely Deliver Warrant Shares Upon Exercise. In addition to any other rights available to the Holder, if the Company fails to cause the Transfer Agent to transmit to the Holder the Warrant Shares in accordance with the provisions of Section 2(d)(i) above pursuant to an exercise on or before the Warrant Share Delivery Date, and if after such date the Holder is required by its broker to purchase (in an open market transaction or otherwise) or the Holder's brokerage firm otherwise purchases, shares of Common Stock to deliver in satisfaction of a sale by the Holder of the Warrant Shares which the Holder anticipated receiving upon such exercise (a "Buy-In"), then the Company shall (A) pay in cash to the Holder the amount, if any, by which (x) the Holder's total purchase price (including brokerage commissions, if any) for the shares of Common Stock so purchased exceeds (y) the amount obtained by multiplying (1) the number of Warrant Shares that the Company was required to deliver to the Holder in connection with the exercise at issue times (2) the price at which the sell order giving rise to such purchase obligation was executed, and (B) at the option of the Holder (pursuant to notice to be sent by the Holder to the Company within ten (10) days following the Warrant Share Delivery Date; if such notice is not provided by that date, the Company shall instead have the right to decide), either reinstate the portion of the Warrant and equivalent number of Warrant Shares for which such exercise was not honored (in which case such exercise shall be deemed rescinded) or deliver to the Holder the number of shares of Common Stock that would have been issued had the Company timely complied with its exercise and delivery obligations hereunder. For example, if the Holder purchases Common Stock having a total purchase price of \$11,000 to cover a Buy-In with respect to an attempted exercise of shares of Common Stock with an aggregate sale price giving rise to such purchase obligation of \$10,000, under clause (A) of the immediately preceding sentence the Company shall be required to pay the Holder \$1,000. The Holder shall provide the Company written notice indicating the amounts payable to the Holder in respect of the Buy-In and, upon request of the Company, evidence of the amount of such loss. Nothing herein shall limit a Holder's right to pursue any other remedies available to it hereunder, at law or in equity including, without limitation, a decree of specific performance and/or injunctive relief with respect to the Company's failure to timely deliver shares of Common Stock upon exercise of the Warrant as required pursuant to the terms hereof.

- v. No Fractional Shares or Scrip. No fractional shares or scrip representing fractional shares shall be issued upon the exercise of this Warrant. As to any fraction of a share which the Holder would otherwise be entitled to purchase upon such exercise, the Company shall, at its election, either pay a cash adjustment in respect of such final fraction in an amount equal to such fraction multiplied by the Exercise Price or round up to the next whole share.
 - vi. Charges, Taxes and Expenses. Issuance of Warrant Shares shall be made without charge to the Holder for any issue or transfer tax or other incidental expense in respect of the issuance of such Warrant Shares, all of which taxes and expenses shall be paid by the Company, and such Warrant Shares shall be issued in the name of the Holder or in such name or names as may be directed by the Holder; provided, however, that in the event that Warrant Shares are to be issued in a name other than the name of the Holder, this Warrant when surrendered for exercise shall be accompanied by the Assignment Form attached hereto duly executed by the Holder and the Company may require, as a condition thereto, the payment of a sum sufficient to reimburse it for any transfer tax incidental thereto. The Company shall pay all Transfer Agent fees required for same-day processing of any Notice of Exercise and all fees to the Depository Trust Company (or another established clearing corporation performing similar functions) required for same-day electronic delivery of the Warrant Shares.
 - vii. Closing of Books. The Company will not close its stockholder books or records in any manner which prevents the timely exercise of this Warrant, pursuant to the terms hereof.
- e) Holder's Exercise Limitations. The Company shall not effect any exercise of this Warrant, and a Holder shall not have the right to exercise any portion of this Warrant, pursuant to Section 2 or otherwise (except as contemplated in Section 3(e)), to the extent that after giving effect to such issuance after exercise as set forth on the applicable Notice of Exercise, the Holder (together with the Holder's Affiliates, and any other Persons acting as a group together with the Holder or any of the Holder's Affiliates (such Persons, "Attribution Parties")), would beneficially own in excess of the Beneficial Ownership Limitation (as defined below). For purposes of the foregoing sentence, the number of shares of Common Stock beneficially owned by the Holder and its Affiliates and Attribution Parties shall include the number of shares of Common Stock issuable upon exercise of this Warrant with respect to which such determination is being made, but shall exclude the number of shares of Common Stock which would be issuable upon (i) exercise of the remaining, nonexercised portion of this Warrant beneficially owned by the Holder or any of its Affiliates or Attribution Parties and (ii) exercise or conversion of the unexercised or nonconverted portion of any other securities of the Company (including, without limitation, any other Common Stock Equivalents) subject to a limitation on conversion or exercise analogous to the limitation contained herein beneficially owned by the Holder or any of its Affiliates or Attribution Parties. Except as set forth in the preceding sentence, for purposes of this Section 2(e), beneficial ownership shall be calculated in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder, it being acknowledged by the Holder that the Company is not

representing to the Holder that such calculation is in compliance with Section 13(d) of the Exchange Act and the Holder is solely responsible for any schedules required to be filed in accordance therewith. To the extent that the limitation contained in this Section 2(e) applies, the determination of whether this Warrant is exercisable (in relation to other securities owned by the Holder together with any Affiliates and Attribution Parties) and of which portion of this Warrant is exercisable shall be in the sole discretion of the Holder, and the submission of a Notice of Exercise shall be deemed to be the Holder's determination of whether this Warrant is exercisable (in relation to other securities owned by the Holder together with any Affiliates and Attribution Parties) and of which portion of this Warrant is exercisable, in each case subject to the Beneficial Ownership Limitation, and the Company shall have no obligation to verify or confirm the accuracy of such determination. In addition, a determination as to any group status as contemplated above shall be determined in accordance with Section 13(d) of the Exchange Act and the rules and regulations promulgated thereunder. For purposes of this Section 2(e), in determining the number of outstanding shares of Common Stock, a Holder may rely on the number of outstanding shares of Common Stock as reflected in (A) the Company's most recent periodic or annual report filed with the Commission, as the case may be, (B) a more recent public announcement by the Company or (C) a more recent written notice by the Company or the Transfer Agent setting forth the number of shares of Common Stock outstanding. Upon the written or oral request of a Holder, the Company shall within one (1) Trading Days confirm orally and in writing to the Holder the number of shares of Common Stock then outstanding. In any case, the number of outstanding shares of Common Stock shall be determined after giving effect to the conversion or exercise of securities of the Company, including this Warrant, by the Holder or its Affiliates or Attribution Parties since the date as of which such number of outstanding shares of Common Stock was reported. The "Beneficial Ownership Limitation" shall be 9.99% of the number of shares of Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock issuable upon exercise of this Warrant. The Holder, upon notice to the Company, may increase or decrease the Beneficial Ownership Limitation provisions of this Section 2(e), provided that the Beneficial Ownership Limitation in no event exceeds 9.99% of the number of the shares of Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock upon exercise of this Warrant held by the Holder and the provisions of this Section 2(e) shall continue to apply. Any increase in the Beneficial Ownership Limitation will not be effective until the 61st day after such notice is delivered to the Company. The provisions of this paragraph shall be construed and implemented in a manner otherwise than in strict conformity with the terms of this Section 2(e) to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended Beneficial Ownership Limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such limitation. The limitations contained in this paragraph shall apply to a successor holder of this Warrant.

Notwithstanding anything to the contrary in this Warrant or otherwise (except as contemplated in Section 3(e)), prior to obtaining Stockholder Approval (as defined in the Purchase Agreement), the Company shall not be required to effect any exercise of this Warrant, and a Holder shall not have the right to exercise any portion of this Warrant, pursuant to this Section 2 or otherwise, if the Company determines in good faith that such exercise would result in requiring a vote of the Company's stockholders pursuant to the applicable rules of the Trading Market, including, without limitation because such exercise (1) would result in the Holder and its Affiliates and Attribution Parties beneficially owning (x) in excess of 19.99% of the number of shares of Common Stock outstanding immediately after giving effect to the issuance of shares of Common Stock upon exercise of this Warrant and (y) the largest ownership position in the Company, or (2) would otherwise result in a "change of control" of the Company as defined under the rules of the Trading Market.

Section 3. Certain Adjustments.

- a) Stock Dividends and Splits. If the Company, at any time while this Warrant is outstanding: (i) pays a stock dividend or otherwise makes a distribution or distributions on shares of its Common Stock or any other equity or equity equivalent securities payable in shares of Common Stock (which, for avoidance of doubt, shall not include any shares of Common Stock issued by the Company upon exercise of this Warrant), (ii) subdivides outstanding shares of Common Stock into a larger number of shares, (iii) combines (including by way of reverse stock split) outstanding shares of Common Stock into a smaller number of shares or (iv) issues by reclassification of shares of Common Stock any shares of capital stock of the Company, then in each case the Exercise Price shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock (excluding treasury shares, if any) outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event, and the number of shares issuable upon exercise of this Warrant shall be proportionately adjusted such that the aggregate Exercise Price of this Warrant shall remain unchanged, provided that the Exercise Price per share shall in any case be no lower than the par value of the Common Stock. Any adjustment made pursuant to this Section 3(a) shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution and shall become effective immediately after the effective date in the case of a subdivision, combination or re-classification.
- b) Voluntary Adjustment By Company. The Company may at any time during the term of this Warrant reduce the then current Exercise Price of this Warrant to any amount and for any period of time deemed appropriate by the board of directors of the Company with the prior written consent of holders of a majority of the then outstanding Warrants issued pursuant to the Purchase Agreement, provided that the Exercise Price per underlying share of Common Stock shall be no lower than the par value of the Common Stock as of the relevant time.

- c) Subsequent Rights Offerings. In addition to any adjustments pursuant to Section 3(a) above, if at any time the Company grants, issues or sells any Common Stock Equivalents or rights to purchase stock, warrants, securities or other property pro rata to the record holders of any class of shares of Common Stock (the “Purchase Rights”), then the Holder will be entitled to acquire, upon the terms applicable to such Purchase Rights, the aggregate Purchase Rights which the Holder could have acquired if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date on which a record is taken for the grant, issuance or sale of such Purchase Rights, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the grant, issue or sale of such Purchase Rights (provided, however, to the extent that the Holder’s right to participate in any such Purchase Right would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Purchase Right to such extent (or beneficial ownership of such shares of Common Stock as a result of such Purchase Right to such extent) and such Purchase Right to such extent shall be held in abeyance for the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation).
- d) Pro Rata Distributions. During such time as this Warrant is outstanding, if the Company shall declare or make any dividend or other distribution of its assets (or rights to acquire its assets) to holders of shares of Common Stock, by way of return of capital or otherwise (including, without limitation, any distribution of cash, stock or other securities, property or options by way of a dividend, spin off, reclassification, corporate rearrangement, scheme of arrangement or other similar transaction) (a “Distribution”), at any time after the issuance of this Warrant, then, in each such case, the Holder shall be entitled to participate in such Distribution to the same extent that the Holder would have participated therein if the Holder had held the number of shares of Common Stock acquirable upon complete exercise of this Warrant (without regard to any limitations on exercise hereof, including without limitation, the Beneficial Ownership Limitation) immediately before the date of which a record is taken for such Distribution, or, if no such record is taken, the date as of which the record holders of shares of Common Stock are to be determined for the participation in such Distribution (provided, however, to the extent that the Holder’s right to participate in any such Distribution would result in the Holder exceeding the Beneficial Ownership Limitation, then the Holder shall not be entitled to participate in such Distribution to such extent (or in the beneficial ownership of any shares of Common Stock as a result of such Distribution to such extent) and the portion of such Distribution shall be held in abeyance for the benefit of the Holder until such time, if ever, as its right thereto would not result in the Holder exceeding the Beneficial Ownership Limitation).

- e) Fundamental Transaction. If, at any time while this Warrant is outstanding, (i) the Company, directly or indirectly, in one or more related transactions effects any merger or consolidation of the Company with or into another Person, (ii) the Company, directly or indirectly, effects any sale, lease, license, assignment, transfer, conveyance or other disposition of all or substantially all of its assets in one or a series of related transactions, (iii) any, direct or indirect, purchase offer, tender offer or exchange offer (whether by the Company or another Person) is completed pursuant to which holders of shares of Common Stock are permitted to sell, tender or exchange their shares for other securities, cash or property and has been accepted by the holders of 50% or more of the outstanding shares of Common Stock, (iv) the Company, directly or indirectly, in one or more related transactions effects any reclassification, reorganization or recapitalization of the shares of Common Stock or any compulsory share exchange pursuant to which the shares of Common Stock are effectively converted into or exchanged for other securities, cash or property, or (v) the Company, directly or indirectly, in one or more related transactions consummates a stock or share purchase agreement or other business combination (including, without limitation, a reorganization, recapitalization, spin-off or scheme of arrangement) with another Person or group of Persons whereby such other Person or group acquires more than 50% of the outstanding shares of Common Stock (not including any shares of Common Stock held by the other Person or other Persons making or party to, or associated or affiliated with the other Persons making or party to, such stock or share purchase agreement or other business combination) (each a “Fundamental Transaction”), then, upon any subsequent exercise of this Warrant, the Holder shall have the right to receive, for each Warrant Share that would have been issuable upon such exercise immediately prior to the occurrence of such Fundamental Transaction, at the option of the Holder (without regard to any limitation in Section 2(e) on the exercise of this Warrant), the number of shares of Common Stock of the successor or acquiring corporation or of the Company, if it is the surviving corporation, and any additional consideration (the “Alternate Consideration”) receivable as a result of such Fundamental Transaction by a holder of the number of shares of Common Stock for which this Warrant is exercisable immediately prior to such Fundamental Transaction (without regard to any limitation in Section 2(e) on the exercise of this Warrant). For purposes of any such exercise, the determination of the Exercise Price shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one share of Common Stock in such Fundamental Transaction, and the Company shall apportion the Exercise Price among the Alternate Consideration in a reasonable manner reflecting the relative value of any different components of the Alternate Consideration. If holders of shares of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Holder shall be given the same choice as to the Alternate Consideration it receives upon any exercise of this Warrant following such Fundamental Transaction. The Company shall cause any successor entity in a Fundamental Transaction in which the Company is not the survivor (the “Successor Entity”) to assume in writing all of the obligations of the Company under this Warrant and the other Transaction Documents in accordance with the provisions of this Section 3(e) pursuant to written agreements in form and substance reasonably satisfactory to the Holder prior to such Fundamental Transaction and shall, at the option of the Holder, deliver to the Holder in exchange for this Warrant a security of the Successor Entity evidenced by a

written instrument substantially similar in form and substance to this Warrant which is exercisable for a corresponding number of shares of capital stock of such Successor Entity (or its parent entity) equivalent to the shares of Common Stock acquirable and receivable upon exercise of this Warrant (without regard to any limitations on the exercise of this Warrant) prior to such Fundamental Transaction, and with an exercise price which applies the exercise price hereunder to such shares of capital stock (but taking into account the relative value of the shares of Common Stock pursuant to such Fundamental Transaction and the value of such shares of capital stock, such number of shares of capital stock and such exercise price being for the purpose of protecting the economic value of this Warrant immediately prior to the consummation of such Fundamental Transaction), and which is reasonably satisfactory in form and substance to the Holder. Upon the occurrence of any such Fundamental Transaction, the Successor Entity shall succeed to, and be substituted for (so that from and after the date of such Fundamental Transaction, the provisions of this Warrant and the other Transaction Documents referring to the "Company" shall refer instead to the Successor Entity), and may exercise every right and power of the Company and shall assume all of the obligations of the Company under this Warrant and the other Transaction Documents with the same effect as if such Successor Entity had been named as the Company herein.

- f) Calculations. All calculations under this Section 3 shall be made to the nearest cent or the nearest 1/100th of a share, as the case may be. For purposes of this Section 3, the number of shares of Common Stock deemed to be issued and outstanding as of a given date shall be the sum of the number of shares of Common Stock (excluding treasury shares, if any) issued and outstanding.
- g) Notice to Holder.
- i. Adjustment to Exercise Price. Whenever the Exercise Price is adjusted pursuant to any provision of this Section 3, the Company shall promptly deliver to the Holder by email a notice setting forth the Exercise Price after such adjustment and any resulting adjustment to the number of Warrant Shares and setting forth a brief statement of the facts requiring such adjustment.
 - ii. Notice to Allow Exercise by Holder. If (A) the Company shall declare a dividend (or any other distribution in whatever form) on the shares of Common Stock, (B) the Company shall declare a special nonrecurring cash dividend on or a redemption of the shares of Common Stock, (C) the Company shall authorize the granting to all holders of the shares of Common Stock rights or warrants to subscribe for or purchase any capital stock of any class or of any rights, (D) the approval of any stockholders of the Company shall be required in connection with any reclassification of the shares of Common Stock (other than a stock split), any consolidation or merger to which the Company is a party, any sale or transfer of all or substantially all of the assets of the Company, or any compulsory share exchange whereby the shares of Common Stock are converted into other securities, cash or property, or (E) the Company shall authorize the voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Company, then, in each case, the Company shall cause to be delivered by email to the Holder at its last email address as it shall appear upon the Warrant Register of the Company, at least

5 calendar days prior to the applicable record or effective date hereinafter specified, a notice stating (x) the date on which a record is to be taken for the purpose of such dividend, distribution, redemption, rights or warrants, or if a record is not to be taken, the date as of which the holders of the shares of Common Stock of record to be entitled to such dividend, distributions, redemption, rights or warrants are to be determined or (y) the date on which such reclassification, consolidation, merger, sale, transfer or stock exchange is expected to become effective or close, and the date as of which it is expected that holders of the shares of Common Stock of record shall be entitled to exchange their shares of Common Stock for securities, cash or other property deliverable upon such reclassification, consolidation, merger, sale, transfer or stock exchange; provided that the failure to deliver such notice or any defect therein or in the delivery thereof shall not affect the validity of the corporate action required to be specified in such notice and provided, further that no notice shall be required if the information is disseminated in a press release or document filed with the Securities and Exchange Commission. To the extent that any notice provided in this Warrant constitutes, or contains, material, non-public information regarding the Company or any of the Subsidiaries, the Company shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K. The issuance of a press release or the filing of a Form 8-K or other suitable filing with the Commission shall satisfy this notice requirement. The Holder shall remain entitled to exercise this Warrant during the period commencing on the date of such notice to the effective date of the event triggering such notice except as may otherwise be expressly set forth herein.

Section 4. Transfer of Warrant.

- a) Transferability. Subject to compliance with any applicable securities laws and the conditions set forth in Section 4(d) hereof and to the provisions of Section 4.1 of the Purchase Agreement, this Warrant and all rights hereunder (including, without limitation, any registration rights) are transferable, in whole or in part, upon surrender of this Warrant at the principal office of the Company or its designated agent, together with a written assignment of this Warrant substantially in the form attached hereto duly executed by the Holder or its agent or attorney and funds sufficient to pay any transfer taxes payable upon the making of such transfer. Upon such surrender and, if required, such payment, the Company shall execute and deliver a new Warrant or Warrants in the name of the assignee or assignees, as applicable, and in the denomination or denominations specified in such instrument of assignment, and shall issue to the assignor a new Warrant evidencing the portion of this Warrant not so assigned, and this Warrant shall promptly be cancelled. Notwithstanding anything herein to the contrary, the Holder shall not be required to physically surrender this Warrant to the Company unless the Holder has assigned this Warrant in full, in which case, the Holder shall surrender this Warrant to the Company within three (3) Trading Days of the date on which the Holder delivers an assignment form to the Company assigning this Warrant in full. The Warrant, if properly assigned in accordance herewith, may be exercised by a new holder for the purchase of Warrant Shares without having a new Warrant issued.

- b) New Warrants. This Warrant may be divided or combined with other Warrants upon presentation hereof at the aforesaid office of the Company, together with a written notice specifying the names and denominations in which new Warrants are to be issued, signed by the Holder or its agent or attorney. Subject to compliance with Section 4(a), as to any transfer which may be involved in such division or combination, the Company shall execute and deliver a new Warrant or Warrants in exchange for the Warrant or Warrants to be divided or combined in accordance with such notice. All Warrants issued on transfers or exchanges shall be dated the Issue Date of this Warrant and shall be identical with this Warrant except as to the number of Warrant Shares issuable pursuant thereto.
- c) Warrant Register. The Company shall register this Warrant, upon records to be maintained by the Company for that purpose (the "Warrant Register"), in the name of the record Holder hereof from time to time. The Company may deem and treat the registered Holder of this Warrant as the absolute owner hereof for the purpose of any exercise hereof or any distribution to the Holder, and for all other purposes, absent actual notice to the contrary.
- d) Transfer Restrictions. If, at the time of the surrender of this Warrant in connection with any transfer of this Warrant, the transfer of this Warrant shall not be either (i) registered pursuant to an effective registration statement under the Securities Act and under applicable state securities or blue sky laws or (ii) eligible for resale without volume or manner-of-sale restrictions or current public information requirements pursuant to Rule 144, the Company may require, as a condition of allowing such transfer, that the Holder or transferee of this Warrant, as the case may be, comply with the provisions of Section 5.7 of the Purchase Agreement.
- e) Representation by the Holder. The Holder, by the acceptance hereof, represents and warrants that it is acquiring this Warrant and, upon any exercise hereof, will acquire the Warrant Shares issuable upon such exercise, for its own account and not with a view to or for distributing or reselling such Warrant Shares or any part thereof in violation of the Securities Act or any applicable state securities law, except pursuant to sales registered or exempted under the Securities Act.

Section 5. Miscellaneous.

- a) No Rights as Stockholder Until Exercise. This Warrant does not entitle the Holder to any voting rights, dividends or other rights as a stockholder of the Company prior to the exercise hereof as set forth in Section 2(d)(i), except as expressly set forth in Section 3.
- b) Loss, Theft, Destruction or Mutilation of Warrant. The Company covenants that upon receipt by the Company of evidence reasonably satisfactory to it of the loss, theft, destruction or mutilation of this Warrant or any stock certificate relating to the Warrant Shares, and in case of loss, theft or destruction, of indemnity or security reasonably satisfactory to it (which, in the case of the Warrant, shall not include the posting of any bond), and upon surrender and cancellation of such Warrant or stock certificate, if mutilated, the Company will make and deliver a new Warrant or stock certificate of like tenor and dated as of such cancellation, in lieu of such Warrant or stock certificate.

