

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 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): August 10, 2020

**TFF PHARMACEUTICALS, INC.**  
(Exact Name of Registrant as Specified in Its Charter)

**Delaware**

(State or Other Jurisdiction of  
Incorporation)

**001-39102**

(Commission File Number)

**82-4344737**

(I.R.S. Employer  
Identification Number)

**2600 Via Fortuna, Suite 360**  
**Austin, Texas 78746**  
(Address of principal executive offices)

**(737) 802-1973**  
(Registrant's telephone number, including area code)

(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 obligations 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 240.14d-2(b))
- 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))

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.

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

<b>Title of each class</b>	<b>Trading Symbol(s)</b>	<b>Name of each exchange on which registered</b>
Common stock: Par value \$.001	TFFP	Nasdaq Capital Market

### Item 1.01 Entry into a Material Definitive Agreement.

On August 10, 2020, TFF Pharmaceuticals, Inc. (the “Company”) entered into a Securities Purchase Agreement (the “Purchase Agreement”) and a Registration Rights Agreement (the “Registration Rights Agreement”) with certain institutional and other accredited investors (the “Investors”) pursuant to which the Company has agreed to issue and sell, and the Investors have agreed to buy, approximately 3,048,653 shares of the Company’s common stock at a price of \$8.50 per share (the “Securities”) for the approximate gross proceeds of \$25.91 million, before deducting placement agent and other offering expenses. The Purchase Agreement includes customary representations, warranties, and covenants by the Investors and the Company, and an indemnity from the Company in favor of the Investors. Pursuant to the terms of the Registration Rights Agreement, the Company will prepare and file a resale registration statement with the SEC on or about September 12, 2020. The Registration Rights Agreement also provides that the Company must make certain payments as liquidated damages to the Investors if the Company fails to timely file the registration statement or if the registration statement should become unavailable for the resale of the common shares, subject to certain exceptions.

Jefferies LLC acted as placement agent for the private placement and the private placement is expected to close on August 13, 2020, subject to customary closing conditions.

### Item 3.02 Unregistered Sales of Equity Securities

The information contained in Item 1.01 of this Current Report on Form 8-K is incorporated by reference into this Item 3.02. The Securities were offered and sold in transactions exempt from registration under the Securities Act of 1933, as amended (the “Securities Act”), in reliance on Section 4(a)(2) thereof and Regulation D thereunder. Each of the Investors represented that it was an “accredited investor,” as defined in Regulation D, and is acquiring the Securities for investment only and not with a view towards, or for resale in connection with, the public sale or distribution thereof. The Securities have not been registered under the Securities Act and such Securities may not be offered or sold in the United States absent registration or an exemption from registration under the Securities Act and any applicable state securities laws. Neither this Current Report on Form 8-K nor any of the exhibits attached hereto is an offer to sell or the solicitation of an offer to buy shares of common stock or any other securities of the Company.

### Item 8.01 Other Events

The Company issued a press release on August 11, 2020 announcing the private placement. The press release is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

### Item 9.01 Financial Statements and Exhibits

#### (d) Exhibits

#### Method Filing

The following exhibits are filed with this report:

Exhibit 10.1	<a href="#">Form of Securities Purchase Agreement, dated August 10, 2020, between the Company and Investors named therein</a>	Filed electronically herewith
Exhibit 10.2	<a href="#">Form of Registration Rights Agreement dated August 10, 2020 between the Company and investors named in the Securities Purchase Agreement</a>	Filed electronically herewith
Exhibit 99.1	<a href="#">Press Release dated August 11, 2020 announcing the private placement</a>	Filed electronically herewith

**SIGNATURES**

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

**TFF PHARMACEUTICALS, INC.**

Dated: August 11, 2020

*/s/ Kirk Coleman*

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Kirk Coleman,  
Chief Financial Officer

## SECURITIES PURCHASE AGREEMENT

This SECURITIES PURCHASE AGREEMENT (this “**Agreement**”) is made and entered into as of August 10, 2020 by and among TFF Pharmaceuticals, Inc., a Delaware corporation (the “**Company**”), and the Investors identified on the signature pages attached hereto (each an “**Investor**” and collectively the “**Investors**”).

## RECITALS

A. The Company and the Investors are executing and delivering this Agreement in reliance upon the exemption from securities registration afforded by the provisions of Section 4(a)(2) of the 1933 Act (as defined below), and Rule 506(b) of Regulation D (“**Regulation D**”) as promulgated by the SEC (as defined below) under the 1933 Act;

B. The Investors wish to purchase from the Company, and the Company wishes to sell and issue to the Investors, upon the terms and subject to the conditions stated in this Agreement, shares (the “**Shares**”) of the Company’s common stock, par value \$0.001 per share (“**Common Stock**”).

C. Contemporaneously with the sale of the Shares, the parties hereto will execute and deliver a Registration Rights Agreement, in the form attached hereto as Exhibit A (the “**Registration Rights Agreement**”), pursuant to which the Company will agree to provide certain registration rights in respect of the Shares under the 1933 Act and applicable state securities laws.

In consideration of the mutual promises made herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

**1. Definitions.** For the purposes of this Agreement, the following terms shall have the meanings set forth below:

“**Affiliate**” means, with respect to any Person, any other Person which directly or indirectly through one or more intermediaries Controls, is controlled by, or is under common Control with such Person.

“**Business Day**” means a day, other than a Saturday or Sunday, on which banks in New York City are open for the general transaction of business.

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

“**Closing Date**” means the Trading Day on which all of the Transaction Documents have been executed and delivered by the applicable parties thereto, and all conditions precedent to (i) the Investors’ obligations to pay the Subscription Amount and (ii) the Company’s obligations to deliver the Shares, in each case, have been satisfied or waived, but in no event later than the second (2nd) Trading Day following the date of this Agreement.

“**Common Stock**” has the meaning set forth in the recitals to this Agreement.

“**Company Counsel**” means Greenberg Traurig, LLP, with offices located in Irvine, California.

“**Company Covered Person**” means, with respect to the Company as an “issuer” for purposes of Rule 506 promulgated under the 1933 Act, any Person listed in the first paragraph of Rule 506(d)(1).

“**Intellectual Property**” has the meaning set forth in [Section 5.14](#).

“**Company’s Knowledge**” means the actual knowledge of the executive officers (as defined in Rule 405 under the 1933 Act) of the Company.

“**Control**” (including the terms “controlling,” “controlled by” or “under common control with”) means the possession, direct or indirect, of the power to direct or cause the direction of the management and policies of a Person, whether through the ownership of voting securities, by contract or otherwise.

“**Disclosure Time**” means, (i) if this Agreement is signed on a day that is not a Trading Day or after 9:00 a.m. (New York City time) and before midnight (New York City time) on any Trading Day, 9:01 a.m. (New York City time) on the Trading Day immediately following the date hereof, unless an earlier time is agreed to in writing by the Company and the Placement Agent, and (ii) if this Agreement is signed between midnight (New York City time) and 9:00 a.m. (New York City time) on any Trading Day, no later than 9:01 a.m. (New York City time) on the date hereof, unless an earlier time is agreed to in writing by the Company and the Placement Agent.

“**Disqualification Event**” has the meaning set forth in [Section 5.33](#).

“**EDGAR system**” has the meaning set forth in [Section 5.9](#).

“**Effective Date**” has the meaning set forth in [Section 7.2\(b\)](#).

“**Environmental Laws**” has the meaning set forth in [Section 5.18](#).

“**GAAP**” has the meaning set forth in [Section 5.17](#).

“**Governmental Entity**” means any national, federal, state, municipal, local, territorial, foreign or other government or any department, commission, board, bureau, agency, regulatory authority or instrumentality thereof, or any court, judicial, administrative or arbitral body or public or private tribunal.

“**Losses**” has the meaning set forth in [Section 8.2](#).

“**Material Adverse Effect**” means a material adverse effect on (i) the assets, liabilities, results of operations, financial condition or business of the Company and its subsidiaries taken as a whole, (ii) the legality or enforceability of any of the Transaction Documents or (iii) the ability of the Company to perform its obligations under the Transaction Documents on a timely basis.

“**Material Contract**” means any contract, instrument or other agreement to which the Company is a party or by which it is bound that has been filed or was required to have been filed as an exhibit to the SEC Filings pursuant to Item 601(b)(10) of Regulation S-K.

“**Nasdaq**” means the Nasdaq Capital Market.

“**Person**” means an individual, corporation, partnership, limited liability company, trust, business trust, association, joint stock company, joint venture, sole proprietorship, unincorporated organization, governmental authority or any other form of entity not specifically listed herein.

“**Placement Agent**” means Jefferies LLC.

“**Press Release**” has the meaning set forth in Section 7.7.

“**Principal Trading Market**” means the Trading Market on which the Common Stock is primarily listed on and quoted for trading, which, as of the date of this Agreement and the Closing Date, shall be the Nasdaq Capital Market.

“**Registration Rights Agreement**” has the meaning set forth in the recitals to this Agreement.

“**Regulation D**” has the meaning set forth in the recitals to this Agreement.

“**Required Investors**” has the meaning set forth in the Registration Rights Agreement.

“**SEC**” means the U.S. Securities and Exchange Commission.

“**SEC Filings**” has the meaning set forth in Section 5.8.

“**Shares**” has the meaning set forth in the recitals to this Agreement.

“**Short Sales**” means all “short sales” as defined in Rule 200 of Regulation SHO under the 1934 Act (but shall not be deemed to include the location and/or reservation of borrowable shares of Common Stock).

“**Subscription Amount**” has the meaning set forth in Section 3.1.

“**Trading Day**” means (i) a day on which the Common Stock is listed or quoted and traded on its Principal Trading Market (other than the OTC Bulletin Board), or (ii) if the Common Stock is not listed on a Trading Market (other than the OTC Bulletin Board), a day on which the Common Stock is traded in the over-the-counter market, as reported by the OTC Bulletin Board, or (iii) if the Common Stock is not quoted on any Trading Market, a day on which the Common Stock is quoted in the over-the-counter market as reported in the “pink sheets” by OTC Markets Group Inc. (or any similar organization or agency succeeding to its functions of reporting prices); provided, that in the event that the Common Stock is not listed or quoted as set forth in (i), (ii) or (iii) hereof, then Trading Day shall mean a Business Day.

“**Trading Market**” means whichever of the New York Stock Exchange, the NYSE American, the Nasdaq Global Select Market, the Nasdaq Global Market, the Nasdaq Capital Market or the OTC Bulletin Board on which the Common Stock is listed or quoted for trading on the date in question.

“**Transfer**” means (i) to sell, offer, transfer, assign, mortgage, hypothecate, gift, pledge or dispose of, or (ii) to enter into or agree to enter into any contract, option or other arrangement or understanding with respect to any sale, transfer, pledge, mortgage, hypothecation, gift, assignment or similar disposition.

“**Transfer Agent**” has the meaning set forth in Section 7.2(a).

“**Transaction Documents**” means this Agreement and the Registration Rights Agreement.

“**1933 Act**” means the Securities Act of 1933, as amended, or any successor statute, and the rules and regulations promulgated thereunder.

“**1934 Act**” means the Securities Exchange Act of 1934, as amended, or any successor statute, and the rules and regulations promulgated thereunder.

**2. Purchase and Sale of the Shares.** On the Closing Date, upon the terms and subject to the conditions set forth herein, the Company will issue and sell, and each Investor will purchase, severally and not jointly, the number of Shares set forth opposite the heading “Shares” on such Investor’s signature page attached hereto. The purchase price per Share shall be \$8.50.

### **3. Closing.**

**3.1 General.** Upon the satisfaction of the conditions set forth in Section 4, the completion of the purchase and sale of the Shares (the “**Closing**”) shall occur remotely via exchange of documents and signatures on the Closing Date. On the Closing Date, each Investor shall deliver or cause to be delivered to the Company, via wire transfer of immediately available funds pursuant to the wire instructions delivered to such Investor by the Company on or prior to the Closing Date, an amount equal to the purchase price (“**Subscription Amount**”) to be paid by the Investor for the Shares as set forth opposite the heading “Subscription Amount” on such Investor’s signature page attached hereto.

#### **3.2 Deliveries.**

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

- (i) this Agreement duly executed by the Company;
- (ii) a legal opinion of Company Counsel, in form and substance reasonably acceptable to the Investors;

(iii) a copy of the irrevocable instructions to the Transfer Agent instructing the Transfer Agent to deliver, on an expedited basis, a certificate (or, if requested by Investor, a book-entry confirmation) evidencing a number of Shares as set forth opposite the heading "Shares" on such Investor's signature page attached hereto, registered in the name of such Investor;

(iv) the Company shall have provided each Investor with the Company's wire instructions, on Company letterhead and executed by the Chief Executive Officer or Chief Financial Officer; and

(v) the Registration Rights Agreement duly executed by the Company.

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

(i) this Agreement duly executed by such Investor;

(ii) such Investor's Subscription Amount by wire transfer to the account specified in writing by the Company; and

(iii) the Registration Rights Agreement duly executed by such Investor.

#### **4. Conditions to Closing.**

**4.1 Conditions to the Investors' Obligations.** The obligation of each Investor to purchase Shares at the Closing is subject to the fulfillment to such Investor's satisfaction, on or prior to the Closing Date, of the following conditions, any of which may be waived by such Investor (as to itself only):

(a) The representations and warranties made by the Company in Section 5 hereof, as qualified by the Disclosure Schedules and the SEC Filings, 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. The Company shall have performed in all material respects all obligations and covenants herein required to be performed by it on or prior to the Closing Date.

(b) 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 Shares and the consummation of the other transactions contemplated by the Transaction Documents, all of which shall be in full force and effect.

(c) The Company shall have delivered the items set forth in Section 3.2(a).

(d) The Company shall have filed with Nasdaq a Notification Form: Listing of Additional Shares for the listing of the Shares.

(e) 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 authority, shall have been issued, and no action or proceeding shall have been instituted by any governmental authority, enjoining or preventing the consummation of the transactions contemplated hereby or in the other Transaction Documents.

(f) There shall have been no Material Adverse Effect with respect to the Company since the date hereof.

(g) 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.

**4.2 Conditions to Obligations of the Company.** The Company's obligation to sell and issue Shares at the Closing is subject to the fulfillment to the satisfaction of the Company on or prior to the Closing Date of the following conditions, any of which may be waived by the Company:

(a) The representations and warranties made by the Investors in Section 6 hereof shall be true and correct in all material respects as of the date hereof, and shall be true and correct as of the Closing Date with the same force and effect as if they had been 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. The Investors shall have performed in all material respects all obligations and covenants herein required to be performed by them on or prior to the Closing Date.

(b) The Investors shall have executed and delivered this Agreement and the Registration Rights Agreement.

(c) The Investors shall have paid in full its Subscription Amount to the Company.

**5. Representations and Warranties of the Company.** The Company hereby represents and warrants to the Investors and the Placement Agent that, except (a) as described in the Company's SEC Filings and (b) as set forth on the disclosure schedules delivered herewith (which are arranged in numbered and lettered sections corresponding to the numbered and lettered sections contained in this Section 5) (the "**Disclosure Schedules**"), each of which qualify these representations and warranties in their entirety:

**5.1 Organization, Good Standing and Qualification.** The Company is a corporation duly organized, validly existing and in good standing under the laws of the jurisdiction of its incorporation and has all requisite corporate power and authority to carry on its business as now conducted and to own or lease its properties. The Company is duly qualified to do business as a foreign corporation and is in good standing in each jurisdiction in which the conduct of its business or its ownership or leasing of property makes such qualification or leasing necessary unless the failure to so qualify has not had and would not reasonably be expected to have a Material Adverse Effect. The Company's subsidiaries are set forth on Exhibit 21.1 to its most recent Annual Report on Form 10-K, and the Company owns 100% of the outstanding equity of all such subsidiaries. The Company's subsidiaries are duly organized, validly existing and in good standing under the laws of their jurisdiction of incorporation and have all requisite power and authority to carry on their business as now conducted and to own or lease their properties. The Company's subsidiaries are duly qualified to do business as foreign corporations and are in good standing in each jurisdiction in which the conduct of their business or their ownership or leasing of property makes such qualification or leasing necessary unless the failure to so qualify has not had and would not reasonably be expected to have a Material Adverse Effect.

**5.2 Authorization.** The Company has the requisite corporate power and authority and has taken all requisite corporate action necessary for, and no further action on the part of the Company, its officers, directors and stockholders is necessary for, (i) the authorization, execution and delivery of the Transaction Documents, (ii) the authorization of the performance of all obligations of the Company hereunder or thereunder, and (iii) the authorization, issuance (or reservation for issuance) and delivery of the Shares. The Transaction Documents constitute the legal, valid and binding obligations of the Company, enforceable against the Company in accordance with their terms, subject to bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and similar laws of general applicability, relating to or affecting creditors' rights generally and to general equitable principles.

**5.3 Capitalization.** The capitalization of the Company as of the date hereof is as set forth on Schedule 5.3. All of the issued and outstanding shares of the Company's capital stock have been duly authorized and validly issued and are fully paid and nonassessable; none of such shares were issued in violation of any preemptive rights; and such shares were issued in compliance in all material respects with applicable state and federal securities law and any rights of third parties. No Person is entitled to preemptive or similar statutory or contractual rights with respect to the issuance by the Company of any securities of the Company, including, without limitation, the Shares. Except as set forth in Schedule 5.3, there are no outstanding warrants, options, convertible securities or other rights, agreements or arrangements of any character under which the Company is or may be obligated to issue any equity securities of any kind, except as contemplated by this Agreement. There are no voting agreements, buy-sell agreements, option or right of first purchase agreements or other similar agreements among the Company and any of the securityholders of the Company relating to the securities of the Company held by them. Except as provided in the Registration Rights Agreement, no Person has the right to require the Company to register any securities of the Company under the 1933 Act, whether on a demand basis or in connection with the registration of securities of the Company for its own account or for the account of any other Person.

The issuance and sale of the Shares hereunder will not obligate the Company to issue shares of Common Stock or other securities to any other Person (other than the Investors) and will not result in the adjustment of the exercise, conversion, exchange or reset price of any outstanding security.

The Company does not have outstanding stockholder purchase rights or “poison pill” or any similar arrangement in effect giving any Person the right to purchase any equity interest in the Company upon the occurrence of certain events.

**5.4 Valid Issuance.** The Shares have been duly and validly authorized and, when issued and paid for pursuant to this Agreement, will be validly issued, fully paid and nonassessable, and shall be free and clear of all encumbrances and restrictions (other than those created by the Investors), except for restrictions on transfer set forth in the Transaction Documents or imposed by applicable securities laws.

**5.5 Consents.** Subject to the accuracy of the representations and warranties of each Investor set forth in Section 6 hereof, the execution, delivery and performance by the Company of the Transaction Documents and the offer, issuance and sale of the Shares require no consent of, action by or in respect of, or filing with, any Person, governmental body, agency, or official other than (a) filings that have been made pursuant to applicable state securities laws, (b) post-sale filings pursuant to applicable state and federal securities laws, (c) filings pursuant to the rules and regulations of Nasdaq and (d) filing of the registration statement required to be filed by the Registration Rights Agreement, each of which the Company has filed or undertakes to file within the applicable time. Subject to the accuracy of the representations and warranties of each Investor set forth in Section 6 hereof, the Company has taken all action necessary to exempt (i) the issuance and sale of the Shares and (ii) the other transactions contemplated by the Transaction Documents from the provisions of any stockholder rights plan or other “poison pill” arrangement, any anti-takeover, business combination or control share law or statute binding on the Company or to which the Company or any of its assets and properties is subject that is or could reasonably be expected to become applicable to the Investors as a result of the transactions contemplated hereby, including without limitation, the issuance of the Shares and the ownership, disposition or voting of the Shares by the Investors or the exercise of any right granted to the Investors pursuant to this Agreement or the other Transaction Documents.

**5.6 Use of Proceeds.** The net proceeds of the sale of the Shares hereunder shall be used by the Company for working capital and general corporate purposes.

**5.7 No Material Adverse Change.** Since March 31, 2020, except as identified and described in the SEC Filings filed at least one Trading Day prior to the date hereof, there has not been:

(i) any change in the consolidated assets, liabilities, financial condition or operating results of the Company from that reflected in the financial statements included in the Company’s Quarterly Report on Form 10-Q for the quarter ended March 31, 2020, except for changes in the ordinary course of business which have not had and would not reasonably be expected to have a Material Adverse Effect, individually or in the aggregate;

(ii) any declaration or payment by the Company of any dividend, or any authorization or payment by the Company of any distribution, on any of the capital stock of the Company, or any redemption or repurchase by the Company of any securities of the Company;

(iii) any material damage, destruction or loss, whether or not covered by insurance, to any assets or properties of the Company;

(iv) any waiver, not in the ordinary course of business, by the Company of a material right or of a material debt owed to it;

(v) any satisfaction or discharge of any lien, claim or encumbrance or payment of any obligation by the Company, except in the ordinary course of business and which is not material to the assets, properties, financial condition, operating results or business of the Company (as such business is presently conducted);

(vi) any change or amendment to the Company's Certificate of Incorporation or Bylaws, or material change to any material contract or arrangement by which the Company is bound or to which any of its assets or properties is subject;

(vii) any material labor difficulties or, to the Company's Knowledge, labor union organizing activities with respect to employees of the Company;

(viii) any material transaction entered into by the Company other than in the ordinary course of business;

(ix) the loss of the services of any key employee, or material change in the composition or duties of the senior management of the Company; or

(x) any other event or condition of any character that has had or would reasonably be expected to have a Material Adverse Effect.

**5.8 SEC Filings.** The Company has timely filed all reports, schedules, forms, statements and other documents required to be filed by the Company under the 1933 Act and the 1934 Act, including pursuant to Section 13(a) or 15(d) thereof, preceding the date hereof (collectively, the "SEC Filings"). At the time of filing thereof, the SEC Filings complied in all material respects with the requirements of the 1933 Act or the 1934 Act, as applicable, and the rules and regulations of the SEC thereunder.

**5.9 No Conflict, Breach, Violation or Default.** The execution, delivery and performance of the Transaction Documents by the Company and the issuance and sale of the Shares in accordance with the provisions thereof will not, except (solely in the case of clauses (i)(b) and (ii)) for such violations, conflicts or defaults as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect, (i) conflict with or result in a breach or violation of (a) any of the terms and provisions of, or constitute a default under, the Company's Certificate of Incorporation or the Company's Bylaws, both as in effect on the date hereof (true and complete copies of which have been made available to the Investors through the Electronic Data Gathering, Analysis, and Retrieval system (the "EDGAR system")), or (b) assuming the accuracy of the representations and warranties in Section 6, any applicable statute, rule, regulation or order of any governmental agency or body or any court, domestic or foreign, having jurisdiction over the Company or its subsidiaries, or any of their assets or properties, or (ii) conflict with, or constitute a default (or an event that with notice or lapse of time or both would become a default) under, result in the creation of any lien, encumbrance or other adverse claim upon any of the properties or assets of the Company or its subsidiaries or give to others any rights of termination, amendment, acceleration or cancellation (with or without notice, lapse of time or both) of, any Material Contract. This Section does not relate to matters with respect to tax status, which are the subject of Section 5.10, employee relations and labor matters, which are the subject of Section 5.13, or environmental laws, which are the subject of Section 5.15.