- c) 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.
- d) Authorized Shares. The Company covenants that, during the period the Warrant is outstanding, it will reserve from its authorized and unissued shares of Common Stock a sufficient number of shares to provide for the issuance of the Warrant Shares upon the exercise of any purchase rights under this Warrant. The Company further covenants that its issuance of this Warrant shall constitute full authority to its officers who are charged with the duty of issuing the necessary Warrant Shares upon the exercise of the purchase rights under this Warrant. The Company will take all such reasonable action as may be necessary to assure that such Warrant Shares may be issued as provided herein without violation of any applicable law or regulation, or of any requirements of the Trading Market upon which the shares of Common Stock may be listed. The Company covenants that all Warrant Shares which may be issued upon the exercise of the purchase rights represented by this Warrant will, upon exercise of the purchase rights represented by this Warrant and payment for such Warrant Shares in accordance herewith, be duly authorized, validly issued, fully paid and nonassessable and free from all taxes, liens and charges created by the Company in respect of the issue thereof (other than taxes in respect of any transfer occurring contemporaneously with such issue).

Except and to the extent as waived or consented to by the Holder, the Company shall not by any action, including, without limitation, amending its certificate of incorporation or through any reorganization, transfer of assets, consolidation, merger, dissolution, issue or sale of securities or any other voluntary action, avoid or seek to avoid the observance or performance of any of the terms of this Warrant, but will at all times in good faith assist in the carrying out of all such terms and in the taking of all such actions as may be necessary or appropriate to protect the rights of Holder as set forth in this Warrant against impairment. Without limiting the generality of the foregoing, the Company will (i) not increase the par value of any Warrant Shares above the amount payable therefor upon such exercise immediately prior to such increase in par value, (ii) take all such action as may be necessary or appropriate in order that the Company may validly and legally issue fully paid and nonassessable Warrant Shares upon the exercise of this Warrant and (iii) use commercially reasonable efforts to obtain all such authorizations, exemptions or consents from any public regulatory body having jurisdiction thereof, as may be, necessary to enable the Company to perform its obligations under this Warrant.

Before taking any action which would result in an adjustment in the number of Warrant Shares for which this Warrant is exercisable or in the Exercise Price, the Company shall obtain all such authorizations or exemptions thereof, or consents thereto, as may be necessary from any public regulatory body or bodies having jurisdiction thereof.

- e) Jurisdiction. All questions concerning the construction, validity, enforcement and interpretation of this Warrant shall be governed by and construed and enforced in accordance with the internal 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 this Warrant shall be commenced in the state and federal courts sitting in the City of New York. 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, and hereby irrevocably waives, and agrees not to assert in any suit, action or proceeding, any claim that it is not personally subject to the jurisdiction of any such court, that such suit, action or proceeding is 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 suit, 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 Warrant 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 either party shall commence an action, suit or proceeding to enforce any provisions of this Warrant, the prevailing party in such action, suit or proceeding shall be reimbursed by the other party for their reasonable attorneys' fees and other costs and expenses incurred with the investigation, preparation and prosecution of such action or proceeding.
- f) Restrictions. The Holder acknowledges that the Warrant Shares acquired upon the exercise of this Warrant, if not registered and the Holder does not utilize cashless exercise, will have restrictions upon resale imposed by state and federal securities laws.
- g) Nonwaiver and Expenses. No course of dealing or any delay or failure to exercise any right hereunder on the part of Holder shall operate as a waiver of such right or otherwise prejudice the Holder's rights, powers or remedies, notwithstanding the fact that the Holder's right to exercise this Warrant terminates on the Termination Date. If the Company willfully and knowingly fails to comply with any provision of this Warrant, which results in any material damages to the Holder, the Company shall pay to the Holder such amounts as shall be sufficient to cover any costs and expenses including, but not limited to, reasonable attorneys' fees, including those of appellate proceedings, incurred by the Holder in collecting any amounts due pursuant hereto or in otherwise enforcing any of its rights, powers or remedies hereunder.

- h) Notices. Any notices, consents, waivers or other document or communications required or permitted to be given or delivered under the terms of this Warrant, including, without limitation, any Notice of Exercise, must be in writing and will be deemed to have been delivered: (i) upon receipt, if delivered personally; (ii) when sent, if sent by e-mail (provided that such sent e-mail is kept on file (whether electronically or otherwise) by the sending party and the sending party does not receive an automatically generated message from the recipient's e-mail server that such e-mail could not be delivered to such recipient) and (iii) if sent by overnight courier service, one (1) Trading Day after deposit with an overnight courier service with next day delivery specified, in each case, properly addressed to the party to receive the same. The addresses and e-mail addresses for such communications shall be:

If to the Company:

Pyxis Oncology, Inc.
321 Harrison Avenue
11th Floor, Suite 1
Boston, MA 02118
Attention: Lara S. Sullivan, MD
Email: [_____]

With a copy (which shall not constitute notice) to:

Sidley Austin LLP
555 California Street, Suite 2000
San Francisco, CA 94104
USA
Attention: Asher Rubin, Frank F. Rahmani
Email: [_____] , [_____]

If to a Holder, to its address or e-mail address set forth herein or on the books and records of the Company.

- i) Limitation of Liability. No provision hereof, in the absence of any affirmative action by the Holder to exercise this Warrant to purchase Warrant Shares, and no enumeration herein of the rights or privileges of the Holder, shall give rise to any liability of the Holder for the purchase price of any shares of Common Stock or as a stockholder of the Company, whether such liability is asserted by the Company or by creditors of the Company.
- j) Remedies. The Holder, in addition to being entitled to exercise all rights granted by law, including recovery of damages, will be entitled to specific performance of its rights under this Warrant. The Company agrees that monetary damages would not be adequate compensation for any loss incurred by reason of a breach by it of the provisions of this Warrant and hereby agrees to waive and not to assert the defense in any action for specific performance that a remedy at law would be adequate.

- k) Successors and Assigns. Subject to applicable securities laws, this Warrant and the rights and obligations evidenced hereby shall inure to the benefit of and be binding upon the successors and permitted assigns of the Company and the successors and permitted assigns of Holder. The provisions of this Warrant are intended to be for the benefit of any Holder from time to time of this Warrant and shall be enforceable by the Holder or holder of Warrant Shares.
- l) Amendment. This Warrant may be modified or amended or the provisions hereof waived with the written consent of the Company and the Holder; provided, however, that the second paragraph of Section 2(e) of this Warrant may not be modified or amended or waived prior to obtaining Stockholder Approval.
- m) Severability. Wherever possible, each provision of this Warrant shall be interpreted in such manner as to be effective and valid under applicable law, but if any provision of this Warrant shall be prohibited by or invalid under applicable law, such provision shall be ineffective to the extent of such prohibition or invalidity, without invalidating the remainder of such provisions or the remaining provisions of this Warrant.
- n) Headings. The headings used in this Warrant are for the convenience of reference only and shall not, for any purpose, be deemed a part of this Warrant.

(Signature Page Follows)

IN WITNESS WHEREOF, the Company has caused this Warrant to be executed by its officer thereunto duly authorized as of the date first above indicated.

PYXIS ONCOLOGY, INC.

By: _____
Name:
Title:

EXHIBIT A

NOTICE OF EXERCISE

TO: PYXIS ONCOLOGY, INC.

- (1) The undersigned hereby elects to purchase _____ Warrant Shares of the Company pursuant to the terms of the attached Warrant (only if exercised in full), and tenders herewith payment of the exercise price in full, together with all applicable transfer taxes, if any.
- (2) Payment shall take the form of (check applicable box):
 in lawful money of the United States; or
 if permitted, the cancellation of such number of Warrant Shares as is necessary, in accordance with the formula set forth in subsection 2(c), to exercise this Warrant with respect to the maximum number of Warrant Shares purchasable pursuant to the cashless exercise procedure set forth in subsection 2(c).
- (3) Please issue said Warrant Shares in the name of the undersigned or in such other name as is specified below:

The Warrant Shares shall be delivered to the following DWAC Account Number:

- (4) Accredited Investor. The undersigned is an “accredited investor” as defined in Regulation D promulgated under the Securities Act of 1933, as amended.

[SIGNATURE OF HOLDER]

Name of Investing Entity:

Signature of Authorized Signatory of Investing Entity:

Name of Authorized Signatory:

Title of Authorized Signatory:

Date: _____

EXHIBIT B
ASSIGNMENT FORM

(To assign the foregoing Warrant, execute this form and supply required information. Do not use this form to purchase shares.)

FOR VALUE RECEIVED, the foregoing Warrant and all rights evidenced thereby are hereby assigned to

Name: _____
(Please Print)

Address: _____
(Please Print)

Phone
Number: _____

Email
Address: _____

Dated: _____, _____

Holder's Signature:

Holder's Address:

SECURITIES PURCHASE AGREEMENT

BY AND AMONG

PYXIS ONCOLOGY, INC.,

AND

THE PURCHASERS

AS SET FORTH HEREIN

FEBRUARY 26, 2024

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Exhibits

Exhibit A – Purchasers

Exhibit B – Form of Pre-Funded Warrant

Exhibit C – Form of Registration Rights Agreement

Exhibit D – Procedures for Exempt Issuance

This **SECURITIES PURCHASE AGREEMENT** (this “**Agreement**”) is dated as of February 26, 2024, by and among Pyxis Oncology, Inc., a Delaware corporation (the “**Company**”), and each of the entities listed on Exhibit A attached to this Agreement (each, a “**Purchaser**” and together, the “**Purchasers**”).

WHEREAS, the Company and the Purchasers are executing and delivering this Agreement in reliance upon the exemption from securities registration afforded by Section 4(a)(2) of the Securities Act of 1933, as amended (the “**Securities Act**”);

WHEREAS, the Company desires to sell to the Purchasers, and each Purchaser desires to purchase from the Company, severally and not jointly, upon the terms and subject to the conditions stated in this Agreement, (A) shares (the “**Shares**”) of the Company’s common stock, par value \$0.001 per share (the “**Common Stock**”) and (B) the pre-funded warrants to purchase Common Stock (the “**Pre-Funded Warrants**”) substantially in the form attached hereto as Exhibit B;

WHEREAS, contemporaneously with the sale of the Shares and the Pre-Funded Warrants, the parties hereto will execute and deliver a Registration Rights Agreement, substantially in the form attached hereto as Exhibit C, pursuant to which the Company will agree to provide certain registration rights in respect of the Shares and the Pre-Funded Warrant Shares (as defined below) under the Securities Act and applicable state securities laws

NOW THEREFORE, in consideration of the mutual agreements, representations, warranties and covenants herein contained, the Company and each Purchaser, severally and not jointly, agree as follows:

1. Definitions. As used in this Agreement, the following terms shall have the following respective meanings:

“**2023 SEC Reports**” shall mean (a) the Company’s Annual Report on Form 10-K for the fiscal year ended December 31, 2022, (b) any Quarterly Reports on Form 10-Q or any Current Reports on Form 8-K filed or furnished (as applicable) by the Company with the SEC after December 31, 2022 and prior to the Business Day immediately preceding the date hereof, and (c) the Company’s Registration Statement on Form S-4 (File No. 333-272510) (in the form originally declared effective by the SEC on June 30, 2023), together in each case with any documents incorporated by reference therein or exhibits thereto.

“**Affiliate**” shall mean, with respect to any Person, any other Person that, directly or indirectly through one or more intermediates, controls, is controlled by or is under common control with such Person.

“**Agreement**” has the meaning set forth in the recitals hereof.

“**Amended and Restated Certificate of Incorporation**” shall mean the Certificate of Incorporation of the Company, as currently in effect.

“**Amended and Restated Bylaws**” shall mean the Bylaws of the Company, as currently in effect.

“**Benefit Plan**” or “**Benefit Plans**” shall mean employee benefit plans as defined in Section 3(3) of ERISA and all other employee benefit practices or arrangements, including, without limitation, any such practices or arrangements providing severance pay, sick leave, vacation pay, salary continuation for disability, retirement benefits, deferred compensation, bonus pay, incentive pay, stock options or other stock-based compensation, hospitalization insurance, medical insurance, life insurance, scholarships or tuition reimbursements, maintained by the Company or to which the Company or any of its Subsidiaries is obligated to contribute for employees or former employees of the Company and its Subsidiaries.

“**Board of Directors**” means the board of directors of the Company.

“**Buy-In Price**” has the meaning set forth in Section 5.5(d) hereof.

“**Closing**” has the meaning set forth in Section 2.2 hereof.

“**Closing Date**” shall mean February 29, 2024.

“**Code**” shall mean the Internal Revenue Code of 1986, as amended.

“**Common Stock**” has the meaning set forth in the recitals hereof.

“**Common Stock Equivalents**” means any securities of the Company which would entitle the holder thereof to acquire at any time Common Stock, including, without limitation, any debt, preferred stock, rights, options, warrants or other instrument that is at any time convertible into or exchangeable for, or otherwise entitles the holder thereof to receive, Common Stock.

“**Company**” has the meaning set forth in the recitals hereof.

“**Confidential Data**” has the meaning set forth in Section 3 hereof.

“**Drug Regulatory Agency**” shall mean the United States Federal Drug Administration (“FDA”) or other foreign, state, local or comparable governmental authority responsible for regulation of the research, development, testing, manufacturing, processing, storage, labeling, sale, marketing, advertising, distribution and importation or exportation of drug or biological products and drug or biological product candidates.

“**Effective Date**” means the earliest of the date that (a) the Initial Registration Statement has been declared effective by the SEC, (b) all of the Securities have been sold pursuant to Rule 144 or may be sold pursuant to Rule 144 without the requirement for the Company to be in compliance with the current public information required under Rule 144 and without volume or manner-of-sale restrictions, (c) following the one year anniversary of the Closing Date provided that a holder of Securities is not an Affiliate of the Company, or (d) all of the Securities may be sold pursuant to an exemption from registration under Section 4(a)(1) of the Securities Act without volume or manner-of-sale restrictions and counsel to the Company has delivered to such holders a standing written unqualified opinion that resales may then be made by such holders of the Securities pursuant to such exemption which opinion shall be in form and substance reasonably acceptable to such holders.

“**Environmental Laws**” has the meaning set forth in Section 3.15 hereof.

“**ERISA**” shall mean the U.S. Employee Retirement Income Security Act of 1974, as amended.

“**Exchange Act**” shall mean the Securities Exchange Act of 1934, as amended, and all of the rules and regulations promulgated thereunder.

“**Exempt Issuance**” means the issuance of (a) securities with aggregate gross proceeds of up to \$25,000,000 at an effective per share price of not less than \$4.78 (provided that such securities are issued as “restricted securities” (as defined in Rule 144) and carry no registration rights that require or permit the filing of any registration statement in connection therewith during the prohibition period in Section 5.11(a)) in accordance with the provisions of Exhibit D (the “**Exempt Financing**”), (b) shares of Common Stock or options to employees, officers or directors of the Company pursuant to any stock or option plan duly adopted for such purpose, by a majority of the non-employee members of the Board of Directors or a majority of the members of a committee of non-employee directors established for such purpose for services rendered to the Company, (c) securities upon the exercise or exchange of or conversion of any securities exercisable or exchangeable for or convertible into shares of Common Stock issued and outstanding on the date of this Agreement, provided that such securities have not been amended since the date of this Agreement to increase the number of such securities or to decrease the exercise price, exchange price or conversion price of such securities (other than in connection with stock splits or combinations) or to extend the term of such securities, and (d) securities issued pursuant to acquisitions or strategic transactions approved by a majority of the disinterested directors of the Company, provided that such securities are issued as “restricted securities” (as defined in Rule 144) and carry no registration rights that require or permit the filing of any registration statement in connection therewith during the prohibition period in Section 5.11(a) herein, and provided that any such issuance shall only be to a Person (or to the equityholders of a Person) which is, itself or through its subsidiaries, an operating company or an owner of an asset in a business synergistic with the business of the Company and shall provide to the Company additional benefits in addition to the investment of funds, but shall not include a transaction in which the Company is issuing securities primarily for the purpose of raising capital or to an entity whose primary business is investing in securities.

“**Financial Statements**” has the meaning set forth in Section 3.8(b) hereof.

“**GAAP**” has the meaning set forth in Section 3.8(b) hereof.

“**GDPR**” has the meaning set forth in Section 3.32 hereof.

“**Governmental Authorizations**” has the meaning set forth in Section 3.11 hereof.

“**Governmental Entity**” means any arbitrator, court, governmental body, regulatory body, administrative agency or other authority, body or agency having jurisdiction over the Company or its Subsidiaries or any of their respective properties, assets or operations.

“**Health Care Laws**” has the meaning set forth in Section 3.21 hereof.

“**HIPAA**” has the meaning set forth in Section 3.1 hereof.

“**Intellectual Property**” has the meaning set forth in Section 3.12 hereof.

“**IT Systems**” has the meaning set forth in Section 3.1 hereof.

“**Legend Removal Date**” has the meaning set forth in Section 5.5(c) hereof.

“**Material Adverse Effect**” shall mean any change, event, circumstance, development, condition, occurrence or effect that, individually or in the aggregate, (a) was, is, or would reasonably be expected to be, materially adverse to the business, prospects, financial condition, properties, assets, liabilities, stockholders’ equity or results of operations of the Company and its Subsidiaries, taken as a whole, or (b) materially delays or materially impairs the ability of the Company to comply, or prevents the Company from complying, with its obligations under this Agreement, the other Transaction Agreements, or with respect to the Closing or would reasonably be expected to do so.

“**National Exchange**” means any of the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question, together with any successor thereto: the NYSE American, The New York Stock Exchange, the Nasdaq Global Market, the Nasdaq Global Select Market and the Nasdaq Capital Market.

“**Nasdaq**” means the Nasdaq Stock Market LLC.

“**Person**” shall mean an individual, partnership, corporation, limited liability company, business trust, joint stock company, trust, unincorporated association, joint venture or any other entity or organization.

“**Personal Data**” has the meaning set forth in Section 3.1 hereof.

“**Placement Agents**” means Leerink Partners LLC and LifeSci Capital LLC.

“**Pre-Funded Warrants**” has the meaning set forth in the recitals hereof.

“**Pre-Funded Warrant Shares**” has the meaning set forth in Section 3.4.

“**Privacy Laws**” has the meaning set forth in Section 3.32 hereof.

“**Privacy Statements**” has the meaning set forth in Section 3.32 hereof.

“**Process**” or “**Processing**” has the meaning set forth in Section 3.32 hereof.

“**Purchaser**” and “**Purchasers**” have the meanings set forth in the recitals hereof.

“**Purchaser Party**” has the meaning set forth in Section 5.10 hereof.

“**Registration Rights Agreement**” has the meaning set forth in Section 6.1(j) hereof.

“**Regulatory Agencies**” has the meaning set forth in Section 3.20 hereof.

“**Request Date**” has the meaning set forth in Section 5.5(c) hereof.

“**Rule 144**” means Rule 144 promulgated by the SEC pursuant to the Securities Act, as such Rule may be amended from time to time, or any similar rule or regulation hereafter adopted by the SEC having substantially the same effect as such Rule.

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

“**SEC Reports**” has the meaning set forth in Section 3.8(a) hereof.

“**Securities**” has the meaning set forth in Section 2.1 hereof.

“**Securities Act**” has the meaning set forth in the recitals hereof.

“**Shares**” has the meaning set forth in the recitals hereof.

“**Short Sales**” include, without limitation, (i) all “short sales” as defined in Rule 200 promulgated under Regulation SHO under the Exchange Act, whether or not against the box, and all types of direct and indirect stock pledges, forward sale contracts, options, puts, calls, short sales, swaps, “put equivalent positions” (as defined in Rule 16a-1(h) under the Exchange Act) and similar arrangements (including on a total return basis), and (ii) sales and other transactions through non-U.S. broker dealers or non-U.S. regulated brokers (but shall not be deemed to include the location and/or reservation of borrowable shares of Common Stock).

“**Subsidiaries**” has the meaning set forth in Section 3.1 hereof.

“**Tax Returns**” shall mean returns, reports, information statements and other documentation (including any additional or supporting material) filed or maintained, or required to be filed or maintained, in connection with the calculation, determination, assessment or collection of any Tax and shall include any amended returns required as a result of examination adjustments made by the Internal Revenue Service or other Tax authority.

“**Tax**” or “**Taxes**” shall mean any and all federal, state, local, foreign and other taxes, levies, fees, imposts, duties and charges of whatever kind (including any interest, penalties or additions to the tax imposed in connection therewith or with respect thereto), whether or not imposed on the Company, including, without limitation, taxes imposed on, or measured by, income, franchise, profits or gross receipts, and also ad valorem, value added, sales, use, service, real or personal property, capital stock, license, payroll, withholding, employment, social security, workers’ compensation, unemployment compensation, utility, severance, production, excise, stamp, occupation, premium, windfall profits, transfer and gains taxes and customs duties.

“**Trading Day**” means a day on which the National Exchange is open for trading.

“**Transaction Agreements**” shall mean this Agreement and the Registration Rights Agreement.

“**Transfer Agent**” shall mean, with respect to the Common Stock, Broadridge Corporate Issuer Solutions, Inc., or such other financial institution that provides transfer agent services as the Company may engage from time to time.

“**Transfer Taxes**” shall mean all real property transfer, sales, use, value added, stamp, documentary, recording, registration, conveyance, stock transfer, intangible property transfer, personal property transfer, gross receipts, registration, duty, securities transactions or similar fees or Taxes (together with any interest, penalty, or addition thereto) incurred in connection with the transactions contemplated by this Agreement.

“**VWAP**” means, for any date, the price determined by the first of the following clauses that applies: (a) if the Common Stock is then listed or quoted on a National Exchange, the daily volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the National Exchange on which the Common Stock is then listed or quoted as reported by Bloomberg L.P. (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)), (b) if the Common Stock is then listed or quoted on the OTCQB or OTCQX, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on OTCQB or OTCQX as applicable, (c) if the Common Stock is not then listed or quoted for trading on OTCQB or OTCQX and if prices for the Common Stock are then reported on the Pink Open Market (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of the Common Stock so reported, or (d) in all other cases, the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by the Purchasers of a majority in interest of the Securities then outstanding and reasonably acceptable to the Company, the fees and expenses of which shall be paid by the Company.

2. Purchase and Sale of Securities.

2.1. Purchase and Sale. 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, up to an aggregate of \$50,000,000 of Securities (as defined below), with a purchase price per Security equal to \$4.78. Subject to and upon the terms and conditions set forth in this Agreement, at the Closing, the Company shall issue and sell to each Purchaser, and each Purchaser, severally and not jointly, shall purchase from the Company, that number of Shares and Pre-Funded Warrants, as applicable, equal to (x) the dollar amount set forth opposite such Purchaser’s name on Exhibit A under the heading “Aggregate Purchase Price” divided by (y) \$4.78, rounded down to the nearest whole share. The Shares and Pre-Funded Warrants to be issued in the Closing (as defined below) are collectively referred to herein as the “**Securities**.”

2.2. Closing. Subject to the satisfaction or waiver of the conditions set forth in Section 5.6 of this Agreement, the closing of the purchase and sale of the Securities (the “**Closing**”) shall occur remotely via the exchange of documents and signatures on the Closing Date to be agreed to by the Company and each Purchaser but (i) in no event earlier than the second Business Day after the date hereof and (ii) in no event later than the fifth Business Day after the date hereof. At the Closing, (i) the Company shall irrevocably instruct the Transfer Agent to issue the Securities registered in the name of such Purchaser, or in such nominee name(s) as designated by such Purchaser, representing the number of Securities to be purchased by such Purchaser at such Closing as set forth in Exhibit A, and (ii) each Purchaser shall pay to the Company the aggregate purchase price for the Securities being purchased by such Purchaser, by wire transfer to the Company of immediately available funds to an account to be designated by the Company in writing (which shall not be an escrow account). The Shares and Pre-Funded Warrant Shares will be issued in book-entry form, free and clear of all restrictive and other legends (except as expressly provided in Section 4.10 hereof) and the Company shall cause the Transfer Agent to provide evidence of such issuance as of the Closing Date to each Purchaser.

3. Representations and Warranties of the Company. The Company hereby represents and warrants to each of the Purchasers and the Placement Agents that the statements contained in this Section 3 are true and correct as of the date hereof and as of the Closing Date (except for the representations and warranties that speak as of a specific date, which shall be made as of such date):

3.1. Organization and Power. The Company is a corporation duly organized, validly existing and in good standing under the laws of the State of Delaware, has the requisite power and authority to own, lease and operate its properties and to carry on its business as described in the 2023 SEC Reports and is qualified to do business in each jurisdiction in which the character of its properties or the nature of its business requires such qualification, except where such failure to be in good standing or to have such power and authority or to so qualify would not reasonably be expected to have a Material Adverse Effect. As of the date hereof, the Company’s subsidiaries consist of Pyxis Securities Corporation, a Massachusetts corporation, Apexigen, Inc., a Delaware corporation, and Apexigen America, Inc., a Delaware corporation and wholly-owned subsidiary of Apexigen, Inc. (collectively, the “**Subsidiaries**”). Each of the Subsidiaries is duly incorporated and validly existing and in good standing under the laws of the jurisdiction of its incorporation and has the requisite power and authority to carry on its business as described in the 2023 SEC Reports and to own or lease its properties. Each of the Subsidiaries is duly qualified to do business as a foreign corporation and is in good standing in each jurisdiction in which such qualification is required unless the failure to so qualify has not had and would not reasonably be expected to have, individually or in the aggregate, a Material Adverse Effect.

3.2. Capitalization. The authorized capital stock of the Company consists of 190,000,000 shares of Common Stock and 10,000,000 shares of preferred stock, par value \$0.001 per share. The Company's capitalization is accurately reflected in the 2023 SEC Reports containing such disclosure as of the date indicated in such 2023 SEC Reports. All of the issued and outstanding shares of Common Stock have been duly authorized and validly issued and are fully paid and non-assessable. None of the outstanding shares of capital stock of the Company were issued in violation of any preemptive or other similar rights of any securityholder of the Company which have not been waived or in violation of applicable securities laws, except for such violations as have not had and would not reasonably be expected to have, individually or in the aggregate, a Material Adverse Effect.

3.3. Registration Rights. Except as set forth in the Transaction Agreements or as disclosed in the 2023 SEC Reports, the Company is presently not under any obligation, and has not granted any rights, to register under the Securities Act any of the Company's presently outstanding securities or any of its securities that may hereafter be issued that have not expired or been satisfied or waived.

3.4. Authorization. The Company has all requisite corporate power and authority to enter into the Transaction Agreements and to carry out and perform its obligations under the terms of the Transaction Agreements, including the issuance and sale of the Securities. All corporate action on the part of the Company, its officers, directors and stockholders necessary for the authorization of the Shares and the shares of Common Stock issuable upon exercise of the Pre-Funded Warrants (the "**Pre-Funded Warrant Shares**"), the authorization, execution, delivery and performance of the Transaction Agreements and the consummation of the transactions contemplated herein, including the issuance and sale of the Securities, has been taken. This Agreement has been duly executed and delivered by the Company and assuming the due authorization, execution and delivery by each Purchaser and that this Agreement constitutes the legal, valid and binding agreement of each Purchaser, this Agreement constitutes a legal, valid and binding obligation of the Company, enforceable against the Company in accordance with its terms, except as such enforceability may be limited by bankruptcy, insolvency, reorganization, moratorium and similar laws relating to or affecting creditors generally or by general equity principles (regardless of whether such enforceability is considered in a proceeding in equity or at law). Upon its respective execution by the Company and the other parties thereto and assuming that it constitutes legal, valid and binding agreements of the other parties thereto, the Registration Rights Agreement will constitute a legal, valid and binding obligation of the Company, enforceable against the Company in accordance with its terms, except as such enforceability may be limited by bankruptcy, insolvency, reorganization, moratorium and similar laws relating to or affecting creditors generally or by general equity principles (regardless of whether such enforceability is considered in a proceeding in equity or at law).

3.5. Valid Issuance. The Shares being purchased by the Purchasers hereunder, upon issuance pursuant to the terms hereof, against full payment therefor in accordance with the terms of this Agreement, will be duly and validly issued, fully paid and non-assessable and will be issued free and clear of any liens or other restrictions (other than those as provided in the Transaction Agreements or restrictions on transfer under applicable state and federal securities laws) and the holder of the Shares shall be entitled to all rights accorded to a holder of Common Stock. The Pre-Funded Warrant Shares, upon issuance pursuant to the terms of the Pre-Funded Warrants, against full payment therefor in accordance with the terms of the Pre-Funded Warrants, will be duly and validly issued, fully paid and non-assessable and will be issued free and clear of any liens or restrictions (other than those as provided in the Transaction Agreements or restrictions on transfer under applicable state and federal securities laws) and the holder of the Pre-Funded Warrant Shares shall be entitled to all rights accorded to a holder of Common Stock. Subject to the accuracy of the representations and warranties made by the Purchasers in Section 4 hereof, the offer and sale of the Securities to the Purchasers is and will be in compliance with applicable exemptions from (i) the registration and prospectus delivery requirements of the Securities Act and (ii) the registration and qualification requirements of applicable securities laws of the states of the United States.

3.6. No Conflict. The execution, delivery and performance of the Transaction Agreements by the Company, the issuance and sale of the Securities and the consummation of the other transactions contemplated by the Transaction Agreements will not (i) violate any provision of the Amended and Restated Certificate of Incorporation or Amended and Restated Bylaws of the Company, (ii) conflict with or result in a violation of or default (with or without notice or lapse of time, or both) under, or give rise to a right of termination, cancellation or acceleration of any obligation, a change of control right or to a loss of a benefit under any agreement or instrument, credit facility, franchise, license, judgment, order, statute, law, ordinance, rule or regulations, applicable to the Company or any Subsidiary or their respective properties or assets, or (iii) result in a violation of any law, rule, regulation, order, judgment, injunction, decree or other restriction of any court or governmental authority to which the Company or any Subsidiary is subject (including federal and state securities laws and regulations) and the rules and regulations of any self-regulatory organization to which the Company or its securities are subject, or by which any property or asset of the Company or any Subsidiary is bound or affected, except, in the case of clauses (ii) and (iii), as would not, individually or in the aggregate, be reasonably expected to have a Material Adverse Effect.

3.7. Consents. Assuming the accuracy of the representations and warranties of the Purchasers, no consent, approval, authorization, filing with or order of or registration with, any court or governmental agency or body is required in connection with the authorization, execution or delivery by the Company of the Transaction Agreements, the issuance and sale of the Securities and the performance by the Company of its other obligations under the Transaction Agreements, except such as (a) have been or will be obtained or made under the Securities Act or the Exchange Act, (b) the filing of any requisite notices and/or application(s) to the National Exchange for the issuance and sale of the Shares or the Pre-Funded Warrant Shares and the listing of the Shares or the Pre-Funded Warrant Shares for trading or quotation, as the case may be, thereon in the time and manner required thereby, (c) customary post-closing filings with the SEC or pursuant to state securities laws in connection with the offer and sale of the Shares or the Pre-Funded Warrant Shares by the Company in the manner contemplated herein, which will be filed on a timely basis, (d) the filing of the registration statement required to be filed by the Registration Rights Agreement, or (e) such that the failure of which to obtain would not have a Material Adverse Effect. All notices, consents, authorizations, orders, filings and registrations which the Company is required to deliver or obtain prior to the Closing pursuant to the preceding sentence have been obtained or made or will be delivered or obtained or effected, and shall remain in full force and effect, on or prior to the Closing.

3.8. SEC Filings; Financial Statements.

(a) The Company has timely filed or furnished, as applicable, all forms, registration statements, proxy or consent solicitation statements, certifications, reports and documents required to be filed or furnished by it with the SEC under the Exchange Act or the Securities Act for the period commencing on January 1, 2021 (to the extent applicable to the Company during such period) and ending on the Business Day immediately preceding the date hereof (the “**SEC Reports**”). As of the time it was filed with, or furnished to, the SEC (or, if amended or superseded by a filing prior to the date of this Agreement, then on the date of such filing), each of the SEC Reports complied in all material respects with the applicable requirements of the Securities Act or the Exchange Act (as the case may be), and the rules and regulations promulgated thereunder and, as of the time they were filed or furnished, none of the SEC Reports 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 (except in the case of a registration statement filed pursuant to the Securities Act, in light of the circumstances under which they were made,) not misleading. There are no outstanding or unresolved comments from the SEC staff with respect to the SEC Reports. None of the SEC Reports is the subject of an ongoing SEC review.

(b) The financial statements of the Company and its Subsidiaries included in the SEC Reports (collectively, the “**Financial Statements**”) comply in all material respects with applicable accounting requirements and the rules and regulations of the SEC with respect thereto as in effect at the time of filing (or to the extent corrected by a subsequent restatement) and fairly present in all material respects the consolidated financial position of the Company (or, in the case of a Subsidiary prior to its acquisition by the Company, such Subsidiary) as of the dates indicated, and the results of its (or, in the case of a Subsidiary prior to its acquisition by the Company, such Subsidiary’s) operations and cash flows for the periods therein specified, all in accordance with United States generally accepted accounting principles (“**GAAP**”) (except as otherwise noted therein, and in the case of unaudited financial statements, as permitted by Form 10-Q of the SEC, and except that the unaudited financial statements may not contain footnotes and are subject to normal and recurring year-end adjustments) applied on a consistent basis unless otherwise noted therein throughout the periods therein specified. Except as set forth in the Financial Statements filed prior to the date hereof, neither the Company nor any Subsidiary has incurred any liabilities, contingent or otherwise, except (i) those incurred in the ordinary course of business, consistent with past practices since the date of such Financial Statements or (ii) liabilities not required under GAAP to be reflected in the Financial Statements, in either case, none of which, individually or in the aggregate, have had or would reasonably be expected to have a Material Adverse Effect.

3.9. Absence of Changes. Except as otherwise stated or disclosed in the 2023 SEC Reports, between December 31, 2022 and the date of this Agreement, (a) the Company has conducted, and has caused its Subsidiaries to conduct, their respective businesses only in the ordinary course of business and there have been no material transactions entered into by the Company or any of its Subsidiaries (except for the execution and performance of this Agreement and the discussions, negotiations and transactions related thereto); (b) no material change to any material contract or arrangement by which the Company or any Subsidiary is bound or to which any of their respective assets or properties is subject has been entered into that has not been disclosed in the 2023 SEC Reports; and (c) there has not been any other event or condition of any character that has had or would reasonably be expected to have a Material Adverse Effect.

3.10. Absence of Litigation. There is no action, suit, proceeding, arbitration, claim, investigation or inquiry pending or, to the Company’s knowledge, threatened against the Company or any Subsidiary which, individually or in the aggregate, has had or would reasonably be expected to have a Material Adverse Effect, nor are there any orders, writs, injunctions, judgments or decrees outstanding of any court or government agency or instrumentality and binding upon the Company or any Subsidiary that have had or would reasonably be expected to have a Material Adverse Effect. Neither the Company nor any Subsidiary, nor to the knowledge of the Company, any director or officer of the Company or any Subsidiary, is, or within the last ten years has been, the subject of any action involving a claim of violation of or liability under federal or state securities laws relating to the Company or such Subsidiary or a claim of breach of fiduciary duty relating to the Company or such Subsidiary.

3.11. Compliance with Law; Permits. Neither the Company nor any Subsidiary is in violation of, nor have any of them received any notices of violations with respect to, any laws, statutes, ordinances, rules or regulations of any governmental body, court or government agency or instrumentality, except for violations which, individually or in the aggregate, have not had and would not reasonably be expected to have a Material Adverse Effect. The Company and its Subsidiaries have all required licenses, permits, certificates and other authorizations (collectively, “**Governmental Authorizations**”) from such federal, state or local government or governmental agency, department or body that are currently necessary for the operation of the business of the Company and the Subsidiaries as described in the 2023 SEC Reports, except where the failure to possess currently such Governmental Authorizations has not had and is not reasonably expected to have a Material Adverse Effect. Neither the Company nor any Subsidiary has received any written (or to the Company’s knowledge, oral) notice regarding any revocation or material modification of any such Governmental Authorization, which, individually or in the aggregate, if the subject of an unfavorable decision, ruling or finding, has or would reasonably be expected to result in a Material Adverse Effect.

3.12. Intellectual Property. The Company and its Subsidiaries own, or have rights to use, all material inventions, patent applications, patents, trademarks, trade names, service names, service marks, copyrights, trade secrets, know how (including unpatented and/or unpatentable proprietary or confidential information, systems or procedures) and other intellectual property necessary for the operation of their respective businesses as described in the 2023 SEC Reports (collectively, “**Intellectual Property**”), except where any failure to own, possess or acquire such Intellectual Property has not had, and would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect. The Intellectual Property of the Company and its Subsidiaries has not been adjudged by a court of competent jurisdiction to be invalid or unenforceable, in whole or in part. To the Company’s knowledge: (a) there are no third parties who have rights, including liens, security interests, or other encumbrances, to any Intellectual Property; and (b) there is no infringement by third parties of any Intellectual Property. Except as disclosed in the 2023 SEC Reports, no action, suit, or other proceeding is pending, or, to the Company’s knowledge, is threatened: (i) challenging the Company’s or its Subsidiaries’ rights in or to any Intellectual Property; (ii) challenging the validity, enforceability or scope of any Intellectual Property; or (iii) alleging that the Company or any of its Subsidiaries infringes, misappropriates, or otherwise violates any patent, trademark, trade name, service name, copyright, trade secret or other proprietary rights of others. The Company and its Subsidiaries have complied in all material respects with the terms of each agreement pursuant to which Intellectual Property has been licensed to the Company or any of its Subsidiaries in all material respects, all such agreements are in full force and effect and, to the Company’s knowledge, the obligations of the counterparties to such agreements are performing their obligations when due in all material respects. To the Company’s knowledge, there are no material defects in any of the patents or patent applications included in the Intellectual Property. The Company and its Subsidiaries have taken all reasonable steps to protect, maintain and safeguard their Intellectual Property.

3.13. Employee Benefits. Each Benefit Plan has been established and administered in accordance with its terms and in compliance in all material respects with the applicable provisions of ERISA, the Code, the Patient Protection and Affordable Care Act of 2010, as amended, and other applicable laws, rules and regulations. The Company and its Subsidiaries are in compliance with all applicable federal, state and local laws, rules and regulations regarding employment, except for any failures to comply that are not reasonably likely, individually or in the aggregate, to have a Material Adverse Effect. There is no labor dispute, strike or work stoppage against the Company or its Subsidiaries pending or, to the knowledge of the Company, threatened which may interfere with the business activities of the Company.

3.14. Taxes. The Company and each of its Subsidiaries has filed all federal income Tax Returns and other Tax Returns required to have been filed under applicable law (or extensions have been duly obtained) and has paid all Taxes required to have been paid by them, except for those which are being contested in good faith and for which adequate reserves have been recorded in accordance with GAAP. No assessment in connection with United States federal tax returns has been made against the Company or any of its Subsidiaries. The charges, accruals and reserves on the books of the Company and its Subsidiaries in respect of any income and corporation tax liability for any years not finally determined are adequate to meet any assessments or reassessments for additional income tax for any years not finally determined. No audits, examinations, or other proceedings with respect to any material amounts of Taxes of the Company and its Subsidiaries are presently in progress or have been asserted or proposed in writing without subsequently being paid, settled or withdrawn. There are no liens on any of the assets of the Company or any Subsidiary. The Company, at all times since inception, has been and continues to be each classified as a corporation for U.S. federal income tax purposes. Neither the Company nor any of its Subsidiaries has been a United States real property holding corporation within the meaning of Code Section 897I(2) during the period specified in Code Section 897(c)(1)(A)(ii).

3.15. Environmental Laws. The Company and 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 and other Governmental Authorizations required under applicable Environmental Laws to conduct their respective businesses as described in the 2023 SEC Reports 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 has not had and would not, individually or in the aggregate, reasonably be expected to have a Material Adverse Effect. Neither the Company nor any Subsidiary has received since January 1, 2021 (to the extent applicable to the Company during such period), any written notice or other communication (in writing or otherwise), whether from a governmental authority or other Person, that alleges that the Company is not in compliance with any Environmental Law and, to the knowledge of the Company, there are no circumstances that may prevent or interfere with the Company’s compliance in any material respects with any Environmental Law in the future, except where such failure to comply would not reasonably be expected to have a Material Adverse Effect. To the knowledge of the Company: (i) no current or (during the time a prior property was leased or controlled by the Company) prior property leased or controlled by the Company or any Subsidiary has received since January 1, 2021 (to the extent applicable to the Company during

such period), any written notice or other communication relating to property owned or leased at any time by the Company, whether from a governmental authority, or other Person, that alleges that such current or prior owner or the Company or a Subsidiary is not in compliance with or violated any Environmental Law relating to such property and (ii) neither the Company nor any Subsidiary has any material liability under any Environmental Law.

3.16. Title. Each of the Company and its Subsidiaries has good and marketable title to all personal property owned by it that is material to the respective businesses of the Company or each such Subsidiary, free and clear of all liens, encumbrances and defects except such as do not materially affect the value of such property and do not interfere with the use made and proposed to be made of such property by the Company or its Subsidiaries, as the case may be. Any real property and buildings held under lease by the Company or its Subsidiaries is held under valid, subsisting and enforceable leases with such exceptions as are not material and do not interfere with the use made and proposed to be made of such property and buildings by the Company or its Subsidiaries, as the case may be. Neither the Company nor any Subsidiary owns any real property.

3.17. Insurance. The Company and its Subsidiaries carry or are entitled to the benefits of insurance in such amounts and covering such risks that is customary for comparably situated companies and is adequate for the conduct of their respective businesses as described in the 2023 SEC Reports and the value of their respective properties (owned or leased) and assets, and each of such insurance policies is in full force and effect and the Company and each Subsidiary is in compliance in all material respects with the terms thereof. Other than customary end of policy notifications from insurance carriers, since January 1, 2021 (to the extent applicable to the Company during such period), neither the Company nor any Subsidiary has received any notice or other communication regarding any actual or possible: (i) cancellation or invalidation of any insurance policy or (ii) refusal or denial of any coverage, reservation of rights or rejection of any material claim under any insurance policy.

3.18. Nasdaq Stock Market. The issued and outstanding shares of Common Stock are registered pursuant to Section 12(b) of the Exchange Act and are listed for trading on the Nasdaq Global Select Market under the symbol "PYXS". The Company is in compliance with all applicable listing requirements of Nasdaq applicable to the Company and the Company has received no written or, to the Company's knowledge, oral notice from Nasdaq that the Company is in or with the passage of time will be in violation of Nasdaq rules. As of the date hereof, there is no suit, action, proceeding or investigation pending or, to the knowledge of the Company, threatened against the Company by Nasdaq or the SEC, respectively, to prohibit or terminate the listing of the Common Stock on the Nasdaq Global Select Market or to deregister the Common Stock under the Exchange Act. The Company has taken no action as of the date hereof that is designed to result in the delisting of the Common Stock from the Nasdaq Global Select Market or to terminate the registration of the Common Stock under the Exchange Act.

3.19. Sarbanes-Oxley Act. The Company is, and since January 1, 2021 (to the extent applicable to the Company during such period) has been, in compliance with all applicable requirements of the Sarbanes-Oxley Act of 2002 and applicable rules and regulations promulgated by the SEC thereunder.

3.20. Clinical Data and Regulatory Compliance. (i) The preclinical tests and clinical trials, and other studies used to support regulatory approval (collectively, “studies”) being conducted by the Company or any Subsidiary that are described in, or the results of which are referred to in, a 2023 SEC Report were and, if still pending, are being conducted in all material respects in accordance with the protocols, procedures and controls designed and approved for such studies and with standard medical and scientific research procedures; (ii) each description of the results of such studies is accurate and complete in all material respects and fairly presents the data derived from such studies, and the Company and its Subsidiaries have no knowledge of any other studies the results of which are inconsistent with, or otherwise call into question, the results described or referred to in a 2023 SEC Reports; (iii) the Company and its Subsidiaries have made all such filings and obtained all such approvals as may be required by the FDA or from any other U.S. federal, state or local government or foreign government or Drug Regulatory Agency, or institutional review board, each having jurisdiction over biopharmaceutical products (collectively, the “**Regulatory Agencies**”) for the conduct of their respective businesses as described in the 2023 SEC Reports; (iv) neither the Company nor any of its Subsidiaries has received any notice of, or correspondence from, any Regulatory Agency requiring the termination or suspension of or imposing any clinical hold on any clinical trials that are described or referred to in the 2023 SEC Reports; and (v) the Company and its Subsidiaries have each operated and currently are in compliance in all material respects with all applicable rules, regulations and policies of the Regulatory Agencies.