**5.10 Tax Matters.** The Company and its subsidiaries have timely prepared and filed all material tax returns required to have been filed by them with all appropriate governmental agencies and timely paid all material taxes shown thereon or otherwise owed by them. There are no material unpaid assessments against the Company nor, to the Company's Knowledge, any audits by any federal, state or local taxing authority. All material taxes that the Company is required to withhold or to collect for payment have been duly withheld and collected and paid to the proper governmental entity or third party when due. There are no tax liens pending or, to the Company's Knowledge, threatened against the Company or any of its assets or property. With the exception of agreements or other arrangements that are not primarily related to taxes entered into in the ordinary course of business, there are no outstanding tax sharing agreements or other such arrangements between the Company and any other corporation or entity (other than a subsidiary of the Company).

**5.11 Title to Properties.** The Company and its subsidiaries have good and marketable title to all real properties and all other material properties and assets owned by them, in each case free from liens, encumbrances and defects, except such as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect; and the Company and its subsidiaries hold any leased real or personal property under valid and enforceable leases with no exceptions, except such as would not reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect.

**5.12 Certificates, Authorities and Permits.** The Company possesses adequate certificates, authorities or permits issued by appropriate governmental agencies or bodies necessary to conduct the business now operated by it, except where failure to so possess would not reasonably be expected, individually or in the aggregate, to result in a Material Adverse Effect. The Company has not received any written notice of proceedings relating to the revocation or modification of any such certificate, authority or permit that would reasonably be expected to have a Material Adverse Effect, individually or in the aggregate, on the Company.

**5.13 Labor Matters.**

(a) The Company is not party to or bound by any collective bargaining agreements or other agreements with labor organizations. To the Company's Knowledge, the Company has not violated in any material respect any laws, regulations, orders or contract terms affecting the collective bargaining rights of employees or labor organizations, or any laws, regulations or orders affecting employment discrimination, equal opportunity employment, or employees' health, safety, welfare, wages and hours.

(b) No material labor dispute with the employees of the Company, or with the employees of any principal supplier, manufacturer, customer or contractor of the Company, exists or, to the Company's Knowledge, is threatened or imminent.

**5.14 Intellectual Property.** The Company and its subsidiaries own, possess, license or have other rights to use, all patents, patent applications, trade and service marks, trade and service mark registrations, trade names, copyrights, licenses, inventions, trade secrets, technology, know-how and other intellectual property (collectively, the “**Intellectual Property**”) necessary for the conduct of the Company’s business in all material respects as now conducted or as proposed in the SEC Filings to be conducted; and (a) there are no rights of third parties to any such Intellectual Property, including no liens, security interests or other encumbrances; (b) to the Company’s Knowledge, there is no material infringement by third parties of any such Intellectual Property; (c) there is no pending or, to the Company’s Knowledge, threatened action, suit, proceeding or claim by others challenging the Company’s rights in or to any such Intellectual Property; (d) such Intellectual Property that is described in the SEC Filings has not been adjudged by a court of competent jurisdiction invalid or unenforceable, in whole or in part; (e) there is no pending or, to the Company’s Knowledge, threatened action, suit, proceeding or claim by others challenging the validity or scope of any such Intellectual Property that is owned or licensed by the Company, including interferences, oppositions, reexaminations or government proceedings; (f) there is no pending or, to the Company’s Knowledge, threatened action, suit, proceeding or claim by others that the Company infringes, misappropriates, or otherwise violates any patent, trademark, copyright, trade secret or other proprietary rights of others; and (g) to the Company’s Knowledge, each key employee of the Company and each Company employee involved with the development of Intellectual Property has entered into an invention assignment agreement with the Company.

**5.15 Environmental Matters.** The Company is not in violation of any statute, rule, regulation, decision or order of any governmental agency or body or any court, domestic or foreign, relating to the use, disposal or release of hazardous or toxic substances or relating to the protection or restoration of the environment or human exposure to hazardous or toxic substances (collectively, “**Environmental Laws**”), has not released any hazardous substances regulated by Environmental Law onto any real property that it owns or operates and has not received any written notice or claim it is liable for any off-site disposal or contamination pursuant to any Environmental Laws, which violation, release, notice, claim, or liability would reasonably be expected, individually or in the aggregate, to have a Material Adverse Effect, and to the Company’s Knowledge, there is no pending or threatened investigation that would reasonably be expected to lead to such a claim.

**5.16 FDA.** As to each product subject to the jurisdiction of the U.S. Food and Drug Administration (“**FDA**”) under the Federal Food, Drug and Cosmetic Act, as amended, and the regulations thereunder (“**FDCA**”) that is manufactured, packaged, labeled, tested, distributed, sold, and/or marketed by the Company or any of its Subsidiaries (each such product, a “**Pharmaceutical Product**”), such Pharmaceutical Product is being manufactured, packaged, labeled, tested, distributed, sold and/or marketed by the Company in compliance with all applicable requirements under FDCA and similar laws, rules and regulations relating to registration, investigational use, premarket clearance, licensure, or application approval, good manufacturing practices, good laboratory practices, good clinical practices, product listing, quotas, labeling, advertising, record keeping and filing of reports, except where the failure to be in compliance would not have a Material Adverse Effect. There is no pending, completed or, to the Company’s knowledge, threatened, action (including any lawsuit, arbitration, or legal or administrative or regulatory proceeding, charge, complaint, or investigation) against the Company or any of its Subsidiaries, and none of the Company or any of its Subsidiaries has received any notice, warning letter or other communication from the FDA or any other governmental entity, which (i) contests the premarket clearance, licensure, registration, or approval of, the uses of, the distribution of, the manufacturing or packaging of, the testing of, the sale of, or the labeling and promotion of any Pharmaceutical Product, (ii) withdraws its approval of, requests the recall, suspension, or seizure of, or withdraws or orders the withdrawal of advertising or sales promotional materials relating to, any Pharmaceutical Product, (iii) imposes a clinical hold on any clinical investigation by the Company or any of its Subsidiaries, (iv) enjoins production at any facility of the Company or any of its Subsidiaries, (v) enters or proposes to enter into a consent decree of permanent injunction with the Company or any of its Subsidiaries, or (vi) otherwise alleges any violation of any laws, rules or regulations by the Company or any of its Subsidiaries, and which, either individually or in the aggregate, would have a Material Adverse Effect. The properties, business and operations of the Company have been and are being conducted in all material respects in accordance with all applicable laws, rules and regulations of the FDA. The Company has not been informed by the FDA that the FDA will prohibit the marketing, sale, license or use in the United States of any product proposed to be developed, produced or marketed by the Company nor has the FDA expressed any concern as to approving or clearing for marketing any product being developed or proposed to be developed by the Company.

**5.17 Legal Proceedings.** There are no legal, governmental or regulatory investigations, actions, suits or proceedings pending or, to the Company's Knowledge, threatened to which the Company or its subsidiaries are a party or to which any property of the Company or its subsidiaries are the subject that, individually or in the aggregate, would reasonably be expected to have a Material Adverse Effect.

**5.18 Financial Statements.** The financial statements included in each SEC Filing 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 present fairly, in all material respects, the consolidated financial position of the Company as of the dates shown and its consolidated results of operations and cash flows for the periods shown, subject in the case of unaudited financial statements to normal, immaterial year-end audit adjustments, and such consolidated financial statements have been prepared in conformity with United States generally accepted accounting principles applied on a consistent basis during the periods involved ("**GAAP**") (except as may be disclosed therein or in the notes thereto, and except that the unaudited financial statements may not contain all footnotes required by GAAP, and, in the case of quarterly financial statements, except as permitted by Form 10-Q under the 1934 Act). Except as set forth in the financial statements of the Company included in the SEC Filings filed prior to the date hereof, the Company has not incurred any liabilities, contingent or otherwise, except those incurred in the ordinary course of business, consistent (as to amount and nature) with past practices since the date of such financial statements, none of which, individually or in the aggregate, have had or would reasonably be expected to have a Material Adverse Effect.

**5.19 Insurance Coverage.** The Company maintains in full force and effect insurance coverage that is customary for comparably situated companies for the business being conducted and properties owned or leased by the Company, and the Company reasonably believes such insurance coverage to be adequate against all liabilities, claims and risks against which it is customary for comparably situated companies to insure.

**5.20 Compliance with Nasdaq Continued Listing Requirements.** The Company is in compliance with applicable Nasdaq continued listing requirements. There are no proceedings pending or, to the Company's Knowledge, threatened against the Company relating to the continued listing of the Common Stock on Nasdaq and the Company has not received any notice of, nor to the Company's Knowledge is there any reasonable basis for, the delisting of the Common Stock from Nasdaq.

**5.21 Brokers and Finders.** Except as set forth in Schedule 5.21, no Person will have, as a result of the transactions contemplated by the Transaction Documents, any valid right, interest or claim against or upon the Company or an Investor for any commission, fee or other compensation pursuant to any agreement, arrangement or understanding entered into by or on behalf of the Company. No Investor shall have any obligation with respect to any fees, or with respect to any claims made by or on behalf of other Persons for fees, in each case of the type contemplated by this Section 5.21 that may be due in connection with the transactions contemplated by this Agreement or the Transaction Documents.

**5.22 No Directed Selling Efforts or General Solicitation.** Neither the Company nor any Person acting on its behalf has conducted any general solicitation or general advertising (as those terms are used in Regulation D) in connection with the offer or sale of any of the Shares.

**5.23 No Integrated Offering.** Neither the Company nor 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) and Regulation D for the exemption from registration for the transactions contemplated hereby or would require registration of the Shares under the 1933 Act, nor will the Company take any action or steps that would adversely affect reliance by the Company on Section 4(a)(2) and Regulation D for the exemption from registration for the transactions contemplated hereby or require registration of the Shares under the 1933 Act.

**5.24 Private Placement.** Assuming the accuracy of the representations and warranties of the Investors set forth in Section 6, the offer and sale of the Shares to the Investors as contemplated hereby is exempt from the registration requirements of the 1933 Act. The issuance and sale of the Shares does not contravene the rules and regulations of Nasdaq.

**5.25 Questionable Payments.** Neither the Company nor its subsidiaries nor, to the Company's Knowledge, any of their current or former directors, officers, employees, agents or other Persons acting on behalf of the Company or its subsidiaries, has on behalf of the Company or its subsidiaries in connection with their business: (a) used any corporate funds for unlawful contributions, gifts, entertainment or other unlawful expenses relating to political activity; (b) made any direct or indirect unlawful payments to any governmental officials or employees from corporate funds; (c) established or maintained any unlawful or unrecorded fund of corporate monies or other assets which is in violation of law; (d) made any false or fictitious entries on the books and records of the Company; or (e) made any unlawful bribe, rebate, payoff, influence payment, kickback or other unlawful payment of any nature.

**5.26 Transactions with Affiliates.** None of the executive officers or directors of the Company and, to the Company's Knowledge, none of the employees of the Company is presently a party to any transaction with the Company (other than as holders of stock options, restricted stock units, warrants and/or restricted stock, and for services as employees, officers and directors), including any contract, agreement or other arrangement providing for the furnishing of services to or by, providing for rental of real or personal property to or from, or otherwise requiring payments to or from any officer, director or such employee or, to the Company's Knowledge, any entity in which any officer, director, or any such employee has a substantial interest or is an officer, director, trustee or partner.

**5.27 Internal Controls.** The Company has established and maintains disclosure controls and procedures (as defined in Rules 13a-15 and 15d-15 under the 1934 Act), which (a) are designed to ensure that material information relating to the Company, including its subsidiaries, is made known to the Company's principal executive officer and its principal financial officer by others within those entities; (b) have been evaluated by management of the Company for effectiveness as of the end of the Company's most recent fiscal quarter; and (c) are effective in all material respects to perform the functions for which they were established. Since the end of the Company's most recent audited fiscal year, there have been no material weaknesses in the Company's internal control over financial reporting (whether or not remediated) and no change in the Company's internal control over financial reporting that has materially affected, or would reasonably be expected to materially affect, the Company's internal control over financial reporting. The Company is not aware of any change in its internal controls over financial reporting that has occurred during its most recent fiscal quarter that has materially affected, or would reasonably be expected to materially affect, the Company's internal control over financial reporting.