3.21. Compliance with Health Care Laws. The Company and its Subsidiaries are in compliance in all material respects with all Health Care Laws to the extent applicable to the respective businesses of the Company and its Subsidiaries as described in the 2023 SEC Reports. For purposes of this Agreement, “**Health Care Laws**” means: (i) the Federal Food, Drug, and Cosmetic Act (21 U.S.C. Section 301 et seq.) and the Public Health Service Act (42 U.S.C. Section 201 et seq.), and the regulations promulgated thereunder; (ii) all applicable federal, state, local and foreign health care fraud and abuse laws, including, without limitation, the Anti-Kickback Statute (42 U.S.C. Section 1320a-7b(b)); (iii) the Health Insurance Portability and Accountability Act of 1996, as amended by the Health Information Technology for Economic and Clinical Health Act (42 U.S.C. Section 17921 et seq.) (collectively, “**HIPAA**”); (iv) the Patient Protection and Affordable Care Act of 2010, as amended by the Health Care and Education Reconciliation Act of 2010; (v) the European Union (“**EU**”) Clinical Trials Regulation (Regulation (EU) No. 536/2014); (vi) the EU Regulation regarding community procedures for authorization and supervision of medicinal products for human and veterinary use and establishing a European Medicines Agency (Regulation (EC) No. 726/2004); (vii) licensure, quality, safety and accreditation requirements under applicable federal, state, local or foreign laws or regulatory bodies; (viii) all other local, state, federal, national, supranational and foreign laws, relating to the regulation of the Company or its Subsidiaries, and (ix) the regulations promulgated pursuant to such statutes and any state or non-U.S. counterpart thereof. Neither the Company nor any of its Subsidiaries has received written, or to the Company’s knowledge, oral, notice of any claim, action, suit, proceeding, hearing, enforcement, investigation, arbitration or other action from any court or arbitrator or

governmental or regulatory authority or third party alleging that any product operation or activity is in material violation of any Health Care Laws nor, to the Company's knowledge, is any such claim, action, suit, proceeding, hearing, enforcement, investigation, arbitration or other action threatened. The Company and its Subsidiaries have filed, maintained or submitted all material reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments as required by any Health Care Laws, and all such reports, documents, forms, notices, applications, records, claims, submissions and supplements or amendments were complete and accurate on the date filed in all material respects (or were corrected or supplemented by a subsequent submission). Neither the Company nor any of its Subsidiaries is a party to any corporate integrity agreements, monitoring agreements, consent decrees, settlement orders, or similar agreements with or imposed by any governmental or regulatory authority. Additionally, neither the Company, any of its Subsidiaries nor any of their respective employees, officers, directors, or, to the knowledge of the Company, agents has been excluded, suspended or debarred from participation in any U.S. federal health care program or human clinical research or, to the knowledge of the Company, is subject to a governmental inquiry, investigation, proceeding, or other similar action that could reasonably be expected to result in debarment, suspension, or exclusion.

3.22. Accounting Controls and Disclosure Controls and Procedures. The Company and its Subsidiaries maintain a system of internal control over financial reporting (as defined in Rules 13a-15(f) and 15d-15(f) of the Exchange Act) that is designed to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with GAAP, including policies and procedures sufficient to provide reasonable assurance (i) that the Company and its Subsidiaries maintain records that in reasonable detail accurately and fairly reflect the transactions and dispositions of assets of the Company and its Subsidiaries, (ii) that transactions are recorded as necessary to permit preparation of financial statements in accordance with GAAP, (iii) that receipts and expenditures are made only in accordance with authorizations of management and the Board of Directors and (iv) regarding prevention or timely detection of the unauthorized acquisition, use or disposition of the assets of the Company and its Subsidiaries that could have a material effect on the Company's financial statements. Except as disclosed in the Company's SEC Reports, the Company has not identified any material weaknesses in the design or operation of the Company's internal control over financial reporting. The Company's "disclosure controls and procedures" (as defined in Rules 13a-15(e) and 15d-15(e) of the Exchange Act) are designed to provide reasonable assurance that all information (both financial and non-financial) required to be disclosed by the Company, on its own behalf and on behalf of its Subsidiaries, in the reports that it files or submits under the Exchange Act is recorded, processed, summarized and reported within the time periods specified in the rules and forms of the SEC, and that all such information is accumulated and communicated to the Company's management as appropriate to allow timely decisions regarding required disclosure.

3.23. Price Stabilization of Common Stock. The Company has not taken, nor will it take, directly or indirectly, any action designed to stabilize or manipulate the price of the Common Stock to facilitate the sale or resale of the Shares or the Pre-Funded Warrant Shares.

3.24. Investment Company Act. The Company is not, and immediately after receipt of payment for the Common Stock will not be, an “investment company” within the meaning of the Investment Company Act of 1940, as amended.

3.25. General Solicitation; No Integration or Aggregation. Neither the Company, nor any Subsidiary, nor any other Person or entity authorized by the Company or any Subsidiary to act on its behalf has engaged in a general solicitation or general advertising (within the meaning of Regulation D of the Securities Act) of investors with respect to offers or sales of Common Stock pursuant to this Agreement. The Company has not, directly or indirectly, sold, offered for sale, solicited offers to buy or otherwise negotiated in respect of, any security (as defined in the Securities Act) which, to its knowledge, is or will be (i) integrated with the Securities sold pursuant to this Agreement for purposes of the Securities Act or (ii) aggregated with prior offerings by the Company for the purposes of the rules and regulations of the Nasdaq Global Market. Assuming the accuracy of the representations and warranties of the Purchasers set forth in Section 4, neither the Company nor any of its Affiliates, its Subsidiaries nor any Person acting on their behalf has, directly or indirectly, made any offers or sales of any Company security or solicited any offers to buy any Company security, under circumstances that would adversely affect reliance by the Company on Section 4(a)(2) for the exemption from registration for the transactions contemplated hereby.

3.26. Brokers and Finders. Other than the Placement Agents, neither the Company, nor any Subsidiary, nor any other Person authorized by the Company or any Subsidiary to act on its behalf has retained, utilized or been represented by any broker or finder in connection with the transactions contemplated by this Agreement.

3.27. Reliance by the Purchasers. The Company acknowledges that each of the Purchasers is relying upon the truth and accuracy of, and the Company’s compliance with, the representations, warranties, agreements, acknowledgements and understandings of the Company set forth herein.

3.28. No Disqualification Events. Neither the Company nor any of its (i) predecessors, (ii) affiliates, (iii) directors, (iv) executive officers, (v) non-executive officers participating in the placement contemplated by this Agreement, (vi) beneficial owners of 20% or more of its outstanding voting equity securities (calculated on the basis of voting power), (vii) promoters, or (viii) investment managers (including any of such investment managers’ directors, executive officers or officers participating in the placement contemplated by this Agreement) or general partners or managing members of such investment managers (including any of such general partners’ or management members’ directors, executive officers or officers participating in the placement contemplated by this Agreement) is subject to the disqualification provisions of Rule 506(d) of Regulation D under the Securities Act.

3.29. No Additional Agreements. The Company has no other agreements or understandings (including side letters) with any Purchaser or any other Person with respect to the transactions contemplated by the Transaction Agreements other than as specified in the Transaction Agreements.

3.30. Anti-Bribery and Anti-Money Laundering Laws. Each of the Company, its Subsidiaries and, to the knowledge of the Company, any of their respective officers, directors, supervisors, managers, agents, or employees are and have at all times been in compliance with and its participation in the offering will not violate: (A) anti-bribery laws, including but not limited to, any applicable law, rule, or regulation of any locality, including but not limited to any law, rule, or regulation promulgated to implement the OECD Convention on Combating Bribery of Foreign Public Officials in International Business Transactions, signed December 17, 1997, including the U.S. Foreign Corrupt Practices Act of 1977, as amended, the U.K. Bribery Act 2010, or any other law, rule or regulation of similar purposes and scope or (B) anti-money laundering laws, including, but not limited to, applicable federal, state, international, foreign or other laws, regulations or government guidance regarding anti-money laundering, including, without limitation, Title 18 U.S.C. §§ 1956 and 1957, the Patriot Act, the Bank Secrecy Act, and international anti-money laundering principles or procedures by an intergovernmental group or organization, such as the Financial Action Task Force on Money Laundering, of which the United States is a member and with which designation the United States representative to the group or organization continues to concur, all as amended, and any executive order, directive, or regulation pursuant to the authority of any of the foregoing, or any orders or licenses issued thereunder.

3.31. Cybersecurity. The Company and its Subsidiaries' information technology assets and equipment, computers, systems, networks, hardware, software, websites, applications, and databases (collectively, "**IT Systems**") are adequate for, and operate and perform in all material respects as required in connection with the operation of the business of the Company and its Subsidiaries as described in the 2023 SEC Reports, and are free and clear of all material Trojan horses, time bombs, malware and other malicious code. The Company and its Subsidiaries have implemented and maintained commercially reasonable physical, technical and administrative controls designed to maintain and protect the confidentiality, integrity, availability, privacy and security of all sensitive, confidential or regulated data ("**Confidential Data**") used or maintained in connection with their businesses and Personal Data (defined below), and the integrity, availability continuous operation, redundancy and security of all IT Systems. "**Personal Data**" means the following data used in connection with the Company's and its Subsidiaries' businesses and in their possession or control: (i) a natural person's name, street address, telephone number, e-mail address, photograph, social security number or other tax identification number, driver's license number, passport number, credit card number or bank information; (ii) information that identifies or may reasonably be used to identify an individual; (iii) any information that would qualify as "protected health information" under HIPAA; and (iv) any information that would qualify as "personal data," "personal information" (or similar term) under the Privacy Laws. To the Company's knowledge, there have been no breaches, outages or unauthorized uses of or accesses to the IT Systems, Confidential Data, or Personal Data that would require notification under Privacy Laws (as defined below) or disclosure under the Securities Act, the Exchange Act, or the respective rules and regulations promulgated by the SEC thereunder.

3.32. Compliance with Data Privacy Laws. The Company and its Subsidiaries are, and at all prior times to January 1, 2021 (to the extent applicable to the Company during such period) were, in material compliance with all applicable state, federal and foreign data privacy and security laws and regulations regarding the collection, use, storage, retention, disclosure, transfer, disposal, or any other processing (collectively “**Process**” or “**Processing**”) of Personal Data, including without limitation HIPAA, the EU General Data Protection Regulation (“**GDPR**”) (Regulation (EU) No. 2016/679), all other local, state, federal, national, supranational and foreign laws relating to the regulation of the Company or its Subsidiaries, and the regulations promulgated pursuant to such statutes and any state or non-U.S. counterpart thereof (collectively, the “**Privacy Laws**”). To ensure material compliance with the Privacy Laws, the Company and its Subsidiaries have in place, comply with, and take all appropriate steps necessary to ensure compliance in all material respects with their policies and procedures relating to data privacy and security, and the Processing of Personal Data and Confidential Data (the “**Privacy Statements**”). The Company and its Subsidiaries have at all times since inception provided materially accurate notice of its Privacy Statements then in effect to its customers, employees, third party vendors and representatives. None of such disclosures made or contained in any Privacy Statements have been materially inaccurate, misleading, incomplete, or in material violation of any Privacy Laws.

3.33. Transactions with Affiliates and Employees. No relationship, direct or indirect, exists between or among the Company or any Subsidiary, on the one hand, and the directors, officers, stockholders, customers or suppliers of the Company or such Subsidiary, on the other hand, that is required to be described in the SEC Reports that is not so described.

3.34. Reliance. The Company has a reasonable basis for making each of the representations set forth in this Section 3. The Company acknowledges that the Purchaser is relying upon the accuracy and truthfulness of the foregoing representations made by the Company hereunder, hereby acknowledges that such reliance is reasonable, and hereby consents to such reliance.

3.35. Acknowledgment Regarding Purchaser’s Trading Activity. Except as provided in Section 4.14 of this Agreement, it is understood and acknowledged by the Company that: (i) none of the Purchasers has been asked by the Company to agree, nor has any Purchaser agreed, to desist from purchasing or selling, long and/or short, securities of the Company, or “derivative” securities based on securities issued by the Company or to hold the Securities for any specified term, (ii) past or future open market or other transactions by any Purchaser, specifically including, without limitation, Short Sales or “derivative” transactions, before or after the closing of this or future private placement transactions, may negatively impact the market price of the Company’s publicly-traded securities, (iii) any Purchaser, and counter-parties in “derivative” transactions to which any such Purchaser is a party, directly or indirectly, presently may have a “short” position in the Common Stock and (iv) each Purchaser shall not be deemed to have any affiliation with or control over any arm’s length counter-party in any “derivative” transaction. The Company further understands and acknowledges that (y) one or more Purchasers may engage in hedging activities at various times during the period that the Securities are outstanding, including, and (z) such hedging activities (if any) could reduce the value of the existing stockholders’ equity interests in the Company at and after the time that the hedging activities are being conducted. The Company acknowledges that such aforementioned hedging activities do not constitute a breach of any of the Transaction Agreements.

3.36. No Fiduciary Duty. The Company acknowledges that no Purchaser is acting as a financial advisor or fiduciary of the Company (or in any similar capacity) with respect to the Transaction Agreements and the transactions contemplated thereby, and any advice or other guidance provided by any Purchaser or any of its representatives and agents with respect to the Transaction Agreements and the transactions contemplated thereby is merely incidental to such Purchaser's entry into such transactions. The Company's decision to enter into the Transaction Agreements and to consummate the transactions contemplated thereby has been based solely on the independent evaluation by the Company and its representatives and agents.

4. Representations and Warranties of Each Purchaser. Each Purchaser, severally for itself and not jointly with any other Purchaser, represents and warrants to the Company and the Placement Agents that the statements contained in this Section 4 are true and correct as of the date hereof and the Closing Date:

4.1. Organization. Such Purchaser is duly organized, validly existing and in good standing under the laws of the jurisdiction of its organization and has the requisite power and authority to own, lease and operate its properties and to carry on its business as now conducted.

4.2. Authorization. Such Purchaser has all requisite corporate or similar power and authority to enter into this Agreement and the other Transaction Agreements to which it will be a party and to carry out and perform its obligations hereunder and thereunder. All corporate, member or partnership action on the part of such Purchaser or its stockholders, members or partners necessary for the authorization, execution, delivery and performance of this Agreement and the other Transaction Agreements to which it will be a party and the consummation of the other transactions contemplated herein has been taken. The signature of the Purchaser on this Agreement is genuine and the signatory to this Agreement, if the Purchaser is an individual, has the legal competence and capacity to execute the same or, if the Purchaser is not an individual, the signatory has been duly authorized to execute the same on behalf of the Purchaser. Assuming this Agreement constitutes the legal and binding agreement of the Company, this Agreement constitutes a legal, valid and binding obligation of such Purchaser, enforceable against such Purchaser in accordance with its respective terms, except as such enforceability may be limited or otherwise affected by bankruptcy, insolvency, fraudulent conveyance, reorganization, moratorium and/or similar laws relating to or affecting the rights of creditors generally or by general equity principles (regardless of whether such enforceability is considered in a proceeding in equity or at law).

4.3. No Conflicts. The execution, delivery and performance of the Transaction Agreements by such Purchaser, the purchase of the Securities in accordance with their terms and the consummation by such Purchaser of the other transactions contemplated hereby will not conflict with or result in any violation of, breach or default by such Purchaser (with or without notice or lapse of time, or both) under, conflict with, or give rise to a right of termination, cancellation or acceleration of any obligation, a change of control right or to a loss of a material benefit under (i) any provision of the organizational documents of such Purchaser, including, without limitation, its incorporation or formation papers, bylaws, indenture of trust or partnership or operating agreement, as may be applicable or (ii) any agreement or instrument, undertaking, credit facility, franchise, license, judgment, order, ruling, statute, law, ordinance, rule or regulations, applicable to such Purchaser or its respective properties or assets, except as would

not, individually or in the aggregate, be reasonably expected to materially delay or hinder the ability of such Purchaser to perform its obligations under the Transaction Agreements.

4.4. Residency. Such Purchaser's residence (if an individual) or offices in which its investment decision with respect to the Securities was made (if an entity) are located at the address immediately below such Purchaser's name on Exhibit A.

4.5. Brokers and Finders. Such Purchaser has not retained, utilized or been represented by any broker or finder in connection with the transactions contemplated by this Agreement whose fees the Company would be required to pay.

4.6. Investment Representations and Warranties. Each Purchaser hereby represents and warrants that, it (i) as of the date hereof is, if an entity, is a "qualified institutional buyer" (as defined in Rule 144A under the Securities Act) or an institutional "accredited investor" as that term is defined in Rule 501(a) under Regulation D promulgated pursuant to the Securities Act; or (ii) if an individual, is an "accredited investor" as that term is defined in Rule 501(a) of Regulation D of the Securities Act and has such knowledge and experience in financial and business matters as to be able to protect its own interests in connection with an investment in the Securities. Each Purchaser further represents and warrants that (x) it is capable of evaluating the merits and risk of such investment, and (y) that it has not been organized for the purpose of acquiring the Securities and is an "institutional account" as defined by FINRA Rule 4512(c). Such Purchaser understands and agrees that the offering and sale of the Securities has not been registered under the Securities Act or any applicable state securities laws and is being made in reliance upon federal and state exemptions for transactions not involving a public offering which depend upon, among other things, the bona fide nature of the investment intent and the accuracy of such Purchaser's representations as expressed herein.

4.7. Intent. Each Purchaser is purchasing the Securities solely for investment purposes, for such Purchaser's own account and not for the account of others, and not with a view to the resale or distribution of any part thereof in violation of the Securities Act, and the Purchaser has no present intention of selling, granting any participation in, or otherwise distributing the same in violation of the Securities Act without prejudice, however, to the Purchaser's right at all times to sell or otherwise dispose of all or any part of such Securities in compliance with applicable federal and state securities laws. Notwithstanding the foregoing, if such Purchaser is purchasing the Securities as a fiduciary or agent for one or more investor accounts, such Purchaser has full investment discretion with respect to each such account, and the full power and authority to make the acknowledgments, representations and agreements herein on behalf of each owner of each such account. Each Purchaser has no present arrangement to sell the Securities to or through any person or entity. Each Purchaser understands that the Securities must be held indefinitely unless such Securities are resold pursuant to a registration statement under the Securities Act or an exemption from registration is available. Nothing contained herein shall be deemed a representation or warranty by such Purchaser to hold the Securities for any period of time.

4.8. Investment Experience; Ability to Protect Its Own Interests and Bear Economic Risks.

(a) Each Purchaser acknowledges that it can bear the economic risk and complete loss of its investment in the Securities and has knowledge and experience in finance, securities, taxation, investments and other business matters as to be capable of evaluating the merits and risks of investments of the kind described in this Agreement and contemplated hereby, and the Purchaser has had an opportunity to seek, and has sought, such accounting, legal, business and tax advice as such Purchaser has considered necessary to make an informed investment decision.

(b) Each Purchaser further acknowledges that such Purchaser (i) is a sophisticated investor, experienced in investing in private placements of equity securities and capable of evaluating investment risks independently, both in general and with regard to all transactions and investment strategies involving a security or securities and (ii) has exercised independent judgment in evaluating its participation in the purchase of the Securities. Each Purchaser acknowledges that such Purchaser is aware that there are substantial risks incident to the purchase and ownership of the Securities, including those set forth in the Company's filings with the SEC. Alone, or together with any professional advisor(s), such Purchaser has adequately analyzed and fully considered the risks of an investment in the Securities and determined that the Securities are a suitable investment for the Purchaser. Each Purchaser is, at this time and in the foreseeable future, able to afford the loss of such Purchaser's entire investment in the Securities and such Purchaser acknowledges specifically that a possibility of total loss exists.

4.9. Independent Investment Decision. Such Purchaser understands that nothing in the Transaction Agreements or any other materials presented by or on behalf of the Company to such Purchaser in connection with the purchase of the Securities constitutes legal, tax or investment advice. Such Purchaser has consulted such legal, tax and investment advisors as it, in their sole discretion, has deemed necessary or appropriate in connection with its purchase of the Securities.

4.10. Securities Not Registered; Legends. Such Purchaser acknowledges and agrees that the Securities are being offered in a transaction not involving any public offering within the meaning of the Securities Act, and such Purchaser understands that the Securities have not been registered under the Securities Act, by reason of their issuance by the Company in a transaction exempt from the registration requirements of the Securities Act, and that the Securities must continue to be held and may not be offered, resold, transferred, pledged or otherwise disposed of by such Purchaser unless a subsequent disposition thereof is registered under the Securities Act or is exempt from such registration and in each case in accordance with any applicable securities laws of any state of the United States. Such Purchaser understands that the exemptions from registration afforded by Rule 144 (the provisions of which are known to it) promulgated under the Securities Act depend on the satisfaction of various conditions including, but not limited to, the time and manner of sale, the holding period and on requirements relating to the Company which are outside of such Purchaser's control and which the Company may not be able to satisfy, and that, if applicable, Rule 144 may afford the basis for sales only in limited amounts. Such Purchaser acknowledges and agrees that it has been advised to consult legal counsel prior to making any offer, resale, transfer, pledge or disposition of any of the Securities. Such Purchaser acknowledges

that no federal or state agency has passed upon or endorsed the merits of the offering of the Securities or made any findings or determination as to the fairness of this investment.