**5.28 Disclosures.** Neither the Company nor any Person acting on its behalf has provided the Investors or their agents or counsel with any information that constitutes or would reasonably be expected to constitute material nonpublic information concerning the Company or its subsidiaries, other than with respect to the transactions contemplated hereby, which will be disclosed in the Press Release (as defined below). The SEC Filings do not contain any untrue statement of a material fact or omit to state a material fact necessary in order to make the statements contained therein, in light of the circumstances under which they were made, not misleading. The Company understands and confirms that the Investors will rely on the foregoing representations in effecting transactions in securities of the Company.

**5.29 Required Filings.** Except for the transactions contemplated by this Agreement, including the acquisition of the Shares contemplated hereby, no event or circumstance has occurred or information exists with respect to the Company or its business, properties, operations or financial condition, which, under applicable law, rule or regulation, requires public disclosure or announcement by the Company but which has not been so publicly announced or disclosed (assuming for this purpose that the SEC Filings are being incorporated by reference into an effective registration statement filed by the Company under the 1933 Act).

**5.30 Investment Company.** The Company is not required to be registered as, and immediately following the Closing will not be required to register as, an “investment company” within the meaning of the Investment Company Act of 1940, as amended.

**5.31 Regulation M Compliance.** The Company has not, and to its knowledge no one acting on its behalf has, (i) taken, directly or indirectly, any action designed to cause or to result in the stabilization or manipulation of the price of any security of the Company to facilitate the sale or resale of any of the Shares, (ii) sold, bid for, purchased, or paid any compensation for soliciting purchases of, any of the Shares, or (iii) paid or agreed to pay to any Person any compensation for soliciting another to purchase any other securities of the Company, other than, in the case of clauses (ii) and (iii), compensation paid to the Placement Agent in connection with the placement of the Shares.

**5.32 Anti-Bribery and Anti-Money Laundering Laws.** Each of the Company, its subsidiaries and 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 US. Code sections 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.

**5.33 No Bad Actors.** No “bad actor” disqualifying event described in Rule 506(d)(1)(i)-(viii) of the 1933 Act (a “**Disqualification Event**”) is applicable to the Company or, to the Company’s Knowledge, any Company Covered Person, except (i) for a Disqualification Event as to which Rule 506(d)(2)(ii-iv) or (d)(3) is applicable and (ii) no such representation is made with respect to the Placement Agent, or any of their respective general partners, managing members, directors, executive officers or other officers. There are no matters to be disclosed by the Company under Rule 506(e).

**5.34 No Additional Agreements.** The Company has no other agreements or understandings (including, without limitation, side letters) with any Investor to purchase Shares on terms more favorable to such Investor than as set forth herein.

**5.35 Shell Company Status.** The Company is not, and has never been, an issuer identified in Rule 144(i)(1).

**5.36 Investor Representations.** The Company acknowledges and agrees that the Investors' representations contained in Section 6 below shall not modify, amend or affect any such Investor's right to rely on the Company's representations and warranties contained in this Agreement or any representations and warranties contained in any other Transaction Document or any other document or instrument executed and/or delivered by or on behalf of the Company in connection with this Agreement or the consummation of the transactions contemplated hereby

**6. Representations and Warranties of the Investors.** Each of the Investors hereby severally, and not jointly, represents and warrants to the Company that:

**6.1 Organization and Existence.** Such Investor is a duly incorporated or organized and validly existing corporation, limited partnership, limited liability company or other legal entity, has all requisite corporate, partnership or limited liability company power and authority to enter into and consummate the transactions contemplated by the Transaction Documents and to carry out its obligations hereunder and thereunder, and to invest in the Shares pursuant to this Agreement, and is in good standing under the laws of the jurisdiction of its incorporation or organization.

**6.2 Authorization.** The execution, delivery and performance by such Investor of the Transaction Documents to which such Investor is a party have been duly authorized and each has been duly executed and when delivered will constitute the valid and legally binding obligation of such Investor, enforceable against such Investor in accordance with their respective terms, subject to bankruptcy, insolvency, fraudulent transfer, reorganization, moratorium and similar laws of general applicability, relating to or affecting creditors' rights generally, and general principles of equity.

**6.3 Purchase Entirely for Own Account.** The Shares to be received by such Investor hereunder will be acquired for such Investor's own account, not as nominee or agent, for the purpose of investment and not with a view to the resale or distribution of any part thereof in violation of the 1933 Act, and such Investor has no present intention of selling, granting any participation in, or otherwise distributing the same in violation of the 1933 Act without prejudice, however, to such Investor's right at all times to sell or otherwise dispose of all or any part of such Shares in compliance with applicable federal and state securities laws. The Shares are being purchased by such Investor in the ordinary course of its business. Nothing contained herein shall be deemed a representation or warranty by such Investor to hold the Shares for any period of time. Such Investor is not a broker-dealer registered with the SEC under the 1934 Act or an entity engaged in a business that would require it to be so registered.

**6.4 Investment Experience.** Such Investor acknowledges that it can bear the economic risk and complete loss of its investment in the Shares and has such knowledge and experience in financial or business matters that it is capable of evaluating the merits and risks of the investment contemplated hereby.

**6.5 Disclosure of Information.** Such Investor has had an opportunity to receive, review and understand all information related to the Company requested by it and to ask questions of and receive answers from the Company regarding the Company, its business and the terms and conditions of the offering of the Shares, and has conducted and completed its own independent due diligence. Such Investor acknowledges that copies of the SEC Filings are available on the EDGAR system. Based on the information such Investor has deemed appropriate, and without reliance upon the Placement Agent, it has independently made its own analysis and decision to enter into the Transaction Documents. Such Investor is relying exclusively on its own investment analysis and due diligence (including professional advice it deems appropriate) with respect to the execution, delivery and performance of the Transaction Documents, the Shares and the business, condition (financial and otherwise), management, operations, properties and prospects of the Company, including but not limited to all business, legal, regulatory, accounting, credit and tax matters. Such Investor has not relied on any information or advice furnished by or on behalf of the Placement Agent in connection with the transactions contemplated hereby. Neither such inquiries nor any other due diligence investigation conducted by such Investor shall modify, limit or otherwise affect such Investor's right to rely on the Company's representations and warranties contained in this Agreement.

**6.6 Restricted Securities.** Such Investor understands that the Shares are characterized as “restricted securities” under the U.S. federal securities laws inasmuch as they are being acquired from the Company in a transaction not involving a public offering and that under such laws and applicable regulations such securities may be resold without registration under the 1933 Act only in certain limited circumstances.

**6.7 Legends.** It is understood that, except as provided below, certificates evidencing the Shares may bear the following or any similar legend:

(a) “These securities represented hereby have not been registered with the Securities and Exchange Commission or the securities commission of any state but have been issued in reliance upon an exemption from registration under the Securities Act of 1933, as amended, and, accordingly, may not be transferred unless (i) such securities have been registered for sale pursuant to the Securities Act of 1933, as amended, (ii) such securities may be sold pursuant to Rule 144, (iii) the Company has received an opinion of counsel reasonably satisfactory to it that such transfer may lawfully be made without registration under the Securities Act of 1933, as amended, or (iv) the securities are transferred without consideration to an affiliate of such holder or a custodial nominee (which for the avoidance of doubt shall require neither consent nor the delivery of an opinion).”

(b) If required by the authorities of any state in connection with the issuance of sale of the Shares, the legend required by such state authority.

**6.8 Accredited Investor.** Such Investor is (a) an “accredited investor” within the meaning of Rule 501(a) of Regulation D. Such investor is a sophisticated investor with sufficient knowledge and experience in investing in private equity transactions to properly evaluate the risks and merits of its purchase of the Shares. Such Investor has determined based on its own independent review and such professional advice as it deems appropriate that its purchase of the Shares and participation in the transactions contemplated by the Transaction Documents (i) are fully consistent with its financial needs, objectives and condition, (ii) comply and are fully consistent with all investment policies, guidelines and other restrictions applicable to such Investor, (iii) have been duly authorized and approved by all necessary action, (iv) do not and will not violate or constitute a default under such Investor’s charter, bylaws or other constituent document or under any law, rule, regulation, agreement or other obligation by which such Investor is bound and (v) are a fit, proper and suitable investment for such Investor, notwithstanding the substantial risks inherent in investing in or holding the Shares.

**6.9 No General Solicitation.** Such Investor did not learn of the investment in the Shares as a result of any general or public solicitation or general advertising, or publicly disseminated advertisements or sales literature, including (a) any advertisement, article, notice or other communication published in any newspaper, magazine, website, or similar media, or broadcast over television or radio, or (b) any seminar or meeting to which such Investor was invited by any of the foregoing means of communications.

**6.10 Brokers and Finders.** No Person will have, as a result of the transactions contemplated by the Transaction Documents, any valid right, interest or claim against or upon the Company or an Investor for any commission, fee or other compensation pursuant to any agreement, arrangement or understanding entered into by or on behalf of such Investor.

**6.11 Short Sales and Confidentiality Prior to the Date Hereof.** Other than consummating the transactions contemplated hereunder, such Investor has not, nor has any Person acting on behalf of or pursuant to any understanding with such Investor, 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 Investor was first contacted by the Company, the Placement Agent or any other Person regarding the transactions contemplated hereby and ending immediately prior to the date hereof. Notwithstanding the foregoing, in the case of an Investor that is a multi-managed investment vehicle whereby separate portfolio managers manage separate portions of such Investor's assets and the portfolio managers have no direct knowledge of the investment decisions made by the portfolio managers managing other portions of such Investor's assets, the representation set forth above shall only apply with respect to the portion of assets managed by the portfolio manager that made the investment decision to purchase the Shares covered by this Agreement. Other than to other Persons party to this Agreement and other than to such Person'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, such Investor 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.

**6.12 No Government Recommendation or Approval.** Such Investor understands that no United States federal or state agency, or similar agency of any other country, has reviewed, approved, passed upon, or made any recommendation or endorsement of the Company or the purchase of the Shares.

**6.13 No Intent to Effect a Change of Control.** Such Investor has no present intent to effect a "change of control" of the Company as such term is understood under the rules promulgated pursuant to Section 13(d) of the 1934 Act.

**6.14 Residency.** Such Investor's office in which its investment decision with respect to the Shares was made is located at the address immediately below such Investor's name on its signature page hereto.

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

## **7. Covenants and Agreements of the Parties.**

**7.1 Nasdaq Listing.** The Company will use commercially reasonable efforts to continue the listing and trading of its Common Stock on Nasdaq and, in accordance therewith, will use commercially reasonable efforts to comply in all material respects with the Company's reporting, filing and other obligations under the bylaws or rules of such market or exchange, as applicable.

### **7.2 Removal of Legends.**

(a) In connection with any sale, assignment, transfer or other disposition of the Shares by an Investor pursuant to Rule 144 or pursuant to any other exemption under the 1933 Act such that the purchaser acquires freely tradable shares and upon compliance by the Investor with the requirements of this Agreement, if requested by the Investor, the Company shall request the transfer agent for the Common Stock (the "**Transfer Agent**") to remove any restrictive legends related to the book entry account holding such shares and make a new, unlegended entry for such book entry shares sold or disposed of without restrictive legends within two (2) Trading Days of any such request therefor from such Investor, provided that the Company has timely received from the Investor customary representations and other documentation reasonably acceptable to the Company in connection therewith.