Each Purchaser understands that the Shares and the Pre-Funded Warrant Shares may bear one or more legends in substantially the following form and substance:

“THE SECURITIES REPRESENTED BY THIS CERTIFICATE HAVE NOT BEEN REGISTERED UNDER SECURITIES ACT OF 1933. THE SECURITIES HAVE BEEN ACQUIRED FOR INVESTMENT AND MAY NOT BE SOLD, TRANSFERRED OR ASSIGNED UNLESS (A) PURSUANT TO AN EFFECTIVE REGISTRATION STATEMENT FOR THESE SECURITIES UNDER THE SECURITIES ACT OF 1933, (B) IN ACCORDANCE WITH RULE 144, OR (C) IN ACCORDANCE WITH ANOTHER EXEMPTION FROM REGISTRATION AS SET FORTH IN AN OPINION OF THE COMPANY’S COUNSEL. THIS SECURITY MAY BE PLEDGED IN CONNECTION WITH A BONA FIDE MARGIN ACCOUNT WITH A REGISTERED BROKER-DEALER OR OTHER LOAN WITH A FINANCIAL INSTITUTION THAT IS AN “ACCREDITED INVESTOR” AS DEFINED IN RULE 501(a) UNDER THE SECURITIES ACT OR OTHER LOAN SECURED BY SUCH SECURITIES.”

In addition, the Securities may contain a legend regarding affiliate status of the Purchaser, if applicable.

4.11. Placement Agents. Each Purchaser hereby acknowledges and agrees that (a) the Placement Agents are acting solely as placement agents in connection with the execution, delivery and performance of the Transaction Agreements and the issuance of the Securities to the Purchasers and neither the Placement Agents nor any of their respective Affiliates have acted as an underwriter or in any other capacity and are not and shall not be construed as a fiduciary or financial advisor for such Purchaser, the Company or any other person or entity in connection with the execution, delivery and performance of the Transaction Agreements and the issuance and purchase of the Securities, (b) the Placement Agents have not made and do not make any representation or warranty, whether express or implied, of any kind or character, and has not provided any advice or recommendation in connection with the execution, delivery and performance of the Transaction Agreements or with respect to the Securities, nor is such information or advice necessary or desired, (c) the Placement Agents will not have any responsibility with respect to (i) any representations, warranties or agreements made by any Person or entity under or in connection with the execution, delivery and performance of the Transaction Agreements, or the execution, legality, validity or enforceability (with respect to any Person) thereof, or (ii) the business, affairs, financial condition, operations, properties or prospects of, or any other matter concerning the Company. No disclosure or offering document has been prepared by the Placement Agents or any of their respective Affiliates in connection with the offer and sale of the Securities. Neither the Placement Agents nor any of their respective Affiliates have made or make any representation as to the quality or value of the Securities and the Placement Agents and any of their respective Affiliates may have acquired non-public information with respect to the Company which Purchaser agrees need not be provided to it.

4.12. No General Solicitation. The Purchaser acknowledges and agrees that the Purchaser is purchasing the Securities directly from the Company. Purchaser became aware of this offering of the Securities solely by means of direct contact from the Placement Agents or directly from the Company as a result of a pre-existing, substantive relationship with the Company or the Placement Agents, and/or their respective advisors (including, without limitation, attorneys, accountants, bankers, consultants and financial advisors), agents, control persons, representatives, Affiliates, directors, officers, managers, members, and/or employees, and/or the representatives of such Persons. The Securities were offered to Purchaser solely by direct contact between Purchaser and the Company, the Placement Agents and/or their respective representatives. Purchaser did not become aware of this offering of the Securities, nor were the Securities offered to Purchaser, by any other means, and none of the Company, the Placement Agents and/or their respective representatives acted as investment advisor, broker or dealer to Purchaser. The Purchaser is not purchasing the Securities as a result of any general or public solicitation or general advertising, or publicly disseminated advertisement, article, notice or other communication regarding the Securities published in any newspaper, magazine or similar media or broadcast over television, radio or the internet or presented at any seminar or any other general solicitation or general advertisement, including any of the methods described in Section 502(c) of Regulation D under the Securities Act.

4.13. Access to Information. In making its decision to purchase the Securities, Purchaser has relied solely upon independent investigation made by Purchaser and upon the representations, warranties and covenants set forth herein. The Purchaser acknowledges and agrees that the Purchaser has received such information as the Purchaser deems necessary in order to make an investment decision with respect to the Securities, including, with respect to the Company. Without limiting the generality of the foregoing, each Purchaser acknowledges that copies of the 2023 SEC Reports are available on EDGAR at www.sec.gov. The Purchaser acknowledges and agrees that the Purchaser and the Purchaser's professional advisor(s), if any, have had the opportunity to ask such questions, receive such answers and obtain such information from the Company regarding the Company, its business and the terms and conditions of the offering of the Securities as the Purchaser and such Purchaser's professional advisor(s), if any, have deemed necessary to make an investment decision with respect to the Securities and that the Purchaser has independently made its own analysis and decision to invest in the Company. Neither any such inquiries nor any other due diligence investigation conducted by or on behalf of the Purchaser shall modify, limit or otherwise affect such Purchaser's right to rely on the Company's representations and warranties contained in this Agreement.

4.14. Certain Trading Activities. Other than consummating the transaction contemplated hereby, the Purchaser has not, nor has any Person acting on behalf of or pursuant to any understanding with such 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 was first contacted by the Company or any other Person regarding the transaction contemplated hereby and ending immediately prior to the date hereof. Notwithstanding the foregoing, in the case of a Purchaser that is a multi-managed investment vehicle whereby separate portfolio managers manage separate portions of such Purchaser's assets and the portfolio managers have no direct knowledge of the investment decisions made by the portfolio managers managing other portions of such Purchaser's assets, the representation set forth above shall only apply with respect to the portion of the assets managed by the portfolio manager that made the investment decision to purchase the Securities covered by this Agreement. Other than to other Persons party to this Agreement and to its advisors and agents who had a need to know such information, 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 avoidance of doubt, nothing contained herein shall constitute a representation or warranty, or preclude any actions, with respect to the identification of the availability of, or securing of, available shares to borrow in order to effect Short Sales or similar transactions in the future.

4.15. Disqualification Event. To the extent the Purchaser is one of the covered persons identified in Rule 506(d)(1), the Purchaser represents that no disqualifying event described in Rule 506(d)(1)(i-viii) of the Securities Act (a "**Disqualification Event**") is applicable to the Purchaser or any of its Rule 506(d) Related Parties (as defined below), except, if applicable, for a Disqualification Event as to which Rule 506(d)(2)(ii) or (iii) or (d)(3) is applicable. The Purchaser hereby agrees that it shall notify the Company promptly in writing in the event a Disqualification Event becomes applicable to the Purchaser or any of its Rule 506(d) Related Parties, except, if applicable, for a Disqualification Event as to which Rule 506(d)(2)(ii) or (iii) or (d)(3) is applicable. For purposes of this Section, "**Rule 506(d) Related Party**" shall mean a person or entity that is a beneficial owner of the Purchaser's securities for purposes of Rule 506(d) of the Securities Act.

5. Covenants.

5.1. Listing. The Company shall use commercially reasonable efforts to maintain the listing and trading of its Common Stock on the Nasdaq Global Select Market and, in accordance therewith, will use reasonable best efforts to comply in all material respects with the Company's reporting, filing and other obligations under the rules and regulations of Nasdaq. The Company shall file a Notification Form: Listing of Additional Shares, for the listing of the Shares and the Pre-Funded Warrant Shares on the Nasdaq Global Select Market on a timely basis as required by Nasdaq rules.

5.2. Disclosure of Transactions. The Company shall, by 9:00 a.m., New York City time, no later than the second (2nd) business day following the date hereof, file with the SEC a Current Report on Form 8-K disclosing all material terms of the transactions contemplated hereby and by the other Transaction Agreements (and including as exhibits to such Current Report on Form 8-K the material Transaction Agreements (including, without limitation, this Agreement and the Registration Rights Agreement)). Notwithstanding anything in this Agreement to the contrary, the Company shall not publicly disclose the name of any Purchaser or any of its Affiliates or advisers, or include the name of any Purchaser or any of its Affiliates or advisers in any press release or filing with the SEC (other than any registration statement contemplated by the Registration Rights Agreement) or any regulatory agency, without the prior written consent of such Purchaser, except (i) as required by the federal securities law in connection with (A) any registration statement contemplated by the Registration Rights Agreement and (B) the filing of final Transaction Agreements (including signature pages thereto) with the SEC or pursuant to other routine proceedings of regulatory authorities, or (ii) to the extent such disclosure is required by law, at the request of the staff of the SEC or regulatory agency or under the regulations of the Nasdaq Global Select Market.

5.3. Integration. The Company shall not, and shall use its commercially reasonable efforts to ensure that no Affiliate of the Company shall, 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 will be integrated with the offer or sale of the Securities in a manner that would require the registration under the Securities Act of the sale of the Securities to the Purchasers, or that will be integrated with the offer or sale of the Securities for purposes of the rules and regulations of any National Exchange 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.

5.4. Use of Proceeds. The Company shall use the proceeds from the sale of the Securities for working capital and general corporate purposes.

5.5. Removal of Legends.

(a) In connection with any transfer of Securities other than pursuant to an effective registration statement or Rule 144, to the Company or to an Affiliate of a Purchaser or in connection with a pledge as contemplated in Section 5.5(b), the Company may require the transferor thereof to provide to the Company an opinion of counsel selected by the transferor and reasonably acceptable to the Company, the form and substance of which opinion shall be reasonably satisfactory to the Company, to the effect that such transfer does not require registration of such transferred Securities under the Securities Act. As a condition of transfer, any such transferee shall agree in writing to be bound by the terms of this Agreement and the Registration Rights Agreement and shall have the rights and obligations of a Purchaser under this Agreement and the Registration Rights Agreement.

(b) The Company acknowledges and agrees that a Purchaser may from time to time pledge pursuant to a bona fide margin agreement with a registered broker-dealer or grant a security interest in some or all of the Securities to a financial institution that is an “accredited investor” as defined in Rule 501(a) under the Securities Act and, if required under the terms of such arrangement, such Purchaser may transfer pledged or secured Securities to the pledgees or secured parties. Such a pledge or transfer would not be subject to approval of the Company and no legal opinion of legal counsel of the pledgee, secured party or pledgor shall be required in connection therewith. Further, no notice shall be required of such pledge. At the appropriate Purchaser’s expense, the Company will execute and deliver such reasonable documentation as a pledgee or secured party of Securities may reasonably request in connection with a pledge or transfer of the Securities, including, if the Securities are subject to registration pursuant to the Registration Rights Agreement, the preparation and filing of any required prospectus supplement under Rule 424(b)(3) under the Securities Act or other applicable provision of the Securities Act to appropriately amend the list of selling stockholders thereunder.

(c) Certificates evidencing the Shares or Pre-Funded Warrant Shares, as applicable, shall not contain any legend (including the legend set forth in Section 4.10 hereof), (i) while a registration statement (including the Registration Statement) covering the resale of such security is effective under the Securities Act, (ii) following any sale of such Securities pursuant to Rule 144, or (iii) if such Securities are eligible for sale under Rule 144. The Company shall cause its counsel to issue a legal opinion to the Transfer Agent or the Purchaser promptly after the effective date of the registration statement filed pursuant to the Registration Rights Agreement if required by the Transfer Agent to effect the removal of the legend hereunder, or if requested by a Purchaser, respectively. The Company agrees that following the Effective Date or at such time as such legend is no longer required under this Section 5.5(c) (the “**Request Date**”), it will, no later than the earlier of (i) two (2) Trading Days and (ii) the number of Trading Days comprising the Standard Settlement Period (as defined below) following the request by a Purchaser (including delivery by a Purchaser to the Company or the Transfer Agent of a certificate representing Shares, or Pre-Funded Warrant Shares, as applicable, if such Shares or Pre-Funded Warrant Shares are then held in certificated form, issued with a restrictive legend (such date, the “**Legend Removal Date**”), deliver or cause to be delivered to such Purchaser a book entry receipt or certificate representing such shares that is free from all restrictive and other legends. The Company may not make any notation on its records or give instructions to the Transfer Agent that enlarge the restrictions on transfer set forth in this Agreement. Shares or Pre-Funded Warrant Shares subject

to legend removal hereunder shall be transmitted by the Transfer Agent to the Purchaser by crediting the account of the Purchaser's prime broker with the Depository Trust Company System as directed by such Purchaser. As used herein, "Standard Settlement Period" means the standard settlement period, expressed in a number of Trading Days, on the National Exchange with respect to the Common Stock as in effect on the Request Date.

(d) In addition to such Purchaser's other available remedies, the Company shall pay to a Purchaser, in cash, (i) as partial liquidated damages and not as a penalty, for each \$1,000 of Securities (based on the VWAP of the Common Stock on the Request Date) for which legend removal is requested and subject to Section 5.5(c), \$10 per Trading Day for each Trading Day after the Legend Removal Date until the Securities are delivered without a legend and (ii) if the Company fails to (a) issue and deliver (or cause to be delivered) to a Purchaser by the Legend Removal Date the Shares or Pre-Funded Warrant Shares, as applicable, subject to the legend removal request that is free from all restrictive and other legends and (b) if after the Legend Removal Date such Purchaser purchases (in an open market transaction or otherwise) shares of Common Stock to deliver in satisfaction of a sale by such Purchaser of all or any portion of the number of shares of Common Stock, or a sale of a number of shares of Common Stock equal to all or any portion of the number of shares of Common Stock that such Purchaser anticipated receiving from the Company without any restrictive legend, then, an amount equal to the excess of such Purchaser's total purchase price (including brokerage commissions and other out-of-pocket expenses, if any) for the shares of Common Stock so purchased (including brokerage commissions and other out-of-pocket expenses, if any) (the "**Buy-In Price**") over the product of (A) such number of Securities that the Company was required to deliver to such Purchaser by the Legend Removal Date multiplied by (B) the lowest closing sale price of the Common Stock on any Trading Day during the period commencing on the Request Date and ending on the date of such delivery and payment under this clause (ii).

(e) Each Purchaser, severally and not jointly with the other Purchasers, agrees with the Company that such Purchaser will sell any Securities pursuant to either the registration requirements of the Securities Act, including any applicable prospectus delivery requirements, or an exemption therefrom, and that if Securities are sold pursuant to a Registration Statement, they will be sold in compliance with the plan of distribution set forth therein, and acknowledges that the removal of the restrictive legend from certificates representing Securities as set forth in this Section 5.5 is predicated upon the Company's reliance upon this understanding.

5.6. Withholding Taxes. Each Purchaser agrees to furnish the Company with any information, representations and forms as shall reasonably be requested by the Company from time to time to assist the Company in complying with any applicable tax law (including any withholding obligations). Each Purchaser represents that it has provided the Company with a completed and executed Internal Revenue Service Form W-9 or applicable Form W-8, as appropriate, and agrees to promptly furnish the Company with such forms upon any expiration, obsolescence or inaccuracy of any prior forms or upon request of the Company.

5.7. Fees and Taxes. The Company shall be responsible for the payment of any placement agent's fees, financial advisory fees, or broker's commissions (other than for Persons engaged by a Purchaser) relating to or arising out of the transactions contemplated hereby, including, without limitation, any fees or commissions payable to the Placement Agents as the Company may engage in connection with the transactions contemplated by the Transaction Agreements.

5.8. No Conflicting Agreements. The Company will not take any action, enter into any agreement or make any commitment that would conflict or interfere in any material respect with the Company's obligations to the Purchasers under the Transaction Agreements.

5.9. Reporting Status. The Company shall timely file all reports required to be filed with the SEC pursuant to the Exchange Act, and the Company shall not terminate its status as an issuer required to file reports under the Exchange Act even if the Exchange Act or the rules and regulations thereunder would otherwise permit such termination.

5.10. Indemnification. Subject to the provisions of this Section 5.10, 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 the Transaction Agreements 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 Agreements (unless such action is solely based upon a material breach of such Purchaser Party's representations, warranties or covenants under the Transaction Agreements 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 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 the Transaction Agreements. The indemnification required by this Section 5.10 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. 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.

5.11. Subsequent Equity Sales

(a) Until 90 days from the signing of the Registration Rights Agreement, neither the Company nor any Subsidiary shall issue, enter into any agreement to issue or announce the issuance or proposed issuance of any shares of Common Stock or Common Stock Equivalents.

(b) Notwithstanding the foregoing, this Section 5.11 shall not apply in respect of an Exempt Issuance.

5.12. Equal Treatment of Purchasers. No consideration (including any modification of any Transaction Agreement) shall be offered or paid to any Person to amend or consent to a waiver or modification of any provision of any Transaction Agreement unless the same consideration is also offered to all of the parties to the Transaction Agreements. For clarification purposes, this provision constitutes a separate right granted to each Purchaser by the Company and negotiated separately by each Purchaser, and is intended for the Company to treat the Purchasers as a class and shall not in any way be construed as the Purchasers acting in concert or as a group with respect to the purchase, disposition or voting of Securities or otherwise.

6. Conditions of Closing.

6.1. Conditions to the Obligation of the Purchasers. The several obligations of each Purchaser to consummate the transactions to be consummated at the Closing, and to purchase and pay for the Securities being purchased by it at the Closing pursuant to this Agreement, are subject to the satisfaction or waiver in writing of the following conditions precedent:

(a) Representations and Warranties. The representations and warranties of the Company contained herein shall be true and correct in all material respects, except for those representation and warranties qualified by materiality or Material Adverse Effect, which shall be true and correct in all respects, as of the date hereof and as of the Closing Date, as though made on and as of such date, except to the extent any such representation or warranty expressly speaks as of an earlier date, in which case such representation or warranty shall be true and correct in all material respects as of such earlier date.

(b) Performance. The Company shall have performed in all material respects the obligations and conditions herein required to be performed or observed by the Company on or prior to the Closing Date.

(c) No Injunction. The purchase of and payment for the Securities by each Purchaser shall not be prohibited or enjoined by any law or governmental or court order or regulation and no such prohibition shall have been threatened in writing.

(d) Consents. The Company shall have obtained any and all consents, permits, approvals, registrations and waivers necessary for the consummation of the purchase and sale of the Securities, all of which shall be in full force and effect.

(e) Transfer Agent. The Company shall have furnished all required materials to the Transfer Agent to reflect the issuance of the Securities at the Closing.

(f) Adverse Changes. Since the date hereof, no event or series of events shall have occurred that has had or would reasonably be expected to have a Material Adverse Effect.

(g) Opinion of Company Counsel. The Company shall have delivered to the Purchasers and the Placement Agents the opinion of Sidley Austin LLP, dated as of the Closing Date in customary form and substance to be reasonably agreed upon with the Purchasers and addressing such legal matters as the Purchasers and the Company reasonably agree.

(h) Compliance Certificate. An authorized officer of the Company shall have delivered to the Purchasers at the Closing Date a certificate certifying that the conditions specified in Sections 6.1(a) (Representations and Warranties), 6.1(b) (Performance), 6.1(c) (No Injunction) and 6.1(k) (Listing Requirements) of this Agreement have been fulfilled.

(i) Secretary's Certificate. The Secretary of the Company shall have delivered to the Purchasers at the Closing Date a certificate certifying (i) the Amended and Restated Certificate of Incorporation; (ii) the Amended and Restated Bylaws; and (iii) resolutions of the Company's Board of Directors (or an authorized committee thereof) approving this Agreement, the other Transaction Agreements, the transactions contemplated by this Agreement and the issuance of the Securities.

(j) Registration Rights Agreement. The Company shall have executed and delivered the Registration Rights Agreement in the form attached hereto as Exhibit C (the "**Registration Rights Agreement**") to the Purchasers.

(k) Listing Requirements. No stop order or suspension of trading shall have been imposed by Nasdaq, the SEC or any other governmental or regulatory body with respect to public trading in the Common Stock. The Common Stock shall be listed on a National Exchange and shall not have been suspended, as of the Closing Date, by the SEC or the National Exchange from trading thereon nor shall suspension by the SEC or the National Exchange have been threatened, as of the Closing Date, in writing by the SEC or the National Exchange; and the Company shall have filed with Nasdaq a Notification Form: Listing of Additional Shares for the listing of the Shares and the Pre-Funded Warrant Shares.

(l) No judgment, writ, order, injunction, award or decree of or by any court, or judge, justice or magistrate, including any bankruptcy court or judge, or any order of or by any Governmental Entity, shall have been issued, and no action or proceeding shall have been instituted by any Governmental Entity, enjoining or preventing the consummation of the transactions contemplated hereby or in the other Transaction Agreements.

6.2. Conditions to the Obligation of the Company. The obligation of the Company to consummate the transactions to be consummated at the Closing, and to issue and sell to each Purchaser the Common Stock to be purchased by it at the Closing pursuant to this Agreement, is subject to the satisfaction or waiver in writing of the following conditions precedent:

(a) Representations and Warranties. The representations and warranties of each Purchaser in Section 4 hereto shall be true and correct on and as of the Closing Date, with the same force and effect as though made on and as of the Closing Date and consummation of the Closing shall constitute a reaffirmation by the Purchaser of each of the representations, warranties, covenants and agreements of the Purchaser contained in this Agreement as of the Closing Date.

(b) Performance. Each Purchaser shall have performed or complied with in all material respects all obligations and conditions herein required to be performed or observed by such Purchaser on or prior to the Closing Date.

(c) Injunction. The purchase of and payment for the Securities by each Purchaser shall not be prohibited or enjoined by any law or governmental or court order or regulation.

(d) Registration Rights Agreement. Each Purchaser shall have executed and delivered the Registration Rights Agreement, including the Purchaser Questionnaire appended thereto, to the Company in the form attached as Exhibit C.

(e) Payment. The Company shall have received payment, by wire transfer of immediately available funds, in the full amount of the purchase price for the number of Securities being purchased by each Purchaser at the Closing as set forth in Exhibit A.

7. Termination.

7.1. Termination. The obligations of the Company, on the one hand, and the Purchaser, on the other hand, to effect the Closing shall terminate as follows:

(i) Upon the mutual written consent of the Company and the Purchaser prior to the Closing;

(ii) By the Company, if any of the conditions set forth in Section 6.2 shall have become incapable of fulfillment, and shall not have been waived by the Company;

(iii) By the Purchaser, if any of the conditions set forth in Section 6.1 shall have become incapable of fulfillment, and shall not have been waived by the Purchaser; or

(iv) By either the Company or the Purchaser if the Closing has not occurred on or prior to the fifth Trading Day following the date of this Agreement; provided, however, that, except in the case of clauses (ii) and (iii) above, the party seeking to terminate its obligation to effect the Closing shall not then be in breach of any of its representations, warranties, covenants or agreements contained in the Transaction Agreements if such breach has resulted in the circumstances giving rise to such party's seeking to terminate its obligation to effect the Closing.