(b) Subject to receipt from the Investor by the Company and the Transfer Agent of customary representations and other documentation reasonably acceptable to the Company and the Transfer Agent in connection therewith, upon the earliest of such time as the Shares (i) have been registered under the 1933 Act pursuant to an effective registration statement, (ii) have been sold pursuant to Rule 144, or (iii) are eligible for resale under Rule 144(b)(1) or any successor provision (such earliest date, the "**Effective Date**"), the Company shall, in accordance with the provisions of this Section 7.2(b) and within two (2) Trading Days of any request therefor from an Investor accompanied by such customary and reasonably acceptable documentation referred to above, (A) deliver to the Transfer Agent irrevocable instructions that the Transfer Agent shall make a new, unlegended entry for such book entry shares, and (B) cause its counsel to deliver to the Transfer Agent one or more opinions to the effect that the removal of such legends in such circumstances may be effected under the 1933 Act if required by the Transfer Agent to effect the removal of the legend in accordance with the provisions of this Agreement. Any shares subject to legend removal under this Section 7 may be transmitted by the Transfer Agent to the Investor by crediting the account of the Investor's prime broker with the DTC System as directed by such Investor. The Company shall be responsible for the fees of its Transfer Agent and all DTC fees associated with such issuance.

**7.3 Transfer Restrictions.** Each Investor, severally and not jointly with the other Investors, agrees with the Company that such Investor will sell any Shares pursuant to either the registration requirements of the 1933 Act, including any applicable prospectus delivery requirements, or an exemption therefrom, and that if Shares 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 Shares as set forth in this Section 7.3 is predicated upon the Company's reliance upon this understanding.

**7.4 Subsequent Equity Sales by the Company.** 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 1933 Act) that will be integrated with the offer or sale of the Shares in a manner that would require the registration under the 1933 Act of the sale of the Shares to the Investors, or that will be integrated with the offer or sale of the Shares for purposes of the rules and regulations of any trading market such that it would require stockholder approval prior to the closing of such other transaction unless stockholder approval is obtained before the closing of such subsequent transaction.

**7.5 Fees.** 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 any Investor) relating to or arising out of the transactions contemplated hereby, including, without limitation, any fees or commissions payable to the Placement Agent.

**7.6 Short Sales and Confidentiality After the Date Hereof.** Each Investor covenants that until such time as the transactions contemplated by this Agreement are publicly disclosed by the Company, such Investor 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 Person'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.

**7.7 Securities Laws Disclosure; Publicity.** The Company shall (a) by the Disclosure Time, issue a press release (“**Press Release**”) disclosing the material terms of the transactions contemplated hereby, and (b) file a Current Report on Form 8-K, including the Transaction Documents as exhibits thereto, with the Commission within the time required by the 1934 Act. From and after the issuance of such Press Release, the Company represents to the Investors that it shall have publicly disclosed all material, non-public information delivered to any of the Investors by the Company or any of its Subsidiaries, or any of their respective officers, directors, employees or agents in connection with the transactions contemplated by the Transaction Documents. In addition, effective upon the issuance of such Press Release, the Company acknowledges and agrees that any and all confidentiality or similar obligations under any agreement, whether written or oral, between the Company, any of its Subsidiaries or any of their respective officers, directors, agents, employees or Affiliates on the one hand, and any of the Investors or any of their Affiliates on the other hand, shall terminate. The Company and each Investor shall consult with each other in issuing any other press releases with respect to the transactions contemplated hereby, and neither the Company nor any Investor shall issue any such press release nor otherwise make any such public statement without the prior consent of the Company, with respect to any press release of any Investor, or without the prior consent of each Investor, with respect to any press release of the Company, which consent shall not unreasonably be withheld or delayed, except if such disclosure is required by law, in which case the disclosing party shall promptly provide the other party with prior notice of such public statement or communication. Notwithstanding the foregoing, the Company shall not publicly disclose the name of any Investor, or include the name of any Investor in any filing with the Commission or any regulatory agency or Trading Market, without the prior written consent of such Investor, except (a) as required by federal securities law in connection with (i) any registration statement contemplated by the Registration Rights Agreement and (ii) the filing of final Transaction Documents with the Commission, (b) as required by Trading Market regulations, and (c) to the extent such disclosure is otherwise required by law, in which case the Company shall provide the Investors with prior notice of such disclosure permitted under this clause (c).

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

## **8. Survival and Indemnification.**

**8.1 Survival.** The representations, warranties, covenants and agreements contained in this Agreement shall survive the Closing of the transactions contemplated by this Agreement for the applicable statute of limitations.

**8.2 Indemnification.** The Company agrees to indemnify and hold harmless each Investor and its Affiliates, and their respective directors, officers, trustees, members, managers, employees, investment advisers and agents, from and against any and all losses, claims, damages, liabilities and expenses (including without limitation reasonable and documented attorney fees and disbursements and other documented out-of-pocket expenses reasonably incurred in connection with investigating, preparing or defending any action, claim or proceeding, pending or threatened and the costs of enforcement thereof) (collectively, “**Losses**”) to which such Person may become subject as a result of any breach of representation, warranty, covenant or agreement made by or to be performed on the part of the Company under the Transaction Documents, and will reimburse any such Person for all such amounts as they are incurred by such Person solely to the extent such amounts have been finally judicially determined not to have resulted from such Person’s fraud or willful misconduct.

**8.3 Conduct of Indemnification Proceedings.** Any person entitled to indemnification hereunder shall (i) give prompt written notice to the indemnifying party of any claim with respect to which it seeks indemnification and (ii) permit such indemnifying party to assume the defense of such claim with counsel reasonably satisfactory to the indemnified party; *provided* that any person entitled to indemnification hereunder shall have the right to employ separate counsel and to participate in the defense of such claim, but the fees and expenses of such counsel shall be at the expense of such person unless (a) the indemnifying party has agreed in writing to pay such fees or expenses, (b) the indemnifying party shall have failed to assume the defense of such claim and employ counsel reasonably satisfactory to such person or (c) in the reasonable judgment of any such person, based upon written advice of its counsel, a conflict of interest exists between such person and the indemnifying party with respect to such claims (in which case, if the person notifies the indemnifying party in writing that such person elects to employ separate counsel at the expense of the indemnifying party, the indemnifying party shall not have the right to assume the defense of such claim on behalf of such person); and *provided, further*, that the failure of any indemnified party to give written notice as provided herein shall not relieve the indemnifying party of its obligations hereunder, except to the extent that such failure to give notice shall materially adversely affect the indemnifying party in the defense of any such claim or litigation. It is understood that the indemnifying party shall not, in connection with any proceeding in the same jurisdiction, be liable for fees or expenses of more than one separate firm of attorneys at any time for all such indemnified parties. No indemnifying party will, except with the consent of the indemnified party, which consent shall not be unreasonably withheld, conditioned or delayed, consent to entry of any judgment or enter into any settlement that does not include as an unconditional term thereof the giving by the claimant or plaintiff to such indemnified party of a release from all liability in respect of such claim or litigation. No indemnified party will, except with the consent of the indemnifying party, which consent shall not be unreasonably withheld, conditioned or delayed, consent to entry of any judgment or enter into any settlement.

## **9. Miscellaneous.**

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

**9.2 Successors and Assigns.** This Agreement may not be assigned by a party hereto without the prior written consent of the Company or each of the Investors, as applicable. The provisions of this Agreement shall inure to the benefit of and be binding upon the respective permitted successors and assigns of the parties. Without limiting the generality of the foregoing, in the event that the Company is a party to a merger, consolidation, share exchange or similar business combination transaction in which the Common Stock is 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 "Shares" shall be deemed to refer to the securities received by the Investors in connection with such transaction. Nothing in this Agreement, express or implied, is intended to confer upon any party other than the parties hereto or their respective permitted successors and assigns any rights, remedies, obligations, or liabilities under or by reason of this Agreement, except as expressly provided in this Agreement.

**9.3 Counterparts.** This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Counterparts may be delivered via facsimile, electronic mail (including pdf or any electronic signatures complying with the U.S. federal ESIGN Act of 2000, e.g., [www.docusign.com](http://www.docusign.com)) or other transmission method and any counterpart so delivered shall be deemed to have been duly and validly delivered and be valid and effective for all purposes.

**9.4 Titles and Subtitles.** The titles and subtitles used in this Agreement are used for convenience only and are not to be considered in construing or interpreting this Agreement.

**9.5 Notices.** Unless otherwise provided, any notice required or permitted under this Agreement shall be given in writing and shall be deemed effectively given as hereinafter described (i) if given by personal delivery, then such notice shall be deemed given upon such delivery, (ii) if given by facsimile or e-mail, then such notice shall be deemed given upon receipt of confirmation of complete facsimile transmittal or confirmation of receipt of an e-mail transmission, (iii) if given by mail, then such notice shall be deemed given upon the earlier of (A) receipt of such notice by the recipient or (B) three days after such notice is deposited in first class mail, postage prepaid, and (iv) if given by an internationally recognized overnight air courier, then such notice shall be deemed given one Business Day after delivery to such carrier. All notices shall be addressed to the party to be notified at the address as follows, or at such other address as such party may designate by ten days' advance written notice to the other party:

If to the Company:

TFF Pharmaceuticals, Inc.  
2600 Via Fortuna, Suite 360  
Austin, Texas 78746  
Attention: Glenn A. Mattes, Chief Executive Officer  
Email: [gmattes@tffpharma.com](mailto:gmattes@tffpharma.com)

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

Greenberg Traurig, LLP  
18565 Jamboree Road, Suite 500  
Irvine, California 92612  
Attention: Daniel K. Donahue  
Email: [donahued@gtlaw.com](mailto:donahued@gtlaw.com)

If to the Investors:

Only to the addresses set forth on the signature pages hereto.

**9.6 Expenses.** The parties hereto shall pay their own costs and expenses in connection herewith regardless of whether the transactions contemplated hereby are consummated.

**9.7 Amendments and Waivers.** Prior to Closing, no amendment or waiver of any provision of this Agreement will be effective with respect to any party unless made in writing and signed by a duly authorized representative of such party. Following the Closing, any term of this Agreement may be amended and the observance of any term of this Agreement may be waived (either generally or in a particular instance and either retroactively or prospectively), only with the written consent of the Company and the Required Investors. 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 Investor without the written consent of such Investor unless such amendment or waiver applies to all Investors in the same fashion. Any amendment or waiver effected in accordance with this paragraph shall be binding upon (i) prior to Closing, each Investor that signed such amendment or waiver and (ii) following the Closing, each holder of any Shares purchased under this Agreement at the time outstanding, and in each case, each future holder of all such Shares and the Company.

**9.8 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 provision hereof prohibited or unenforceable in any respect.

**9.9 Entire Agreement.** This Agreement, including the signature pages, Exhibits, the other Transaction Documents and any confidentiality agreement between the Company and each Investor constitute the entire agreement among the parties hereof with respect to the subject matter hereof and thereof and supersede all prior agreements and understandings, both oral and written, between the parties with respect to the subject matter hereof and thereof.

**9.10 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.

**9.11 Governing Law.** This Agreement shall be governed by, and construed in accordance with, the laws of the State of Delaware. Service of process in connection with any such suit, action or proceeding may be served on each party hereto anywhere in the world by the same methods as are specified for the giving of notices under this Agreement.

**9.12 Independent Nature of Investors' Obligations and Rights.** The obligations of each Investor under any Transaction Document are several and not joint with the obligations of any other Investor, and no Investor shall be responsible in any way for the performance of the obligations of any other Investor under any Transaction Document. The decision of each Investor to purchase Shares pursuant to the Transaction Documents has been made by such Investor independently of any other Investor. Nothing contained herein or in any Transaction Document, and no action taken by any Investor pursuant thereto, shall be deemed to constitute the Investors as a partnership, an association, a joint venture or any other kind of entity, or create a presumption that the Investors are in any way acting in concert or as a group with respect to such obligations or the transactions contemplated by the Transaction Documents. Each Investor acknowledges that no other Investor has acted as agent for such Investor in connection with making its investment hereunder and that no Investor will be acting as agent of such Investor in connection with monitoring its investment in the Shares or enforcing its rights under the Transaction Documents. Each Investor shall be entitled to independently protect and enforce its rights, including, without limitation, the rights arising out of this Agreement or out of the other Transaction Documents, and it shall not be necessary for any other Investor to be joined as an additional party in any proceeding for such purpose. The Company acknowledges that each of the Investors has been provided with the same Transaction Documents for the purpose of closing a transaction with multiple Investors and not because it was required or requested to do so by any Investor. It is expressly understood and agreed that each provision contained in this Agreement is between the Company and an Investor, solely, and not between the Company and the Investors collectively and not between and among the Investors.

**9.13 Exculpation of the Placement Agent.** Each party acknowledges that it has read the notices attached hereto as Schedule 9.13 and hereto agrees for the express benefit of each of the Placement Agent, their affiliates and their representatives that:

(a) Neither the Placement Agent nor any of their affiliates or any of their representatives (1) has any duties or obligations other than those specifically set forth herein or in the engagement letter, dated as of August 10, 2020, between the Company and Jefferies LLC (the "**Engagement Letter**"); (2) shall be liable for any improper payment made in accordance with the information provided by the Company; (3) 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 this Agreement or the Transaction Documents or in connection with any of the transactions contemplated hereby and thereby; or (4) shall be liable (x) for any action taken, suffered or omitted by any of them in good faith and reasonably believed to be authorized or within the discretion or rights or powers conferred upon it by this Agreement or any Transaction Document or (y) for anything which any of them may do or refrain from doing in connection with this Agreement or any Transaction Document, except for such party's own gross negligence, willful misconduct or bad faith.

(b) The Placement Agent, their affiliates and their representatives shall be entitled to (1) 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, including the representations made by the Company and the Investors herein, and (2) be indemnified by the Company for acting as the Placement Agent hereunder pursuant the indemnification provisions set forth in the Engagement Letter.

[remainder of page intentionally left blank]

IN WITNESS WHEREOF, the parties have executed this Agreement or caused their duly authorized officers to execute this Agreement as of the date first above written.

**COMPANY**

TFF PHARMACEUTICALS, INC.

By: \_\_\_\_\_

Glenn A. Mattes,  
Chief Executive Officer

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK  
SIGNATURE PAGE FOR INVESTOR FOLLOWS]

[INVESTOR SIGNATURE PAGES TO SECURITIES PURCHASE AGREEMENT]

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

Name of Investor: \_\_\_\_\_

*Signature of Authorized Signatory of Investor:* \_\_\_\_\_

Name of Authorized Signatory: \_\_\_\_\_

Title of Authorized Signatory: \_\_\_\_\_

Email Address of Authorized Signatory: \_\_\_\_\_

Facsimile Number of Authorized Signatory: \_\_\_\_\_

Address for Notice to Investor:

Address for Delivery of Shares to Investor (if not same as address for notice):

Subscription Amount: \$ \_\_\_\_\_

Shares: \_\_\_\_\_

EIN Number: \_\_\_\_\_

[INVESTOR SIGNATURE PAGES CONTINUE]

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**EXHIBIT A**

**FORM OF REGISTRATION RIGHTS AGREEMENT**

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## TFF PHARMACEUTICALS, INC.

### DISCLOSURE SCHEDULES

These Disclosure Schedules are being furnished by TFF Pharmaceuticals, Inc., a Delaware corporation (“**Company**”), in connection with Securities Purchase Agreement dated August 10, 2020 (the “**Purchase Agreement**”) by and among the Company and the Investors signatory thereto (“**Investors**”). Unless the context otherwise requires, all capitalized terms used in these Disclosure Schedules shall have the respective meanings assigned to them in the Purchase Agreement. The schedule numbers in these Disclosure Schedules correspond to the section numbers in the Purchase Agreement.

#### Schedule 5.3

Authorized common stock, \$0.001 par value per share:	45,000,000
Equity currently outstanding:	
Issued and outstanding common shares:	18,671,658
Shares issuable pursuant to outstanding options	2,437,123
Shares issuable pursuant to outstanding warrants	1,476,463
Total TFF common stock currently outstanding on a FDB:	<u>22,585,244</u>

The Company has granted certain demand and piggyback registration rights to National Securities Corporation with respect to placement agent warrants issued in March 2018 and underwriter warrants issued in October 2019. The Company has also granted certain demand and piggyback registration rights to Liquid Patent Consulting, LLC with respect to advisory warrants issued in January 2018.

#### Schedule 5.21

The Company has agreed to pay the Placement Agent sales commissions in the amount of six percent (6%) of the aggregate Subscription Amount paid by all Investors. The Company has also agreed to pay National Securities Corporation an advisory fee of one percent (1%) of the aggregate Subscription Amount paid by all Investors.

#### Schedule 5.26

As disclosed in the Company’s Annual Report on Form 10-K for the year ended December 31, 2019, management had determined that there was not adequate segregation of duties due to a small number of employees conducting various accounting, payment and billing functions and, as a result, the Company’s disclosure controls and procedures were not effective as of December 31, 2019. During the first six months of 2020, the Company began to remediate this issue by adding an additional person in its accounting department, strengthening its billing and payment procedures and upgrading its accounting, billing and payment software. As of June 30, 2020, the implementation of these improvements in the Company’s internal control over financing reporting have enabled it to conclude that the Company has adequate segregation of duties and that the Company’s disclosure controls and procedures were effective as of June 30, 2020.

#### Schedule 9.13

On February 2, 2016, pursuant to an offer of settlement by Jefferies LLC, the SEC entered an administrative order, pursuant to its Municipalities Continuing Disclosure Cooperation (“**MCDC**”) initiative, finding that Jefferies LLC, in connection with its underwriting of certain municipal securities offerings, willfully violated Section 17(a)(2) of the Securities Act of 1933. The administrative order requires Jefferies LLC to cease and desist from committing or causing any violations or any future violations of Section 17(a)(2), to pay a civil penalty, and to complete certain undertakings. Jefferies LLC received waivers from the SEC of any disqualifications under Regulations A (Rule 262), D (Rule 505 and 506), and E arising from the settlement, effective as of February 2, 2016. The SEC Order is available at <https://www.sec.gov/rules/other/2016/33-10030.pdf>.

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## REGISTRATION RIGHTS AGREEMENT

This REGISTRATION RIGHTS AGREEMENT (this “**Agreement**”) is made and entered into as of August 10, 2020 by and among TFF Pharmaceuticals, Inc., a Delaware corporation (the “**Company**”), and the “**Investors**” named in that certain Securities Purchase Agreement by and among the Company and the Investors, dated as of August 10, 2020 (the “**Purchase Agreement**”). Capitalized terms used herein have the respective meanings ascribed thereto in the Purchase Agreement unless otherwise defined herein.

The parties hereby agree as follows:

1. **Definitions.**

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

“**Agreement**” has the meaning set forth in the first paragraph.

“**Allowed Delay**” has the meaning set forth in Section 2(c)(ii).

“**Blackout Period**” has the meaning set forth in Section 2(d)(ii).

“**Company**” has the meaning set forth in the first paragraph.

“**Cut Back Shares**” has the meaning set forth in Section 2(e).

“**Effectiveness Period**” has the meaning set forth in Section 3(a).

“**Filing Deadline**” has the meaning set forth in Section 2(a)(i).

“**Investors**” means the Investors identified in the Purchase Agreement and any Affiliate or permitted transferee of any Investor who is a subsequent holder of Registrable Securities.

“**Liquidated Damages**” has the meaning set forth in Section 2(d)(ii).

“**Maintenance Failure**” has the meaning set forth in Section 2(d)(ii).

“**Maintenance Liquidated Damages**” has the meaning set forth in Section 2(d)(ii).

“**Prospectus**” means (i) the prospectus included in any Registration Statement, as amended or supplemented by any prospectus supplement, with respect to the terms of the offering of any portion of the Registrable Securities covered by such Registration Statement and by all other amendments and supplements to the prospectus, including post-effective amendments and all material incorporated by reference in such prospectus, and (ii) any “free writing prospectus” as defined in Rule 405 under the 1933 Act.

“**Purchase Agreement**” has the meaning set forth in the first paragraph.

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“**Qualification Date**” has the meaning set forth in Section 2(a)(ii).

“**Qualification Deadline**” has the meaning set forth in Section 2(a)(ii).

“**Register**,” “**registered**” and “**registration**” refer to a registration made by preparing and filing a Registration Statement or similar document in compliance with the 1933 Act, and the declaration or ordering of effectiveness of such Registration Statement or document.

“**Registrable Securities**” means (i) the Shares and (ii) any other securities issued or issuable with respect to or in exchange for Shares, whether by merger, charter amendment or otherwise; provided, that a security shall cease to be a Registrable Security upon (A) sale pursuant to a Registration Statement or Rule 144 under the 1933 Act, or (B) such security becoming eligible for sale without restriction by the Investor holding such security pursuant to Rule 144, including without any manner of sale or volume limitations, and without the requirement to be in compliance with Rule 144(c)(1) (or any successor thereto) promulgated under the 1933 Act.

“**Registration Liquidated Damages**” has the meaning set forth in Section 2(d)(i).

“**Registration Statement**” means any registration statement of the Company under the 1933 Act that covers the resale of any of the Registrable Securities pursuant to the provisions of this Agreement, amendments and supplements to such Registration Statement, including post-effective amendments, all exhibits and all material incorporated by reference in such Registration Statement.

“**Required Investors**” means the Investors holding a majority of the Registrable Securities outstanding from time to time.

“**Restriction Termination Date**” has the meaning set forth in Section 2(e).

“**SEC Restrictions**” has the meaning set forth in Section 2(e).

“**Shelf Registration Statement**” has the meaning set forth in Section 2(a)(ii).

## 2. Registration.

### (a) Registration Statements.

(i) No later than thirty (30) days after the Closing Date (the “**Filing Deadline**”), the Company shall prepare and file with the SEC one Registration Statement covering the resale of all of the Registrable Securities. Subject to any SEC comments, such Registration Statement shall include the plan of distribution attached hereto as Exhibit A; provided, however, that no Investor shall be named as an “underwriter” in such Registration Statement without the Investor’s prior written consent. Such Registration Statement also shall cover, to the extent allowable under the 1933 Act and the rules promulgated thereunder (including Rule 416), such indeterminate number of additional shares of Common Stock resulting from stock splits, stock dividends or similar transactions with respect to the Registrable Securities. Such Registration Statement (and each amendment or supplement thereto, and each request for acceleration of effectiveness thereof) shall be provided in accordance with Section 3(c) to the Investors prior to its filing or other submission.

(ii) The Company shall (i) initially register the resale of the Registrable Securities on Form S-1 use commercially reasonable efforts to cause such Registration Statement to be declared effective as promptly as practicable thereafter and (ii) so long as Registrable Securities remain outstanding, promptly following the date (the “**Qualification Date**”) upon which the Company becomes eligible to use a registration statement on Form S-3 to register the Registrable Securities for resale, but in no event more than sixty (60) days after the Qualification Date (the “**Qualification Deadline**”), file a registration statement on Form S-3 covering the Registrable Securities (or a post-effective amendment on Form S-3 to a registration statement on Form S-1) (a “**Shelf Registration Statement**”) and use commercially reasonable efforts to cause such Shelf Registration Statement to be declared effective as promptly as practicable thereafter; provided that the Company shall maintain the effectiveness of the Registration Statement then in effect until such time as a Shelf Registration Statement covering the Registrable Securities has been declared effective by the SEC.

(b) **Expenses.** The Company will pay all expenses associated with each Registration Statement, including filing and printing fees, the Company’s counsel and accounting fees and expenses, costs associated with clearing the Registrable Securities for sale under applicable state securities laws and listing fees, but excluding discounts, commissions, fees of underwriters, selling brokers, dealer managers or similar securities industry professionals with respect to the Registrable Securities being sold.

(c) **Effectiveness.**

(i) The Company shall use commercially reasonable efforts to have each Registration Statement declared effective as soon as practicable after such Registration Statement has been filed with the SEC. By 5:30 p.m. (Eastern time) on the second Business Day following the date on which the Registration Statement is declared effective by the SEC, the Company shall file with the SEC, in accordance with Rule 424 under the 1933 Act, the final prospectus to be used in connection with sales pursuant to such Registration Statement. The Company shall notify the Investors by e-mail as promptly as practicable after any Registration Statement is declared effective and shall simultaneously provide the Investors with copies of any related Prospectus to be used in connection with the sale or other disposition of the securities covered thereby.