7.2. Notice. In the event of termination by the Company or the Purchaser of its obligations to effect the Closing pursuant to Section 7.1, written notice thereof shall be given to the other party. Nothing in this Section 7 shall be deemed to release any party from any liability for any breach by such party of the other terms and provisions of the Transaction Agreements or to impair the right of any party to compel specific performance by any other party of its other obligations under the Transaction Agreements.

8. Miscellaneous Provisions.

8.1. Public Statements or Releases. Except as set forth in Section 5.2, neither the Company nor any Purchaser shall make any public announcement with respect to the existence or terms of this Agreement or the transactions provided for herein without the prior consent of the other party (which consent shall not be unreasonably withheld). Notwithstanding the foregoing, and subject to compliance with Section 5.2, nothing in this Section 8.1 shall prevent any party from making any public announcement it considers necessary in order to satisfy its obligations under the law, including applicable securities laws, or under the rules of any national securities exchange or securities market, in which case the Company shall allow the Purchaser reasonable time to comment on such release or announcement in advance of such issuance. The Company shall not include the name of the Purchaser in any press release or public announcement (which, for the avoidance of doubt, shall not include any filing with the SEC) without the prior written consent of the Purchaser, except as otherwise required by law or the applicable rules or regulations of any securities exchange or securities market, in which case the Company shall allow the Purchaser, to the extent reasonably practicable in the circumstances, reasonable time to comment on such release or announcement in advance of such issuance.

8.2. Interpretation. The words “hereof,” “herein” and “hereunder” and words of similar import when used in this Agreement will refer to this Agreement as a whole and not to any particular provision of this Agreement, and section and subsection references are to this Agreement unless otherwise specified. The headings in this Agreement are included for convenience of reference only and will not limit or otherwise affect the meaning or interpretation of this Agreement. Whenever the words “include,” “includes” or “including” are used in this Agreement, they will be deemed to be followed by the words “without limitation.” The phrases “the date of this Agreement,” “the date hereof” and terms of similar import, unless the context otherwise requires, will be deemed to refer to the date set forth in the first paragraph of this Agreement. The meanings given to terms defined herein will be equally applicable to both the singular and plural forms of such terms. All matters to be agreed to by any party hereto must be agreed to in writing by such party unless otherwise indicated herein. References to agreements, policies, standards, guidelines or instruments, or to statutes or regulations, are to such agreements, policies, standards, guidelines or instruments, or statutes or regulations, as amended or supplemented from time to time (or to successors thereto).

8.3. Notices. Any notices or other communications required or permitted to be given hereunder shall be in writing and shall be deemed to be given (a) when delivered if personally delivered to the party for whom it is intended, (b) when delivered, if sent by electronic mail during normal business hours of the recipient, and if not sent during normal business hours, then on the recipient’s next business day, (c) three (3) days after having been sent by certified or registered mail, return-receipt requested and postage prepaid, or (d) one (1) business day after deposit with a nationally recognized overnight courier, freight prepaid, specifying next business day delivery, with written verification of receipt:

(a) If to the Company, addressed as follows:

Pyxis Oncology, Inc.
321 Harrison Avenue
11th Floor, Suite 1
Boston, MA 02118
Attention: Lara S. Sullivan, MD
Email: [_____]

with a copy (which shall not constitute notice):

Sidley Austin LLP.
555 California Street, Suite 2000
San Francisco, CA 94104
USA
Attention: Asher Rubin, Frank F. Rahmani
Email: [_____] , [_____]

(b) If to any Purchaser, at its address set forth on Exhibit A or to such e-mail address, or address as subsequently modified by written notice given in accordance with this Section 8.3.

Any Person may change the address to which notices and communications to it are to be addressed by notification as provided for herein.

8.4. Severability. If any part or provision of this Agreement is held unenforceable or in conflict with the applicable laws or regulations of any jurisdiction, the invalid or unenforceable part or provisions shall be replaced with a provision which accomplishes, to the extent possible, the original business purpose of such part or provision in a valid and enforceable manner, and the remainder of this Agreement shall remain binding upon the parties hereto.

8.5. Governing Law; Submission to Jurisdiction; Venue; Waiver of Trial by Jury.

(a) This Agreement shall be governed by, and construed in accordance with, the laws of the State of New York without regard to choice of laws or conflicts of laws provisions thereof that would require the application of the laws of any other jurisdiction, except to the extent that mandatory principles of Delaware law may apply.

(b) The Company and each of the Purchasers hereby irrevocably and unconditionally:

(i) submits for itself and its property in any legal action or proceeding relating solely to this Agreement or the transactions contemplated hereby, to the general jurisdiction of the any state court or United States Federal court sitting in the City of New York in the State of New York;

(ii) consents that any such action or proceeding may be brought in such courts, and waives any objection that it may now or hereafter have to the venue of any such action or proceeding in any such court or that such action or proceeding was brought in an inconvenient court and agrees not to plead or claim the same to the extent permitted by applicable law;

(iii) agrees that service of process in any such action or proceeding may be effected by mailing a copy thereof by registered or certified mail (or any substantially similar form of mail), postage prepaid, to the party, as the case may be, at its address set forth in Section 8.3 or at such other address of which the other party shall have been notified pursuant thereto;

(iv) agrees that nothing herein shall affect the right to effect service of process in any other manner permitted by law or shall limit the right to sue in any other jurisdiction for recognition and enforcement of any judgment or if jurisdiction in the courts referenced in the foregoing clause (i) are not available despite the intentions of the parties hereto;

(v) agrees that final judgment in any such suit, action or proceeding brought in such a court may be enforced in the courts of any jurisdiction to which such party is subject by a suit upon such judgment, provided that service of process is effected upon such party in the manner specified herein or as otherwise permitted by law;

(vi) agrees that to the extent that such party has or hereafter may acquire any immunity from jurisdiction of any court or from any legal process with respect to itself or its property, such party hereby irrevocably waives such immunity in respect of its obligations under this Agreement, to the extent permitted by law; and

(vii) irrevocably and unconditionally waives trial by jury in any legal action or proceeding in relation to this Agreement or the Registration Rights Agreement.

8.6. Waiver. No waiver of any term, provision or condition of this Agreement, whether by conduct or otherwise, in any one or more instances, shall be deemed to be, or be construed as, a further or continuing waiver of any such term, provision or condition or as a waiver of any other term, provision or condition of this Agreement.

8.7. Expenses. Except as expressly set forth in the Transaction Agreements to the contrary, each party shall pay its own out-of-pocket fees and expenses, including the fees and expenses of attorneys, accountants and consultants employed by such party, incurred in connection with the proposed investment in the Securities and the consummation of the transactions contemplated thereby; provided, however, that the Company shall pay all Transfer Agent fees (including, without limitation, any fees required for same-day processing of any instruction letter delivered by the Company), stamp taxes and other taxes (other than income taxes) and duties levied in connection with the delivery of any Securities to the Purchasers. The Company shall pay all Placement Agents' fees relating to or arising out of the transactions contemplated by this Agreement.

8.8. Assignment. The Company shall not have the right to assign its rights or obligations under this Agreement or designate another person (a) to perform all or part of its obligations under this Agreement or (b) to have all or part of its rights and benefits under this Agreement, in each case without the prior written consent of the Purchasers. A Purchaser shall have the right to assign its rights or obligations under this Agreement or designate another person (i) to perform all or part of its obligations under this Agreement or (ii) to have all or part of its rights and benefits under this Agreement, in each case, without the prior consent of the Company, provided that (i) such assignment or designation is to any of its Affiliates or to any other investment funds or accounts managed or advised by the investment manager who acts on behalf of such Purchaser, or (ii) complies with applicable securities laws (provided that in the case of clauses (i) or (ii) each such assignee agrees to be bound by the terms of this Agreement and makes the same representations and warranties set forth in Section 4 hereof). In the event of any assignment in accordance with the terms of this Agreement, the assignee shall specifically assume and be bound by the provisions of this Agreement by executing a written agreement to be bound by and subject to the terms of this Agreement and shall deliver an executed counterpart signature page to this Agreement and, notwithstanding such assumption or agreement to be bound hereby by an assignee, no such assignment shall relieve any party assigning any interest hereunder from its obligations or liability pursuant to this Agreement. Any assignment or attempted assignment in violation of this Section 8.8 shall be null and void *ab initio*.

8.9. Confidential Information.

(a) Each Purchaser covenants that until such time as the transactions contemplated by this Agreement and any material non-public information provided to such Purchaser are publicly disclosed by the Company, such Purchaser will maintain the confidentiality of all disclosures made to it in connection with this transaction (including the existence and terms of this transaction), other than to such Purchaser's outside attorney, accountant, auditor or investment advisor only to the extent necessary to permit evaluation of the investment, and the performance of the necessary or required tax, accounting, financial, legal, or administrative tasks and services and other than as may be required by law.

(b) The Company may request from the Purchasers such additional information as the Company may deem necessary to evaluate the eligibility of the Purchaser to acquire the Securities, and the Purchaser shall promptly provide such information as may reasonably be requested to the extent readily available; provided, that the Company agrees to keep any such information provided by the Purchaser confidential, except (i) as required by the federal securities laws, rules or regulations and (ii) to the extent such disclosure is required by other laws, rules or regulations, at the request of the staff of the SEC or regulatory agency or under the regulations of Nasdaq. The Purchaser acknowledges that the Company may file a copy of this Agreement and the Registration Rights Agreement with the SEC as exhibit to a periodic report or a registration statement of the Company.

8.10. Concerning the Placement Agents.

(a) Each Purchaser agrees for the express benefit of the Placement Agents, their Affiliates and their representatives that (i) such Placement Agents, their Affiliates and their representatives have not made, and will not make any representations or warranties with respect to the Company or the offer and sale of the Securities, and such Purchaser will not rely on any statements made by such Placement Agents, orally or in writing, to the contrary, (ii) such Purchaser will be responsible for conducting its own due diligence investigation with respect to the Company and the offer and sale of the Securities, (iii) such Purchaser will be purchasing Securities based on the results of its own due diligence investigation of the Company and such Placement Agents and each of its directors, officers, employees, representatives, and controlling persons have made no independent investigation with respect to the Company, the Securities, or the accuracy, completeness, or adequacy of any information supplied to the Purchaser by the Company, (iv) such Purchaser has negotiated the offer and sale of the Securities directly with the Company, and the Placement Agents will not be responsible for the ultimate success or failure of any such investment and (v) the decision to invest in the Company will involve a significant degree of risk, including a risk of total loss of such investment. Each Purchaser further represents and warrants to the Placement Agents that it, including any fund or funds that it manages or advises that participates in the offer and sale of the Securities, is permitted under its constitutive documents (including, without limitation, all limited partnership agreements, charters, bylaws, limited liability company agreements, all applicable side letters with investors, and similar documents) to make investments of the type contemplated by this Agreement. This Section 8.10 shall survive any termination of this Agreement.

(b) The Company agrees and acknowledges that the Placement Agents may rely on its representations, warranties, agreements and covenants contained in this Agreement and each Purchaser agrees that the Placement Agents may rely on such Purchaser's representations and warranties contained in this Agreement as if such representations and warranties, as applicable, were made directly to the Placement Agents.

(c) Neither the Placement Agents nor any of their respective Affiliates or representatives (i) shall be liable for any improper payment made in accordance with the information provided by the Company; (ii) makes any representation or warranty, or has any responsibilities as to the validity, accuracy, value or genuineness of any information, certificates or documentation delivered by or on behalf of the Company pursuant to the Transaction Agreements or in connection with any of the transactions contemplated therein.

(d) The Company agrees that the Placement Agents, their respective Affiliates and representatives shall be entitled to (i) rely on, and shall be protected in acting upon, any certificate, instrument, notice, letter or any other document or security delivered to any of them by or on behalf of the Company, and (ii) be indemnified by the Company for acting as Placement Agents hereunder pursuant to the indemnification provisions set forth in the applicable letter agreement between the Company and the Placement Agents.

8.11. Third Parties. Except as provided in Section 5.10 and Section 5.11, nothing in this Agreement, express or implied, is intended to confer on any Person other than the parties to this Agreement any rights, remedies, claims, benefits, obligations or liabilities under or by reason of this Agreement, and no Person that is not a party to this Agreement (including, without limitation, any partner, member, shareholder, director, officer, employee or other beneficial owner of any party to this Agreement, in its own capacity as such or in bringing a derivative action on behalf of a party to this Agreement) shall have any standing as a third party beneficiary with respect to this Agreement or the transactions contemplated hereby. Notwithstanding the foregoing, the Placement Agents are intended third-party beneficiaries of the representations and warranties of the Company and of each Purchaser set forth in Section 3, Section 4 and Section 6.1(h) and Section 8.10 respectively, of this Agreement.

8.12. Independent Nature of Purchasers' Obligations and Right. The obligations of each Purchaser under this Agreement are several and not joint with the obligations of any other Purchaser, and no Purchaser shall be responsible in any way for the performance obligations of any other Purchaser under this Agreement. Nothing contained herein, and no action taken by any Purchaser pursuant hereto, shall be deemed to constitute the Purchasers as, and the Company acknowledges that the Purchasers do not so constitute, a partnership, an association, a joint venture or any other kind of entity, or create a presumption that the Purchasers are in any way acting in concert or as a group, and the Company will not assert any such claim with respect to such obligations or the transactions contemplated by this Agreement. The Company acknowledges and each Purchaser confirms that it has independently participated in the negotiation of the transaction contemplated hereby with the advice of its own counsel and advisors. Each Purchaser also acknowledges that Sidley Austin LLP has rendered legal advice to the Company and not such Purchaser. Each Purchaser shall be entitled to independently protect and enforce its rights, including, without limitation, the rights arising out of this Agreement, and it shall not be necessary for any other Purchaser to be joined as an additional party in any proceeding for such purpose. The Company has elected to provide all Purchasers with the same terms and Transaction Agreements for the convenience of the Company and not because it was required or requested to do so by any Purchaser.

8.13. Counterparts. This Agreement may be signed in any number of counterparts, each of which shall be an original, but all of which together shall constitute one instrument.

8.14. Entire Agreement; Amendments. The Transaction Agreements constitute the entire agreement between the parties hereto respecting the subject matter hereof and supersedes all prior agreements, negotiations, understandings, representations and statements respecting the subject matter hereof, whether written or oral. No modification, alteration, or change in any of the terms of this Agreement shall be valid or binding upon the parties hereto unless made in writing and duly executed by the Company and the Purchasers of at least a majority in interest of the Securities then held by the Purchasers. Notwithstanding the foregoing, this Agreement may not be amended and the observance of any term of this Agreement may not be waived with respect to any Purchaser without the written consent of such Purchaser unless such amendment or waiver applies to all Purchasers in the same fashion and provided that the consent of each Purchaser is required for the waiver of any of the conditions to closing set forth in Section 6.1. The Company, on the one hand, and each Purchaser, on the other hand, may by an instrument signed in writing by such parties waive the performance, compliance or satisfaction by such Purchaser or the Company, respectively, with any term or provision hereof or any condition hereto to be performed, complied with or satisfied by such Purchaser or the Company, respectively.

8.15. Survival. The covenants, representations and warranties made by each party hereto contained in this Agreement shall survive the Closing and the delivery of the Securities in accordance with their respective terms. Each Purchaser shall be responsible only for its own representations, warranties, agreements and covenants hereunder.

8.16. Mutual Drafting. This Agreement is the joint product of each Purchaser and the Company and each provision hereof has been subject to the mutual consultation, negotiation and agreement of such parties and shall not be construed for or against any party hereto.

8.17. Additional Matters. For the avoidance of doubt, the parties acknowledge and confirm that the terms and conditions of the Securities were determined as a result of arm's-length negotiations.

8.18. Further Assurances. The parties shall execute and deliver all such further instruments and documents and take all such other actions as may reasonably be required to carry out the transactions contemplated hereby and to evidence the fulfillment of the agreements herein contained.

[Remainder of Page Intentionally Left Blank.]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

COMPANY:

PYXIS ONCOLOGY, INC.

By: /s/ Pamela Connealy

Name: Pamela Connealy

Title: Chief Financial Officer and Chief Operating Officer

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the day and year first above written.

PURCHASER:

[NAME]

By: _____

Name: _____

Title: _____

Address: _____

Email: _____

EXHIBIT A
PURCHASERS

EXHIBIT B
FORM OF PRE-FUNDED WARRANT

[Filed Separately]

EXHIBIT C
FORM OF REGISTRATION RIGHTS AGREEMENT

[Filed Separately]

EXHIBIT D - Exempt Financing

- If the Company initially decides to pursue an Exempt Financing, the Company will offer the Exempt Financing to all Purchasers based on the procedures herein. For the avoidance of doubt the Company is under no obligation to proceed with or complete an Exempt Financing.
 - If the Company decides to proceed with an Exempt Financing, the Company will provide notice to all Purchasers of such Exempt Financing.
 - Each Purchaser will have up to 48 hours to confirm whether they would participate in the proposed Exempt Financing and the amount by which they will participate.
 - Each Purchaser's right to participate in the proposed Exempt Financing will be on a "pro rata basis," which is based on each such Purchaser's beneficial ownership of the Company's total outstanding capital stock (including for the purposes hereof any warrants and convertible securities) immediately following the closing of the transaction contemplated by this Securities Purchase Agreement .
 - Upon completion of the procedures set forth above, the Company at its sole discretion may proceed with and complete the Exempt Financing.
-

REGISTRATION RIGHTS AGREEMENT

THIS REGISTRATION RIGHTS AGREEMENT (this “Agreement”), dated as of February 26, 2024, is entered into by and among **PYXIS ONCOLOGY, INC.**, a Delaware corporation (the “Company”), and the several investors signatory hereto (individually as an “Investor” and collectively together with their respective permitted assigns, the “Investors”). Capitalized terms used herein and not otherwise defined herein shall have the respective meanings set forth in the Share Purchase Agreement by and among the parties hereto, dated as of the date hereof (as amended, restated, supplemented or otherwise modified from time to time, the “Purchase Agreement”).

WHEREAS:

A. Upon the terms and subject to the conditions of the Purchase Agreement, the Company has agreed to issue and sell to the Investors, and the Investors have agreed to purchase, severally and not jointly, an aggregate of up to \$50,000,000 of (A) shares (the “Shares”) of the Company's Common Stock pursuant to the Purchase Agreement and (B) pre-funded warrants to purchase Common Stock (the “Pre-Funded Warrants”).

B. To induce the Investors to enter into the Purchase Agreement, the Company has agreed to provide certain registration rights under the Securities Act of 1933, as amended, and the rules and regulations thereunder, or any similar successor statute (collectively, the “Securities Act”), and applicable state securities laws.

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

1. DEFINITIONS.

For purposes of this Agreement, the following terms shall have the following meanings:

- (a) “Agreement” has the meaning set forth in the recitals hereof.
- (b) “Business Day” means any day that is not a Saturday, Sunday, public holiday or other day on which commercial banks are required or authorized by law to be closed in the United States.
- (c) “Claims” has the meaning set forth in Section 6(a) hereof.
- (d) “Common Stock” means the Company’s common stock, par value \$0.001 per share, and any securities into which such shares may hereinafter be reclassified.
- (e) “Company” has the meaning set forth in the recitals hereof.

- (f) “Effectiveness Deadline” has the meaning set forth in Section 2(b) hereof.
- (g) “Filing Deadline” has the meaning set forth in Section 2(a) hereof.
- (h) “Indemnified Damages” has the meaning set forth in Section 6(a) hereof.
- (i) “Indemnified Party” has the meaning set forth in Section 6(b) hereof.
- (j) “Indemnified Person” has the meaning set forth in Section 6(a) hereof.
- (k) “Initial Registration Statement” has the meaning set forth in Section 2(a) hereof.
- (l) “Investors” has the meaning set forth in the recitals hereof.
- (m) “New Registration Statement” has the meaning set forth in Section 2(c) hereof.
- (n) “Person” means any individual or entity including but not limited to any corporation, limited liability company, unincorporated association, partnership, joint venture, organization, business, individual, governmental or political subdivision thereof or a governmental agency.
- (o) “Pre-Funded Warrants” has the meaning set forth in the recitals hereof.
- (p) “Purchase Agreement” has the meaning set forth in the recitals hereof.
- (q) “Register,” “Registered,” and “Registration” refer to a registration effected by preparing and filing one or more registration statements of the Company in compliance with the Securities Act and providing for offering securities on a continuous basis, and the declaration or ordering of effectiveness of such registration statement(s) by the United States Securities and Exchange Commission (the “SEC”).
- (r) “Registration Expenses” shall mean all registration and filing fee expenses incurred by the Company in effecting any registration pursuant to this Agreement, including (i) all registration, qualification, and filing fees, printing expenses, and any other fees and expenses associated with filings required to be made with the SEC, FINRA or any other regulatory authority, (ii) all fees and expenses in connection with compliance with or clearing the Registrable Securities for sale under any securities or “Blue Sky” laws, (iii) all printing, duplicating, word processing, messenger, telephone, facsimile, and delivery expenses, and (iv) all fees and disbursements of counsel of the Company and of all independent certified public accountants of the Company (including the expenses of any special audit and cold comfort letters required by or incident to such performance).
- (s) “Registration Period” has the meaning set forth in Section 2(b) hereof.

(t) “Registrable Securities” means the Shares, Pre-Funded Warrant Shares (as defined in the Purchase Agreement), and any Common Stock issued or issuable with respect to the Shares or Pre-Funded Warrant Shares as a result of any stock split or subdivision, stock dividend, recapitalization, exchange or similar event; provided, that, a security shall cease to be a Registrable Security (and the Company shall not be required to maintain the effectiveness of any, or file another, Registration Statement hereunder with respect thereto) for so long as (a) a Registration Statement with respect to the sale of such Registrable Securities is declared effective by the SEC under the Securities Act and such Registrable Securities have been disposed of by the holder thereof in accordance with the plan of distribution contained in such effective Registration Statement, (b) such Registrable Securities have been previously sold in accordance with Rule 144, or (c) such securities become eligible for resale without volume or manner-of-sale restrictions and without current public information pursuant to Rule 144 as set forth in a written opinion letter to such effect, addressed, delivered and acceptable to the Transfer Agent and the affected holders (assuming that such securities and any securities issuable upon exercise, conversion or exchange of which, or as a dividend upon which, such securities were issued or are issuable, were at no time held by any Affiliate of the Company), as reasonably determined by the Company, upon the advice of counsel to the Company and the Transfer Agent has issued certificates or book entry receipts for such Registrable Securities to the holder thereof, or as such holder may direct, without any restrictive legend.

(u) “Registration Statement” means any registration statement of the Company filed with, or to be filed with, the SEC under the Securities Act, that Registers Registrable Securities, including the related prospectus, amendments and supplements to such registration statement, including pre- and post-effective amendments, and all exhibits and all material incorporated by reference in such registration statement as may be necessary to comply with applicable securities laws. “Registration Statement” shall also include a New Registration Statement, as amended when each became effective, including all documents filed as part thereof or incorporated by reference therein, and including any information contained in a prospectus subsequently filed with the SEC.

(v) “Securities Act” has the meaning set forth in the recitals hereof.

(w) “Selling Expenses” shall mean all underwriting discounts and selling commissions applicable to the sale of Registrable Securities and all similar fees and commissions relating to the Investors’ disposition of the Registrable Securities.

(x) “Shares” has the meaning set forth in the recitals hereof.

(y) “Suspension Event” has the meaning set forth in Section 3(e) hereof.

(z) “Violations” has the meaning set forth in Section 6(a) hereof.

2. REGISTRATION.

(a) Mandatory Registration. As promptly as practicable but in any event no later than March 27, 2024 (the “Filing Deadline”), the Company shall prepare and file with the SEC an initial Registration Statement (the “Initial Registration Statement”) covering the resale of all Registrable Securities. Such Registration Statement shall not include any shares of Common Stock or other securities for the account of any other holder without the prior written consent of the Required Investors. Before filing the Registration Statement, the Company shall furnish to the Investors a copy of the Registration Statement. The Investors and their counsel shall have at least four (4) Business Days prior to the anticipated filing date of a Registration Statement to review and comment upon such Registration Statement and any amendment or supplement to such Registration Statement and any related prospectus (including any documents incorporated by reference therein), prior to its filing with the SEC. The Company shall (a) use its commercially reasonable efforts to address in each such document prior to being so filed with the SEC such comments as the Investor or its counsel reasonably proposed by the Investor, and (b) not file any Registration Statement or related prospectus or any amendment or supplement thereto containing information regarding the Investor to which Investor reasonably objects, unless such information is required to comply with any applicable law or regulation. The Investors shall furnish all information reasonably requested by the Company and as shall be reasonably required in connection with any registration referred to in this Agreement.

(b) Effectiveness Deadline; Registration Period. The Company shall use its commercially reasonable efforts to have the Initial Registration Statement and any amendment declared effective by the SEC at the earliest possible date but no later than the earlier of the seventy-fifth (75th) calendar day following the initial filing date of the Initial Registration Statement if the SEC notifies the Company that it will “review” the Initial Registration Statement and (b) the fifth (5th) Business Day after the date the Company is notified (orally or in writing, whichever is earlier) by the SEC that the Initial Registration Statement will not be “reviewed” or will not be subject to further review (the earlier of such dates, the “Effectiveness Deadline”). The Company shall notify the Investor by e-mail as promptly as practicable, and in any event, within twenty-four (24) hours, after the Registration Statement is declared effective or is supplemented and shall provide the Investor with copies of any related Prospectus to be used in connection with the sale or other disposition of the securities covered thereby. The Company shall use commercially reasonable efforts to cause such Registration Statement to remain continuously effective for a period that will terminate upon the earlier of (i) the date on which all Registrable Securities covered by such Registration Statement as amended from time to time, have been sold or otherwise disposed of pursuant to the Registration Statement or in a transaction in which the transferee receives freely tradable shares and (ii) the date on which the Registrable Securities no longer constitute “Registrable Securities” pursuant to the definition thereof (the “Effectiveness Period”) and shall advise the Investors in writing when the Effectiveness Period has expired. The Initial Registration Statement (including any amendments or supplements thereto and prospectuses contained therein) shall not contain any untrue statement of a material fact or omit to state a material fact required to be stated therein, or necessary to make the statements therein, in light of the circumstances in which they were made, not misleading.

(c) Sufficient Number of Shares Registered. In the event the number of shares available under the Initial Registration Statement at any time is insufficient to cover the Registrable Securities, the Company shall, to the extent necessary and permissible, amend the Initial Registration Statement or file a new registration statement (together with any prospectuses or prospectus supplements thereunder, a “New Registration Statement”), so as to cover all of such Registrable Securities as soon as reasonably practicable, but in any event not later than ten (10) Business Days after the necessity therefor arises (the “New Registration Filing Deadline”). The Company shall use its commercially reasonable efforts to have such amendment and/or New Registration Statement become effective as soon as reasonably practicable following the filing thereof but no later than the earlier of the seventy-fifth (75th) calendar day following the initial filing date of the Initial Registration Statement if the SEC notifies the Company that it will “review” the Initial Registration Statement and (b) the fifth (5th) Business Day after the date the Company is notified (orally or in writing, whichever is earlier) by the SEC that the New Registration Statement will not be “reviewed” or will not be subject to further review (the earlier of such dates, the “New Registration Effectiveness Deadline”). The provisions of Sections 2(a) and (b) shall apply to the New Registration Statement except as modified hereby.

(d) Liquidated Damages. If (i) the Initial Registration Statement has not been filed by the Filing Deadline, (ii) the Initial Registration Statement has not been declared effective by the Effectiveness Deadline, (iii) the New Registration Statement has not been filed by the New Registration Filing Deadline, (iv) the New Registration Statement has not been declared effective by the New Registration Effectiveness Deadline, or (v) after any Registration Statement has been declared effective by the SEC, sales cannot be made pursuant to such Registration Statement for any reason (including without limitation by reason of a stop order, or the Company’s failure to update such Registration Statement), but excluding any Allowed Delay (as defined below) or, if the Registration Statement is on Form S-1, for a period of twenty (20) days following the date on which the Company files a post-effective amendment to incorporate the Company’s Annual Report on Form 10-K (a “Maintenance Failure”), then the Company will make pro rata payments to each Investor then holding Registrable Securities, as liquidated damages and not as a penalty, in an amount equal to 1.0% of the aggregate amount paid pursuant to the Purchase Agreement by such Investor for such Registrable Securities then held by such Investor for each 30-day period or pro rata for any portion thereof during which the failure continues (the “Blackout Period”). Such payments shall constitute the Investors’ exclusive monetary remedy for such events, but shall not affect the right of the Investors to seek injunctive relief. The amounts payable as liquidated damages pursuant to this paragraph shall be paid in cash no later than five (5) Business Days after each such 30-day period following the commencement of the Blackout Period until the termination of the Blackout Period (the “Blackout Period Payment Date”). Interest shall accrue at the rate of 1.0% per month on any such liquidated damages payments that shall not be paid by the Blackout Period Payment Date until such amount is paid in full. Notwithstanding anything in this Section 2(d) to the contrary, during any periods that the Company is unable to meet its obligations hereunder with respect to the registration of the Registrable Securities because any Investor fails to furnish information required to be provided pursuant to Section 2(a) or Section 4(a) within three (3) Business Days of the Company’s request, any liquidated damages that would otherwise accrue as to such Investor only shall be tolled until such information is delivered to the Company.

(e) For not more than twenty (20) consecutive days or for a total of not more than forty-five (45) days in any twelve (12) month period, the Company may suspend the use of any prospectus included in any Registration Statement in the event that the Company determines in good faith that such suspension is necessary to (A) delay the disclosure of material non-public information concerning the Company, the disclosure of which at the time is not, in the good faith opinion of the Company, in the best interests of the Company or (B) amend or supplement the affected Registration Statement or the related Prospectus so that such Registration Statement or Prospectus shall not include an untrue statement of a material fact or omit to state a material fact required to be stated therein or necessary to make the statements therein, in the case of the Prospectus in light of the circumstances under which they were made, not misleading (an “Allowed Delay”); provided, that the Company shall promptly (a) notify each Investor in writing of the commencement of an Allowed Delay, but shall not (without the prior written consent of an Investor) disclose to such Investor any material non-public information giving rise to an Allowed Delay, (b) advise the Investors in writing to cease all sales under the Registration Statement until the end of the Allowed Delay and (c) use commercially reasonable efforts to terminate an Allowed Delay as promptly as practicable.

(f) Rule 415; Cutback. If at any time the SEC takes the position that the offering of some or all of the Registrable Securities in any Registration Statement is not eligible to be made on a delayed or continuous basis under the provisions of Rule 415 under the Securities Act (provided, however, the Company shall be obligated to use commercially reasonable efforts to advocate with the SEC for the registration of all of the Registrable Securities) or requires any Investor to be named as an “underwriter,” the Company shall (i) promptly notify each holder of Registrable Securities thereof and (ii) make commercially reasonable efforts to persuade the SEC that the offering contemplated by such Registration Statement is a valid secondary offering and not an offering “by or on behalf of the issuer” as defined in Rule 415 and that none of the Investors is an “underwriter.” The Investors shall have the right to have its legal counsel, at such Investor’s expense, review and oversee any registration or matters pursuant to this Section 2(d), including participation in any meetings or discussions with the SEC regarding the SEC’s position and to comment on any written submission made to the SEC with respect thereto. No such written submission with respect to this matter shall be made to the SEC to which any Investor’s counsel reasonably objects. In the event that, despite the Company’s reasonable best efforts and compliance with the terms of this Section 2(d), the SEC refuses to alter its position, the Company shall (i) remove from such Registration Statement such portion of the Registrable Securities (the “Cut Back Shares”) and/or (ii) agree to such restrictions and limitations on the registration and resale of the Registrable Securities as the SEC may require to assure the Company’s compliance with the requirements of Rule 415 (collectively, the “SEC Restrictions”); provided, however, that the Company shall not name any Investor as an “underwriter” in such Registration Statement without the prior written consent of such Investor (provided that, in the event an Investor withholds such consent, the Company shall have no obligation hereunder to include any Registrable Securities of such Investor in the Registration Statement covering the resale thereof until such time as the SEC no longer requires such Investor to be named as an “underwriter” in such Registration Statement or such Investor otherwise consents in writing to being so named). Any cut-back imposed on the Investors pursuant to this Section 2(d) shall be allocated among the Investors on a pro rata basis, unless the SEC Restrictions otherwise require or provide or the Investors otherwise agree. No liquidated damages shall accrue as to any Cut Back Shares until such date as the

Company is able to effect the registration of such Cut Back Shares in accordance with any SEC Restrictions applicable to such Cut Back Shares (such date, the “Restriction Termination Date”). From and after the Restriction Termination Date applicable to any Cut Back Shares, all of the provisions of this Section 2 (including the Company’s obligations with respect to the filing of a Registration Statement and its obligations to use reasonable efforts to have such Registration Statement declared effective within the time periods set forth herein and the liquidated damages provisions relating thereto) shall again be applicable to such Cut Back Shares; provided, however, that the date by which the Company is required to file the Registration Statement with respect to such Cut Back Shares shall be the tenth (tenth) day following the Restriction Termination Date and the date by which the Company is required to have the Registration Statement effective with respect to such Cut Back Shares shall be the sixtieth (60th) day immediately after the Restriction Termination Date.

3. RELATED COMPANY OBLIGATIONS.

With respect to the Registration Statement and whenever any Registrable Securities are to be Registered pursuant to Section 2, including on the Initial Registration Statement or on any New Registration Statement, the Company shall use its commercially reasonable efforts to effect the registration of the Registrable Securities in accordance with the intended method of disposition thereof and, pursuant thereto, the Company shall have the following obligations:

(a) Notifications. The Company will notify the Investors promptly of the time when any subsequent amendment to the Initial Registration Statement or any New Registration Statement, other than documents incorporated by reference, has been filed with the SEC and/or has become effective or where a receipt has been issued therefor or any subsequent supplement to a prospectus has been filed and of any request by the SEC for any amendment or supplement to the Registration Statement, any New Registration Statement or any prospectus or for additional information.

(b) Amendments. The Company will prepare and file with the SEC any amendments, post-effective amendments or supplements to the Initial Registration Statement, any New Registration Statement or any related prospectus, as applicable, that, (a) as may be necessary to keep such Registration Statement effective for the Effectiveness Period and to comply with the provisions of the Securities Act and the Exchange Act with respect to the distribution of all of the Registrable Securities covered thereby, or (b) in the reasonable opinion of the Investors and the Company, as may be necessary or advisable in connection with any acquisition or sale of Registrable Securities by the Investors.

(c) Investor Review. The Company will not file any amendment or supplement to the Registration Statement, any New Registration Statement or any prospectus, other than documents incorporated by reference, relating to the Investors, the Registrable Securities or the transactions contemplated hereby unless (A) the Investors and their counsel shall have been advised and afforded the opportunity to review and comment thereon at least four (4) Business Days prior to filing with the SEC and (B) the Company shall have given reasonable due consideration to any comments thereon received from the Investors or their counsel.

(d) Copies Available. The Company will furnish to any Investor whose Registrable Securities are included in any Registration Statement and its counsel copies of the Initial Registration Statement, any prospectus thereunder (including all documents incorporated by reference therein), any prospectus supplement thereunder, any New Registration Statement and all amendments to the Initial Registration Statement or any New Registration Statement that are filed with the SEC during the Registration Period (including all documents filed with or furnished to the SEC during such period that are deemed to be incorporated by reference therein), and such other documents as Investor may reasonably request in order to facilitate the disposition of the Registrable Securities owned by Investor that are covered by such Registration Statement, in each case as soon as reasonably practicable upon such Investor's request and in such quantities as such Investor may from time to time reasonably request; provided, however, that the Company shall not be required to furnish any document to the Investor to the extent such document is available on EDGAR.

(e) Notification of Stop Orders; Material Changes. The Company shall use commercially reasonable efforts to (i) prevent the issuance of any stop order or other suspension of effectiveness and, (ii) if such order is issued, obtain the withdrawal of any such order as soon as practicable. The Company shall advise the Investors promptly (but in no event later than 24 hours) and shall confirm such advice in writing, in each case: (i) of the Company's receipt of notice of any request by the SEC or any other federal or state governmental authority for amendment of or a supplement to the Registration Statement or any prospectus or for any additional information; (ii) of the Company's receipt of notice of the issuance by the SEC or any other federal or state governmental authority of any stop order suspending the effectiveness of the Initial Registration Statement or prohibiting or suspending the use of any prospectus or prospectus supplement, or any New Registration Statement, or of the Company's receipt of any notification of the suspension of qualification of the Registrable Securities for offering or sale in any jurisdiction or the initiation or contemplated initiation of any proceeding for such purpose; and (iii) of the Company becoming aware of the happening of any event, which makes any statement of a material fact made in any Registration Statement or any prospectus untrue or which requires the making of any additions to or changes to the statements then made in any Registration Statement or any prospectus in order to state a material fact required by the Securities Act to be stated therein or necessary in order to make the statements then made therein (in the case of any prospectus, in light of the circumstances under which they were made) not misleading, or of the necessity to amend any Registration Statement or any prospectus to comply with the Securities Act or any other law. The Company shall not be required to disclose to the Investors the substance of specific reasons of any of the events set forth in clause (i) to (iii) of the immediately preceding sentence (each, a "Suspension Event"), but rather, shall only be required to disclose that the event has occurred

(f) Confirmation of Effectiveness. If reasonably requested by an Investor at any time in respect of any Registration Statement, the Company shall deliver to such Investor a written confirmation from Company's counsel of whether or not the effectiveness of such Registration Statement has lapsed at any time for any reason (including, without limitation, the issuance of a stop order) and whether or not such Registration Statement is currently effective and available to the Company for sale of Registrable Securities.

(g) Listing. The Company shall use best efforts to cause all Registrable Securities covered by a Registration Statement to be listed on a National Exchange.

(h) Compliance. The Company shall otherwise use best efforts to comply with all applicable rules and regulations of the SEC under the Securities Act and the Exchange Act, including, without limitation, Rule 172 under the Securities Act, file any final prospectus, including any supplement or amendment thereof, with the SEC pursuant to Rule 424 under the Securities Act, promptly inform the Investor in writing if, at any time during the Effectiveness Period, the Company does not satisfy the conditions specified in Rule 172 and, as a result thereof, the Investor is required to deliver a prospectus in connection with any disposition of Registrable Securities and take such other actions as may be reasonably necessary to facilitate the registration of the Registrable Securities hereunder, and make available to its security holders, as soon as reasonably practicable, but not later than the Availability Date (as defined below), an earnings statement covering a period of at least twelve (12) months, beginning after the effective date of each Registration Statement, which earnings statement shall satisfy the provisions of Section 11(a) of the Securities Act, including Rule 158 promulgated thereunder (for the purpose of this subsection 3(h), “Availability Date” means the forty-fifth (45th) day following the end of the fourth (4th) fiscal quarter that includes the effective date of such Registration Statement, except that, if such fourth (4th) fiscal quarter is the last quarter of the Company’s fiscal year, “Availability Date” means the ninetieth (90th) day after the end of such fourth (4th) fiscal quarter).

(i) Blue-Sky. The Company shall use best efforts to register or qualify or cooperate with the Investor and their counsel in connection with the registration or qualification of such Registrable Securities for the offer and sale under the securities or blue sky laws of such jurisdictions reasonably requested by the Investor; provided, however, that the Company shall not be required in connection therewith or as a condition thereto to (i) qualify to do business in any jurisdiction where it would not otherwise be required to qualify but for this Section 3(i), (ii) subject itself to general taxation in any jurisdiction where it would not otherwise be so subject but for this Section 3(i), or (iii) file a general consent to service of process in any such jurisdiction.

(j) Rule 144. With a view to making available to the Investors the benefits of Rule 144 (or its successor rule) and any other rule or regulation of the SEC that may at any time permit the Investors to sell shares of Common Stock to the public without registration, the Company covenants and agrees to: (i) make and keep adequate current public information available, as those terms are understood and defined in Rule 144, until the earlier of (A) six (6) months after such date as all of the Registrable Securities may be sold without restriction by the holders thereof pursuant to Rule 144 or any other rule of similar effect or (B) such date as there are no longer Registrable Securities; (ii) file with the SEC in a timely manner all reports and other documents required of the Company under the Exchange Act; (iii) furnish electronically to each Investor upon request, as long as such Investor owns any Registrable Securities, (A) a written statement by the Company that it has complied with the reporting requirements of the Exchange Act, (B) a copy of or electronic access to the Company’s most recent Annual Report on Form 10-K or Quarterly Report on Form 10-Q, and (C) such other information as may be reasonably requested in order to avail such Investor of any rule or regulation of the SEC that permits the selling of any such Registrable Securities without registration and (iv) provide any legal opinions.

(k) Delivery of Shares. The Company shall cooperate with the holders of the Registrable Securities to facilitate the timely preparation and delivery of certificates or uncertificated shares representing the Registrable Securities to be sold pursuant to such Registration Statement or Rule 144 free of any restrictive legends and representing such number of shares of Common Stock and registered in such names as the holders of the Registrable Securities may reasonably request to the extent permitted by such Registration Statement or Rule 144 to effect sales of Registrable Securities; for the avoidance of doubt, the Company may satisfy its obligations hereunder without issuing physical stock certificates through the use of The Depository Trust Company's Direct Registration System.

(l) The Company shall use reasonable best efforts to cause the Company's transfer agent to remove any restrictive legend from any Registrable Securities, as promptly as practicable following such request.

4. OBLIGATIONS OF THE INVESTORS.

(a) Investor Information. The Investors shall provide a completed Investor Questionnaire in the form attached hereto as Exhibit A in connection with the registration of the Registrable Securities. The Investors will as promptly as practicable notify the Company of any material change in the information provided hereunder, other than changes in its ownership of Common Stock.

(b) Suspension of Sales. The Investors agree that, upon receipt of any notice from the Company of the existence of Suspension Event as set forth in Section 3(e), the Investors will immediately discontinue disposition of Registrable Securities pursuant to any Registration Statement covering such Registrable Securities until the Investors' receipt of a notice from the Company confirming the resolution of such Suspension Event and that such dispositions may again be made.

(c) Investor Cooperation. The Investors agree to cooperate with the Company as reasonably requested by the Company in connection with the preparation and filing of any amendments and supplements to any Registration Statement or New Registration Statement hereunder, unless any Investor has notified the Company in writing of its election to exclude all of its Registrable Securities from such Registration Statement.

5. EXPENSES OF REGISTRATION.

All Registration Expenses incurred in connection with registrations pursuant to this Agreement shall be borne by the Company. All Selling Expenses relating to securities registered on behalf of the Investors shall be borne by the Investors pro rata on the basis of the number of Registrable Securities so registered.