(ii) For not more than sixty (60) consecutive days or for a total of not more than one hundred twenty (120) days in any twelve (12) month period, the Company may suspend the use of any Prospectus included in any Registration Statement contemplated by this Section in the event that the Company determines in good faith that such suspension is necessary to (A) delay the disclosure of material nonpublic 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 nonpublic information giving rise to an Allowed Delay, for the avoidance of doubt, the notification of the “Allowed Delay” to the Investor itself not constituting material nonpublic information (b) advise the Investors in writing to cease all sales under such Registration Statement until the end of the Allowed Delay and (c) use commercially reasonable efforts to terminate an Allowed Delay as promptly as practicable.

(d) **Effect of Failure to File and Obtain and Maintain Effectiveness of Registration Statement.**

(i) If a Registration Statement covering the Registrable Securities is not filed with the SEC on or prior to the Filing Deadline, the Company will make pro rata payments to each Investor then holding Registrable Securities, as liquidated damages and not as a penalty (the “**Registration Liquidated Damages**”), in an amount equal to one percent (1.0%) of the aggregate amount invested by such Investor for the initial day of failure to file such Registration Statement by the Filing Deadline and for each 30-day period (or pro rata portion thereof with respect to a final period, if any) thereafter during which no such Registration Statement is filed with respect to the Registrable Securities. Such payments shall be made to each Investor then holding Registrable Securities in cash no later than ten (10) Business Days after the end of the date of the initial failure to file such Registration Statement by the Filing Deadline and each 30-day period (or portion thereof with respect to a final period, if any) thereafter until such Registration Statement is filed with respect to the Registrable Securities. Interest shall accrue at the rate of one percent (1.0%) per month on any such liquidated damages payments that shall not be paid by the applicable payment date until such amount is paid in full.

(ii) If (A) a Registration Statement covering the Registrable Securities is not declared effective by the SEC prior to the earlier of (i) ten (10) Business Days after the SEC informs the Company that no review of such Registration Statement will be made or that the SEC has no further comments on such Registration Statement or (B) after a 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 or the inability of any Investor to sell the Registrable Securities covered thereby due to market conditions (each of (A) and (B), 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 (the “**Maintenance Liquidated Damages**” and together with the Registration Liquidated Damages, the “**Liquidated Damages**”), in an amount equal to one percent (1.0%) of the aggregate amount invested by such Investor for the Registrable Securities then held by such Investor for the initial day of a Maintenance Failure and for each 30-day period (or pro rata portion thereof with respect to a final period, if any) thereafter until the Maintenance Failure is cured (each, a “**Blackout Period**”). The Maintenance Liquidated Damages shall be paid monthly within ten (10) Business Days of the date of such Maintenance Failure and the end of each 30-day period (or portion thereof with respect to a final period, if any) thereafter until the Maintenance Failure is cured. Such payments shall be made to each Investor then holding Registrable Securities in cash. Interest shall accrue at the rate of one percent (1%) per month on any such liquidated damages payments that shall not be paid by the applicable payment date until such amount is paid in full.

(iii) The parties agree that (1) notwithstanding anything to the contrary herein or in the Purchase Agreement, no Liquidated Damages shall be payable with respect to any period after the expiration of the Effectiveness Period (as defined below) (it being understood that this sentence shall not relieve the Company of any Liquidated Damages accruing prior to the expiration of the Effectiveness Period), and in no event shall the aggregate amount of Liquidated Damages payable to an Investor exceed, in the aggregate, six percent (6.0%) of the aggregate purchase price paid by such Investor pursuant to the Purchase Agreement and (2) in no event shall the Company be liable in any thirty (30) day period for Liquidated Damages under this Agreement in excess of one percent (1.0%) of the aggregate purchase price paid by the Investors pursuant to the Purchase Agreement.

(iv) The Liquidated Damages described in this Section 2(d) shall constitute the Investors' exclusive monetary remedy for any failure to meet the Filing Deadline and for any Maintenance Failure, but shall not affect the right of the Investors to seek injunctive relief.

(e) **Rule 415; Cutback.** If at any time the SEC takes the position that the offering of some or all of the Registrable Securities in a Registration Statement is a primary offering or not eligible to be made on a delayed or continuous basis under the provisions of Rule 415 under the 1933 Act, or requires any Investor to be named as an "underwriter," the Company shall use commercially reasonable efforts to advocate before the SEC its reasonable position 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 (a "**Constructive Primary Offering**") and that none of the Investors is an "underwriter." The Investors shall have the right to review and oversee any registration or matters pursuant to this Section 2(e), 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. In the event that, despite the Company's commercially reasonable efforts, the SEC does not 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 agree to name any Investor as an "underwriter" in such Registration Statement without the prior written consent of such Investor. Any cut-back imposed on the Investors pursuant to this Section 2(e) shall be allocated among the Investors on a pro rata basis, unless the SEC Restrictions otherwise require or provide or the Investors otherwise agree. The parties agree that the Company's delay or failure to have a Registration Statement declared effective due to the SEC taking the position that the offering is a Constructive Primary Offering shall not be a breach of any provision of this Agreement. From and after 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**"), 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 commercially 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 Filing Deadline and/or the Qualification Deadline, as applicable, for such Registration Statement including such Cut Back Shares shall be thirty (30) days after such Restriction Termination Date.

3. **Company Obligations.** The Company will use commercially reasonable efforts to effect the registration of the Registrable Securities in accordance with the terms hereof, and pursuant thereto the Company will, as expeditiously as possible:

(a) use commercially reasonable efforts to cause such Registration Statement to become effective and 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, and (ii) the date on which all Shares cease to be Registrable Securities (the “**Effectiveness Period**”);

(b) prepare and file with the SEC such amendments and post-effective amendments to such Registration Statement and the related Prospectus as may be necessary to keep such Registration Statement effective for the Effectiveness Period and to comply with the provisions of the 1933 Act and the 1934 Act with respect to the distribution of all of the Registrable Securities covered thereby;

(c) provide copies to and permit each Investor to review each Registration Statement and all amendments and supplements thereto prior to their filing with the SEC and a reasonable opportunity to furnish comments thereon;

(d) furnish to each Investor whose Registrable Securities are included in any Registration Statement (i) promptly after the same is prepared and filed with the SEC, if requested by the Investor, one (1) copy of any Registration Statement and any amendment thereto, each preliminary prospectus and Prospectus and each amendment or supplement thereto, and each letter written by or on behalf of the Company to the SEC or the staff of the SEC, and each item of correspondence from the SEC or the staff of the SEC, in each case relating to such Registration Statement (other than any portion thereof which contains information for which the Company has sought confidential treatment), and (ii) such number of copies of a Prospectus, including a preliminary prospectus, and all amendments and supplements thereto and such other documents as each Investor may reasonably request in order to facilitate the disposition of the Registrable Securities owned by such Investor that are covered by such Registration Statement;

(e) 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 at the earliest practical moment;

(f) use commercially reasonable efforts to cause all Registrable Securities covered by a Registration Statement to be listed on each securities exchange, interdealer quotation system or other market on which similar securities issued by the Company are then listed;

(g) promptly notify the Investors, at any time prior to the end of the Effectiveness Period, upon discovery that, or upon the happening of any event as a result of which, the Prospectus includes an untrue statement of a material fact or omits to state any material fact required to be stated therein or necessary to make the statements therein not misleading in light of the circumstances then existing (provided that such notice shall not, without the prior written consent of an Investor, disclose to such Investor any material nonpublic information regarding the Company), and promptly prepare, file with the SEC and furnish to such holder a supplement to or an amendment of such Prospectus as may be necessary so that such 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 not misleading in light of the circumstances then existing;

(h) otherwise use commercially reasonable efforts to comply with all applicable rules and regulations of the SEC under the 1933 Act and the 1934 Act, including, without limitation, Rule 172 under the 1933 Act, file any final Prospectus, including any supplement or amendment thereof, with the SEC pursuant to Rule 424 under the 1933 Act, promptly inform the Investors 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 Investors are 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, an earnings statement covering satisfying the provisions of Section 11(a) of the 1933 Act;

(i) within two (2) Business Days after a Registration Statement which covers Registrable Securities is ordered effective by the SEC, the Company shall deliver to the transfer agent for such Registrable Securities (with copies to the Investors whose Registrable Securities are included in such Registration Statement) confirmation that such Registration Statement has been declared effective by the SEC;

(j) make available upon reasonable notice at reasonable times and for reasonable periods for inspection by the Investors and by any attorney, accountant or other agent retained by the Investors, all pertinent financial and other records and pertinent corporate documents and properties of the Company, and cause all of the Company's officers, directors and employees and the independent public accountants who have certified its financial statements to make themselves available to discuss the business of the Company and to supply all information reasonably requested by any such person in connection with such Registration Statement; provided, however, that the Company shall not disclose material nonpublic information to the Investors, or to advisors to or representatives of the Investors, unless prior to disclosure of such information the Company identifies such information as being material nonpublic information and provides the Investors, such advisors and such representatives with the opportunity to accept or refuse to accept such material nonpublic information for review; and

(k) 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 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 all of the Registrable Securities shall have been resold; (ii) file with the SEC in a timely manner all reports and other documents required of the Company under the 1934 Act; and (iii) furnish 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 1934 Act, (B) a copy of 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.

#### 4. Obligations of the Investors.

(a) Notwithstanding any other provision of the Agreement, no Investor may include any of its Registrable Securities in the Registration Statement pursuant to this Agreement unless such Investor furnishes to the Company a completed questionnaire reasonably similar to the form of Exhibit B (the “**Questionnaire**”) for use in connection with the Registration Statement at least five (5) Business Days prior to the anticipated filing date of the Registration Statement if such Investor elects to have any of the Registrable Securities included in such Registration Statement. In addition to the Questionnaire, each Investor shall furnish such other information as shall be reasonably required to effect the registration of such Registrable Securities, and shall execute such documents in connection with such registration as the Company may reasonably request.

(b) Each Investor, by its acceptance of the Registrable Securities, agrees to cooperate with the Company as reasonably requested by the Company in connection with the preparation and filing of a Registration Statement hereunder, unless such Investor has notified the Company in writing of its election to exclude all of its Registrable Securities from such Registration Statement.

(c) Each Investor agrees that, upon receipt of any notice from the Company of either (i) the commencement of an Allowed Delay pursuant to Section 2(c)(ii) or (ii) the happening of an event pursuant to Section 3(g) hereof, such Investor will immediately discontinue disposition of Registrable Securities pursuant to any Registration Statement covering such Registrable Securities, until the Investor is advised by the Company that such dispositions may again be made.

(d) Each Investor covenants and agrees that it will comply with the prospectus delivery requirements of the 1933 Act as applicable to it or an exemption therefrom in connection with sales of Registrable Securities pursuant to any Registration Statement.

#### 5. Indemnification.

(a) **Indemnification by the Company.** The Company will indemnify and hold harmless each Investor and its officers, directors, members, employees and agents, and each other person, if any, who controls such Investor within the meaning of the 1933 Act, against any losses, claims, damages or liabilities (collectively, “**Losses**”), joint or several, to which they may become subject under the 1933 Act or otherwise, insofar as such Losses (or actions in respect thereof) arise out of or are based upon (i) any untrue or alleged untrue statement of any material fact contained in any Registration Statement, any preliminary Prospectus or final Prospectus, or any amendment or supplement thereof, (ii) any omission or alleged omission of a material fact required to be stated therein or necessary to make the statements in any preliminary Prospectus or final Prospectus, or any amendment or supplement thereof, in light of the circumstances under which they were made not misleading or (iii) any violation or alleged violation by the Company or any of its subsidiaries of any federal, state, foreign or common law rule or regulation applicable to the Company or any of its subsidiaries and relating to action or inaction in connection with any such registration, disclosure document or other document or report, except to the extent that any such Losses arise out of or are based upon (i) an untrue statement or alleged untrue statement or omission or alleged omission so made in conformity with Investor Information, (ii) the use by an Investor of an outdated or defective Prospectus after the Company has notified such Investor in writing that such Prospectus is outdated or defective; or (iii) an Investor’s failure to send or give a copy of the Prospectus or supplement (as then amended or supplemented), if required (and not exempted) 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.