6. INDEMNIFICATION.

(a) To the fullest extent permitted by law, the Company will, and hereby does, indemnify, hold harmless and defend the Investors, each Person, if any, who controls the Investors, the members, the directors, officers, partners, employees, members, managers, agents, representatives and advisors of the Investors and each Person, if any, who controls the Investors within the meaning of the Securities Act or the Exchange Act (each, an “Indemnified Person”), against any losses, obligation, claims, damages, liabilities, contingencies, judgments, fines, penalties, charges, costs (including, without limitation, court costs and costs of preparation, reasonable and documented attorneys’ fees, amounts paid in settlement (with the prior consent of the Company, such consent not to be unreasonably withheld) or reasonable and documented expenses, (collectively, “Claims”)) reasonably incurred in investigating, preparing or defending any action, claim, suit, inquiry, proceeding, investigation or appeal taken from the foregoing by or before any court or governmental, administrative or other regulatory agency or body or the SEC, whether pending or threatened, whether or not an indemnified party is or may be a party thereto (“Indemnified Damages”), to which any of them may become subject insofar as such Claims (or actions or proceedings, whether commenced or threatened, in respect thereof) arise out of or are based upon: (i) any untrue statement or alleged untrue statement or omission or alleged omission of any material fact contained in any Registration Statement, any preliminary prospectus or final prospectus, or any amendment or supplement thereof, or (ii) any violation or alleged violation by the Company or any of its Subsidiaries of the Securities Act, Exchange Act or any other state securities or other “blue sky” laws of any jurisdiction in which Registrable Securities are offered or any rule or regulation promulgated thereunder applicable to the Company or its agents and relating to action or inaction required of the Company in connection with such registration of the Registrable Securities (the matters in the foregoing clauses (i) and (ii) being, collectively, “Violations”). The Company shall reimburse each Indemnified Person promptly as such expenses are incurred and are due and payable, for any reasonable out-of-pocket legal fees or other reasonable and documented expenses incurred by them in connection with investigating or defending any such Claim. Notwithstanding anything to the contrary contained herein, the indemnification agreement contained in this Section 6(a): (A) shall not apply to a Claim by an Indemnified Person arising out of or based upon a Violation which occurs in reliance upon and in conformity with information furnished in writing to the Company by the Investors or such Indemnified Person specifically for use in such Registration Statement or prospectus and was reviewed and approved in writing by such Investor or such Indemnified Person expressly for use in connection with the preparation of any Registration Statement, any prospectus or any such amendment thereof or supplement thereto, if such in each case if the foregoing was timely made available by the Company; (B) with respect to any superseded prospectus, shall not inure to the benefit of any such Person from whom the Person asserting any such Claim purchased the Registrable Securities that are the subject thereof (or to the benefit of any other Indemnified Person) if the untrue statement or omission of material fact contained in the superseded prospectus was corrected in the revised prospectus, as then amended or supplemented, and the Indemnified Person was promptly advised in writing not to use the outdated, defective or incorrect prospectus prior to the use giving rise to a violation; (C) shall not be available to the extent such Claim is based on a failure of the Investors to deliver, or cause to be delivered, if required the prospectus to the Persons asserting an untrue statement or omission or alleged untrue statement or omission at or prior to the written confirmation of the sale of Registrable Securities; and (D) shall not apply to

amounts paid in settlement of any Claim if such settlement is effected without the prior written consent of the Company, which consent shall not be unreasonably withheld. Such indemnity shall remain in full force and effect regardless of any investigation made by or on behalf of the Indemnified Person and shall survive the transfer of the Registrable Securities by the Investor pursuant to Section 8.

(b) In connection with the Initial Registration Statement, any New Registration Statement or any prospectus, each Investor, severally and not jointly, agrees to indemnify, hold harmless and defend, the Company, each of its directors, each of its officers who signed the Initial Registration Statement or signs any New Registration Statement, each Person, if any, who controls the Company within the meaning of the Securities Act or the Exchange Act (collectively and together with an Indemnified Person, an “Indemnified Party”), against any losses, claims, damages, liabilities and expense (including reasonable attorney fees) resulting from any Violation, in each case to the extent, and only to the extent, that such Violation occurs in reliance upon and in conformity with information about such Investor furnished in writing by such Investor to the Company and reviewed and approved in writing by such Investor or such Indemnified Person expressly for use in connection with the preparation of the Registration Statement, any New Registration Statement, any prospectus or any such amendment thereof or supplement thereto. In no event shall the liability of any Investor be greater in amount than the dollar amount of the proceeds (net of all expense paid by Investor in connection with any claim relating to this Section 6 and the amount of any damages Investor has otherwise been required to pay by reason of such untrue statement or omission) received by Investor upon the sale of the Registrable Securities included in such Registration Statement giving rise to such indemnification obligation. Such indemnity shall remain in full force and effect regardless of any investigation made by or on behalf of such Indemnified Party and shall survive the transfer of the Registrable Securities by any Investor pursuant to Section 8.

(c) Promptly after receipt by an Indemnified Person or Indemnified Party under this Section 6 of notice of the commencement of any action or proceeding (including any governmental action or proceeding) involving a Claim, such Indemnified Person or Indemnified Party shall, if a Claim in respect thereof is to be made against any indemnifying party under this Section 6, deliver to the indemnifying party a written notice of the commencement thereof, and the indemnifying party shall have the right to participate in, and, to the extent the indemnifying party so desires, jointly with any other indemnifying party similarly noticed, to assume control of the defense thereof with counsel mutually satisfactory to the indemnifying party and the Indemnified Person or the Indemnified Party, as the case may be, and upon such notice, the indemnifying party shall not be liable to the Indemnified Person or the Indemnified Party for any legal or other expenses subsequently incurred by the Indemnified Person or the Indemnified Party in connection with the defense thereof; provided, however, that an Indemnified Person or Indemnified Party (together with all other Indemnified Persons and Indemnified Parties that may be represented without conflict by one counsel) shall have the right to retain its own counsel with the reasonable fees and expenses to be paid by the indemnifying party, if, in the reasonable opinion of counsel retained by the indemnifying party, the representation by such counsel of the Indemnified Person or Indemnified Party and the indemnifying party would be inappropriate due to actual or potential differing interests between such Indemnified Person or Indemnified Party and any other party represented by such counsel in such proceeding. The Indemnified Party or

Indemnified Person shall cooperate with the indemnifying party in connection with any negotiation or defense of any such action or claim by the indemnifying party and shall furnish to the indemnifying party all information reasonably available to the Indemnified Party or Indemnified Person which relates to such action or claim. The indemnifying party shall keep the Indemnified Party or Indemnified Person fully apprised as to the status of the defense or any settlement negotiations with respect thereto. No indemnifying party shall be liable for any settlement of any action, claim or proceeding effected without its written consent, provided, however, that the indemnifying party shall not unreasonably withhold, delay or condition its consent. No indemnifying party shall, without the consent of the Indemnified Party or Indemnified Person, consent to entry of any judgment or enter into any settlement or other compromise which does not include as an unconditional term thereof the giving by the claimant or plaintiff to such Indemnified Party or Indemnified Person of a release from all liability in respect to such claim or litigation. Following indemnification as provided for hereunder, the indemnifying party shall be subrogated to all rights of the Indemnified Party or Indemnified Person with respect to all third parties, firms or corporations relating to the matter for which indemnification has been made. The failure to deliver written notice to the indemnifying party within a reasonable time of the commencement of any such action shall not relieve such indemnifying party of any liability to the Indemnified Person or Indemnified Party under this Section 6, except to the extent that the indemnifying party is prejudiced in its ability to defend such action.

(d) The indemnification required by this Section 6 shall be made by periodic payments of the amount thereof during the course of the investigation or defense, as and when bills are received or Indemnified Damages are incurred. Any Person receiving a payment pursuant to this Section 6 which person is later determined to not be entitled to such payment shall return such payment (including reimbursement of expenses) to the person making it.

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

7. CONTRIBUTION.

To the extent any indemnification by an indemnifying party is prohibited or limited by law, the indemnifying party agrees to make the maximum contribution with respect to any amounts for which it would otherwise be liable under Section 6 to the fullest extent permitted by law; provided, however, that: (i) no Person guilty of fraudulent misrepresentation (within the meaning of Section 11(f) of the Securities Act) shall be entitled to contribution from any Person who was not guilty of fraudulent misrepresentation; and (ii) contribution by any seller of Registrable Securities shall be limited in amount to the net amount of proceeds (net of all expenses paid by such holder in connection with any claim relating to this Section 7 and the amount of any damages such holder has otherwise been required to pay by reason of such untrue or alleged untrue statement or omission or alleged omission) received by such seller from the sale of such Registrable Securities giving rise to such contribution obligation.

8. ASSIGNMENT OF REGISTRATION RIGHTS.

The Company shall not assign this Agreement or any rights or obligations hereunder (whether by operation of law or otherwise) without the prior written consent of the Investors holding a majority of the Registrable Securities then outstanding; provided, however, that in any transaction, whether by merger, reorganization, restructuring, consolidation, financing or otherwise, whereby the Company is a party and in which the Registrable Securities are converted into the equity securities of another Person, from and after the effective time of such transaction, such Person shall, by virtue of such transaction, be deemed to have assumed the obligations of the Company hereunder, the term “Company” shall be deemed to refer to such Person and the term “Registrable Securities” shall be deemed to include the securities received by the Investor in connection with such transaction unless such securities are otherwise freely tradable by the Investor after giving effect to such transaction, and the prior written consent of the Investors holding a majority of the Registrable Securities then outstanding shall not be required for such transaction. An Investor may assign its rights under this Agreement without the consent of the Company to the extent provided in the Purchase Agreement. The provisions of this Agreement shall be binding upon and inure to the benefit of the Investor and its successors and permitted assigns.

9. AMENDMENTS AND WAIVERS.

The provisions of this Agreement, including the provisions of this sentence, may be amended, modified or supplemented, or waived only by a written instrument executed by (i) the Company and (ii) the holders of a majority of the then outstanding Registrable Securities (the “Required Holders”) (voting together as a single class), provided, that any party may give a waiver as to itself and provided further provided, that any amendment, modification, supplement or waiver that disproportionately and adversely affects the rights and obligations of any Investor relative to the comparable rights and obligations of the other Investors shall require the prior written consent of such adversely affected Investor or each Investor, as applicable. Notwithstanding the foregoing, a waiver or consent to depart from the provisions hereof with respect to a matter that relates exclusively to the rights of one or more Investors and that does not adversely directly or indirectly affect the rights of other Investors may be given by Investors holding all of the Registrable Securities to which such waiver or consent relates.

10. MISCELLANEOUS.

(a) Notices. Any notices or other communications required or permitted to be given hereunder shall be in writing and shall be deemed to be given (a) when delivered if personally delivered to the party for whom it is intended, (b) when delivered, if sent by electronic mail during normal business hours of the recipient, and if not sent during normal business hours, then on the recipient's next Business Day, (c) three (3) days after having been sent by certified or registered mail, return-receipt requested and postage prepaid, or (d) one (1) Business Day after deposit with a nationally recognized overnight courier, freight prepaid, specifying next Business Day delivery, with written verification of receipt:

i. If to the Company, addressed as follows:

Pyxis Oncology, Inc.
321 Harrison Avenue
11th Floor, Suite 1
Boston, MA 02118
Attention: Lara S. Sullivan, MD
Email: [_____]

with a copy (which shall not constitute notice):

Sidley Austin LLP.
555 California Street, Suite 2000
San Francisco, CA 94104
USA
Attention: Asher Rubin, Frank F. Rahmani
Email: [_____] , [_____]

ii. If to any Investor, at its address set forth on Exhibit A to the Purchase Agreement or to such e-mail address or address as subsequently modified by written notice given in accordance with this Section 10.

Any Person may change the address to which notices and communications to it are to be addressed by notification as provided for herein.

(b) No Waiver. No failure or delay on the part of either party hereto in the exercise of any power, right or privilege under this Agreement shall operate as a waiver thereof, nor shall any single or partial exercise of any such power, right or privilege preclude any other or further exercise thereof or of any other right, power or privilege.

(c) Governing Law. The provisions of Section 8.5 of the Purchase Agreement are incorporated by reference herein *mutatis mutandis*.

(d) Integration. This Agreement and the Purchase Agreement constitute the entire understanding among the parties hereto with respect to the subject matter hereof and thereof. There are no restrictions, promises, warranties or undertakings, other than those set forth or referred to herein and therein. This Agreement and the Purchase Agreement supersede all other prior oral or written agreements between the Investors, the Company, their affiliates and persons acting on their behalf with respect to the subject matter hereof and thereof.

(e) No Third Party Beneficiaries. Except as provided in Section 6 and Section 7, this Agreement is intended for the benefit of the parties hereto and their respective permitted successors and assigns, and is not for the benefit of, nor may any provision hereof be enforced by, any other Person. Nothing in this Agreement, express or implied, is intended to confer upon any party other than the parties hereto or their respective successors and assigns any rights, remedies, obligations, or liabilities under or by reason of this Agreement, except as expressly provided in this Agreement.

(f) Headings. The titles, subtitles and headings in this Agreement are for convenience of reference and shall not form part of, or affect the interpretation of, this Agreement.

(g) Counterparts. This Agreement may be executed in two or more identical counterparts, all of which shall be considered one and the same agreement and shall become effective when counterparts have been signed by each party and delivered to the other party; provided that a facsimile or pdf signature including any electronic signatures complying with the U.S. federal ESIGN Act of 2000, e.g., www.docusign.com shall be considered due execution and shall be binding upon the signatory thereto with the same force and effect as if the signature were an original, not a facsimile or pdf (or other electronic reproduction of a) signature.

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

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

(j) Severability. Any provision of this Agreement that is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions hereof but shall be interpreted as if it were written so as to be enforceable to the maximum extent permitted by applicable law, and any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction. To the extent permitted by applicable law, the parties hereby waive any provision of law which renders any provisions hereof prohibited or unenforceable in any respect.

(k) Non-Recourse. Notwithstanding anything that may be expressed or implied in this Agreement, the Company covenants, agrees and acknowledges that no recourse under this Agreement or any documents or instruments delivered in connection with this Agreement shall be had against any current or future director, officer, employee, stockholder, general or limited partner or member of the Investors or of any affiliates or assignees thereof, whether by the enforcement of any assessment or by any legal or equitable proceeding, or by virtue of any statute, regulation or other applicable law, it being expressly agreed and acknowledged that no personal liability whatsoever shall attach to, be imposed on or otherwise be incurred by any current or future director, officer, employee, stockholder, general or limited partner or member of the Investors or of any affiliates or assignees thereof, as such for any obligation of the Investors under this Agreement or any documents or instruments delivered in connection with this Agreement for any claim based on, in respect of or by reason of such obligations or their creation.

(l) Cumulative Remedies. The remedies provided herein are cumulative and not exclusive of any remedies provided by law.

[Signature Page Follows]

IN WITNESS WHEREOF, the parties have caused this Registration Rights Agreement to be duly executed as of date first written above.

COMPANY:

PYXIS ONCOLOGY, INC.

By: /s/ Pamela Connealy
Name: Pamela Connealy
Title: Chief Financial Officer & Chief Operating Officer

[Signature Page to Registration Rights Agreement]

IN WITNESS WHEREOF, the parties have caused this Registration Rights Agreement to be duly executed as of date first written above.

INVESTOR:

[NAME]

By: _____

Name: _____

Title: _____

Address:

Email:

[Signature Page to Registration Rights Agreement]

Exhibit A

Investor Questionnaire

The undersigned hereby provides the following information to the Company and represents and warrants that such information is accurate:

QUESTIONNAIRE

Name.

- (a) Full Legal Name of Investor

- (b) Full Legal Name of Registered Holder (if not the same as (a) above) through which Registrable Securities are held:

- (c) Full Legal Name of Natural Control Person (which means a natural person who directly or indirectly alone or with others has power to vote or dispose of the securities covered by this Questionnaire):

2. Address for Notices to Investor:

Telephone:

E-mail: _____

Contact Person:

3. Broker-Dealer Status:

(a) Are you a broker-dealer?

Yes No

If "yes" to Section 3(a), did you receive your Registrable Securities as compensation for investment banking services to the Company?

Yes No

Note: If "no" to Section 3(b), the Commission's staff has indicated that you should be identified as an underwriter in the Registration Statement.

Yes No

Note: If "no" to Section 3(b), the Commission's staff has indicated that you should be identified as an underwriter in the Registration Statement.

(c) Are you an affiliate of a broker-dealer?

Yes No

(d) If you are an affiliate of a broker-dealer, do you certify that you purchased the Registrable Securities in the ordinary course of business, and at the time of the purchase of the Registrable Securities to be resold, you had no agreements or understandings, directly or indirectly, with any person to distribute the Registrable Securities?

Yes No

Note: If “no” to Section 3(d), the Commission’s staff has indicated that you should be identified as an underwriter in the Registration Statement.

Yes No

Note: If “no” to Section 3(d), the Commission’s staff has indicated that you should be identified as an underwriter in the Registration Statement.

4. Beneficial Ownership of Securities of the Company Owned by the Investor.

Except as set forth below in this Item 4, the undersigned is not the beneficial or registered owner of any securities of the Company other than the securities issuable pursuant to the Purchase Agreement.

(a) Type and Amount of other securities beneficially owned by the Investor:

5. Relationships with the Company:

Except as set forth below, neither the undersigned nor any of its affiliates, officers, directors or principal equity holders (owners of 5% or more of the equity securities of the undersigned) has held any position or office or has had any other material relationship with the Company (or its predecessors or affiliates) during the past three years.

State any exceptions here:

The undersigned agrees to promptly notify the Company of any material inaccuracies or changes in the information provided herein that may occur subsequent to the date hereof at any time while the Registration Statement remains effective; provided, that the undersigned shall not be required to notify the Company of any changes to the nature or number of securities held or owned by the undersigned or its affiliates.

By signing below, the undersigned consents to the disclosure of the information contained herein in its answers to Items 1 through 5 and the inclusion of such information in the Registration Statement and the related prospectus and any amendments or supplements thereto. The undersigned understands that such information will be relied upon by the Company in connection with the preparation or amendment of the Registration Statement and the related prospectus and any amendments or supplements thereto.

IN WITNESS WHEREOF the undersigned, by authority duly given, has caused this Notice and Questionnaire to be executed and delivered either in person or by its duly authorized agent.

Date: _____

Beneficial Owner: _____

By: _____
Name:

Title:

PLEASE EMAIL A .PDF COPY OF THE COMPLETED AND EXECUTED QUESTIONNAIRE TO:

Email: [_____]



Pyxis Oncology Announces \$50 Million Private Placement

February 27, 2024

BOSTON, Mass., Feb. 27, 2024 (GLOBE NEWSWIRE) -- Pyxis Oncology, Inc. (Nasdaq: "PYXS"), a clinical stage company focused on developing next generation therapeutics to target difficult-to-treat cancers, today announced that it has agreed to sell 8,849,371 shares of its common stock at a price of \$4.78 per share and pre-funded warrants to purchase 1,611,215 shares of its common stock at a price per pre-funded warrant of \$4.779 to a select group of institutional and accredited healthcare specialist investors in a private placement. The pre-funded warrant exercise price is \$0.001 per share. The private placement is expected to close on or about February 29, 2024, subject to customary closing conditions. Pyxis Oncology anticipates the gross proceeds from the private placement to be approximately \$50 million before deducting estimated fees and expenses.

The financing included participation from new and existing institutional investors, including Deep Track Capital, Ridgeback Capital Investments L.P., Blue Owl Healthcare Opportunities, Laurion Capital Management, and StemPoint Capital L.P.

Pyxis Oncology intends to use the net proceeds from this proposed financing to fund the continued development of PYX-201, the Company's lead antibody-drug conjugate therapeutic candidate, being evaluated in an ongoing phase 1 study for solid tumors and for working capital and general corporate purposes.

Leerink Partners acted as lead placement agent and LifeSci Capital acted as co-placement agent for the private placement.

The securities to be sold in the private placement and described above have not been registered under the Securities Act of 1933, as amended (the "Securities Act"). Accordingly, these securities may not be offered or sold in the United States, except pursuant to an effective registration statement or an applicable exemption from the registration requirements of the Securities Act. Pyxis Oncology has agreed to file a registration statement with the U.S. Securities and Exchange Commission (the "SEC") registering the resale of the shares of common stock issued in the private placement and the shares of common stock issuable upon the exercise of the pre-funded warrants issued in the private placement no later than the 30th day after from the signing of the registration rights agreement.

This press release shall not constitute an offer to sell or the solicitation of an offer to buy, nor shall there be any offer, solicitation or sale of these securities in any jurisdiction in which such offer, solicitation or sale would be unlawful. Any offering of the securities under the resale registration statement will only be made by means of a prospectus.

About Pyxis Oncology, Inc.

Pyxis Oncology, Inc. is a clinical stage company focused on defeating difficult-to-treat cancers. The company is efficiently building next generation therapeutics that hold the potential for mono and combination therapies. PYX-201 and PYX-106 are being evaluated in ongoing Phase 1 clinical studies in multiple types of solid tumors. Pyxis Oncology's therapeutic candidates are designed to directly kill tumor cells and to address the underlying pathologies created by cancer that enable its uncontrollable proliferation and immune evasion. Pyxis Oncology's antibody-drug conjugates (ADCs) and immunology (IO) programs employ novel and emerging strategies to target a broad range of solid tumors resistant to current standards of care.

Forward-Looking Statements

This press release contains forward-looking statements for the purposes of the safe harbor provisions under The Private Securities Litigation Reform Act of 1995 and other federal securities laws. These statements are often identified by the use of words such as “anticipate,” “believe,” “can,” “continue,” “could,” “estimate,” “expect,” “intend,” “likely,” “may,” “might,” “objective,” “ongoing,” “plan,” “potential,” “predict,” “project,” “should,” “to be,” “will,” “would,” or the negative or plural of these words, or similar expressions or variations, although not all forward-looking statements contain these words. We cannot assure you that the events and circumstances reflected in the forward-looking statements will be achieved or occur and actual results could differ materially from those expressed or implied by these forward-looking statements. Factors that could cause or contribute to such differences include, but are not limited to, those identified herein, and those discussed in the section titled “Risk Factors” set forth in Pyxis Oncology’s Annual Report on Form 10-K for the year ended December 31, 2022, Pyxis Oncology’s Quarterly Report on Form 10-Q for the quarter ended March 31, 2023, Pyxis Oncology’s Quarterly Report on Form 10-Q for the quarter ended June 30, 2023, Pyxis Oncology’s Quarterly Report on Form 10-Q for the quarter ended September 30, 2023 and our other filings, each of which is on file with the Securities and Exchange Commission. These risks are not exhaustive. New risk factors emerge from time to time, and it is not possible for our management to predict all risk factors, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements. In addition, statements that “we believe” and similar statements reflect our beliefs and opinions on the relevant subject. These statements are based upon information available to us as of the date hereof and while we believe such information forms a reasonable basis for such statements, such information may be limited or incomplete, and our statements should not be read to indicate that we have conducted an exhaustive inquiry into, or review of, all potentially available relevant information. These statements are inherently uncertain, and investors are cautioned not to unduly rely upon these statements. Except as required by law, we undertake no obligation to update any forward-looking statements to reflect events or circumstances after the date of such statements.

Pyxis Oncology Contact

Pamela Connealy
CFO and COO
ir@pyxisoncology.com