(b) **Indemnification by the Investors.** Each Investor agrees, severally but not jointly, to indemnify and hold harmless, to the fullest extent permitted by law, the Company, its directors, officers, employees, stockholders and each person who controls the Company (within the meaning of the 1933 Act) against any Losses resulting from any untrue statement of a material fact or any omission of a material fact required to be stated in any Registration Statement or Prospectus or preliminary Prospectus or amendment or supplement thereto or necessary to make the statements therein not misleading, to the extent, but only to the extent that such untrue statement or omission is contained in any information furnished in writing by such Investor, relating to such Investor, to the Company specifically for inclusion in such Registration Statement or Prospectus or amendment or supplement thereto (“**Investor Information**”). In no event shall the liability of an Investor be greater in amount than the dollar amount of the proceeds (net of all expense paid by such Investor in connection with any claim relating to this Section 5 and the amount of any damages such Investor has otherwise been required to pay by reason of such untrue statement or omission) received by such Investor upon the sale of the Registrable Securities included in such Registration Statement giving rise to such indemnification obligation.

(c) **Conduct of Indemnification Proceedings.** Any person entitled to indemnification hereunder shall (i) give prompt written notice to the indemnifying party of any claim with respect to which it seeks indemnification and (ii) permit such indemnifying party to assume the defense of such claim with counsel reasonably satisfactory to the indemnified party; provided that any person entitled to indemnification hereunder shall have the right to employ separate counsel and to participate in the defense of such claim, but the fees and expenses of such counsel shall be at the expense of such person unless (a) the indemnifying party has agreed in writing to pay such fees or expenses, (b) the indemnifying party shall have failed to assume the defense of such claim and employ counsel reasonably satisfactory to such person or (c) in the reasonable judgment of any such person, based upon written advice of its counsel, a conflict of interest exists between such person and the indemnifying party with respect to such claims (in which case, if the person notifies the indemnifying party in writing that such person elects to employ separate counsel at the expense of the indemnifying party, the indemnifying party shall not have the right to assume the defense of such claim on behalf of such person); and provided, further, that the failure of any indemnified party to give written notice as provided herein shall not relieve the indemnifying party of its obligations hereunder, except to the extent that such failure to give notice shall materially adversely affect the indemnifying party in the defense of any such claim or litigation. It is understood that the indemnifying party shall not, in connection with any proceeding in the same jurisdiction, be liable for fees or expenses of more than one separate firm of attorneys at any time for all such indemnified parties. No indemnifying party will, except with the consent of the indemnified party, which shall not be unreasonably withheld or conditioned, consent to entry of any judgment or enter into any settlement that does not include as an unconditional term thereof the giving by the claimant or plaintiff to such indemnified party of a release from all liability in respect of such claim or litigation.

(d) **Contribution.** If for any reason the indemnification provided for in the preceding paragraphs (a) and (b) is unavailable to an indemnified party or insufficient to hold it harmless, other than as expressly specified therein, then the indemnifying party shall contribute to the amount paid or payable by the indemnified party as a result of such loss, claim, damage or liability, severally and not jointly, in such proportion as is appropriate to reflect the relative fault of the indemnified party and the indemnifying party, as well as any other relevant equitable considerations. No person guilty of fraudulent misrepresentation within the meaning of Section 11(f) of the 1933 Act shall be entitled to contribution from any person not guilty of such fraudulent misrepresentation. In no event shall the contribution obligation of an Investor be greater in amount than the dollar amount of the proceeds (net of all expenses paid by such holder in connection with any claim relating to this Section 5 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 it upon the sale of the Registrable Securities giving rise to such contribution obligation.

## 6. Miscellaneous.

(a) **Effective Date.** This Agreement shall be effective as of the Closing, and if the Closing has not occurred on or prior to fifth Trading Day following the date of the Purchase Agreement, unless otherwise mutually agreed, then this Agreement shall be null and void.

(b) **Amendments and Waivers.** This Agreement may be amended only by a writing signed by the Company and the Required Investors. The Company may take any action herein prohibited, or omit to perform any act herein required to be performed by it, only if the Company shall have obtained the written consent to such amendment, action or omission to act of the Required Investors.

(c) **Notices.** All notices and other communications provided for or permitted hereunder shall be made as set forth in Section 9.5 of the Purchase Agreement.

(d) **Assignments and Transfers by Investors.** The provisions of this Agreement shall be binding upon and inure to the benefit of the Investors and their respective successors and assigns. An Investor may transfer or assign, in whole or from time to time in part, to one or more persons its rights hereunder in connection with the transfer of Registrable Securities by such Investor to such person, provided that such Investor complies with all laws applicable thereto, and the provisions of the Purchase Agreement, and provides written notice of assignment to the Company promptly after such assignment is effected, and such person agrees in writing to be bound by all of the provisions contained herein.

(e) **Assignments and Transfers by the Company.** This Agreement may not be assigned by the Company (whether by operation of law or otherwise) without the prior written consent of the Required Investors, provided, however, that in the event that the Company is a party to a merger, consolidation, share exchange or similar business combination transaction in which the Common Stock is 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 Investors in connection with such transaction unless such securities are otherwise freely tradable by the Investors after giving effect to such transaction.

(f) **Benefits of the Agreement.** The terms and conditions of this Agreement shall inure to the benefit of and be binding upon the respective permitted successors and assigns of the parties. 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.

(g) **Counterparts.** This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. Counterparts may be delivered via facsimile, electronic mail (including pdf or any electronic signatures complying with the U.S. federal E-SIGN Act of 2000, e.g., [www.docusign.com](http://www.docusign.com)) or other transmission method and any counterpart so delivered shall be deemed to have been duly and validly delivered and be valid and effective for all purposes.

(h) **Titles and Subtitles.** The titles and subtitles used in this Agreement are used for convenience only and are not to be considered in construing or interpreting this Agreement.

(i) **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.

(j) **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.

(k) **Entire Agreement.** This Agreement is intended by the parties as a final expression of their agreement and intended to be a complete and exclusive statement of the agreement and understanding of the parties hereto in respect of the subject matter contained herein. This Agreement supersedes all prior agreements and understandings between the parties with respect to such subject matter.

(l) **Governing Law.** This Agreement shall be governed by, and construed in accordance with, the laws of the State of Delaware. Service of process in connection with any such suit, action or proceeding may be served on each party hereto anywhere in the world by the same methods as are specified for the giving of notices under this Agreement.

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

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK]

IN WITNESS WHEREOF, the parties have executed this Agreement or caused their duly authorized officers to execute this Agreement as of the date first above written.

**COMPANY**

TFF PHARMACEUTICALS, INC.

By: \_\_\_\_\_

Glenn A. Mattes,  
Chief Executive Officer

[REMAINDER OF PAGE INTENTIONALLY LEFT BLANK  
SIGNATURE PAGE FOR INVESTORS FOLLOWS]

[INVESTOR SIGNATURE PAGES TO REGISTRATION RIGHTS AGREEMENT]

IN WITNESS WHEREOF, the parties have executed this Agreement or caused their duly authorized officers to execute this Agreement as of the date first above written.

Name of Investor: \_\_\_\_\_

*Signature of Authorized Signatory of Investor:* \_\_\_\_\_

Name of Authorized Signatory: \_\_\_\_\_

Title of Authorized Signatory: \_\_\_\_\_

[SIGNATURE PAGES CONTINUE]

## EXHIBIT A

### **Plan of Distribution**

The selling stockholders, which as used herein includes donees, pledgees, transferees or other successors-in-interest selling shares of common stock or interests in shares of common stock received after the date of this prospectus from a selling stockholder as a gift, pledge, partnership distribution or other transfer, may, from time to time, sell, transfer or otherwise dispose of any or all of their shares of common stock or interests in shares of common stock on any stock exchange, market or trading facility on which the shares are traded or in private transactions. These dispositions may be at fixed prices, at prevailing market prices at the time of sale, at prices related to the prevailing market price, at varying prices determined at the time of sale, or at negotiated prices.

The selling stockholders may use any one or more of the following methods when disposing of shares or interests therein:

- ordinary brokerage transactions and transactions in which the broker-dealer solicits purchasers;
- block trades in which the broker-dealer will attempt to sell the shares as agent, but may position and resell a portion of the block as principal to facilitate the transaction;
- purchases by a broker-dealer as principal and resale by the broker-dealer for its account;
- an exchange distribution in accordance with the rules of the applicable exchange;
- privately negotiated transactions;
- short sales effected after the date the registration statement of which this prospectus is a part is declared effective by the SEC;
- through the writing or settlement of options or other hedging transactions, whether through an options exchange or otherwise;
- broker-dealers may agree with the selling stockholders to sell a specified number of such shares at a stipulated price per share;
- a combination of any such methods of sale; and
- any other method permitted by applicable law.

The selling stockholders may, from time to time, pledge or grant a security interest in some or all of the shares of common stock owned by them and, if they default in the performance of their secured obligations, the pledgees or secured parties may offer and sell the shares of common stock, from time to time, under this prospectus, or under an amendment to this prospectus under Rule 424(b)(3) or other applicable provision of the Securities Act of 1933, as amended (the "Securities Act"), amending the list of selling stockholders to include the pledgee, transferee or other successors in interest as selling stockholders under this prospectus. The selling stockholders also may transfer the shares of common stock in other circumstances, in which case the transferees, pledgees or other successors in interest will be the selling beneficial owners for purposes of this prospectus.

In connection with the sale of our common stock or interests therein, the selling stockholders may enter into hedging transactions with broker-dealers or other financial institutions, which may in turn engage in short sales of the common stock in the course of hedging the positions they assume. The selling stockholders may also sell shares of our common stock short and deliver these securities to close out their short positions, or loan or pledge the common stock to broker-dealers that in turn may sell these securities. The selling stockholders may also enter into option or other transactions with broker-dealers or other financial institutions or the creation of one or more derivative securities which require the delivery to such broker-dealer or other financial institution of shares offered by this prospectus, which shares such broker-dealer or other financial institution may resell pursuant to this prospectus (as supplemented or amended to reflect such transaction).

The aggregate proceeds to the selling stockholders from the sale of the common stock offered by them will be the purchase price of the common stock less discounts or commissions, if any. Each of the selling stockholders reserves the right to accept and, together with their agents from time to time, to reject, in whole or in part, any proposed purchase of common stock to be made directly or through agents. We will not receive any of the proceeds from this offering. Upon any exercise of the warrants by payment of cash, however, we will receive the exercise price of the warrants.

The selling stockholders also may resell all or a portion of the shares in open market transactions in reliance upon Rule 144 under the Securities Act of 1933, provided that they meet the criteria and conform to the requirements of that rule.

The selling stockholders and any underwriters, broker-dealers or agents that participate in the sale of the common stock or interests therein may be “underwriters” within the meaning of Section 2(11) of the Securities Act. Any discounts, commissions, concessions or profit they earn on any resale of the shares may be underwriting discounts and commissions under the Securities Act. Selling stockholders who are “underwriters” within the meaning of Section 2(11) of the Securities Act will be subject to the prospectus delivery requirements of the Securities Act.

To the extent required, the shares of our common stock to be sold, the names of the selling stockholders, the respective purchase prices and public offering prices, the names of any agents, dealer or underwriter, and any applicable commissions or discounts with respect to a particular offer will be set forth in an accompanying prospectus supplement or, if appropriate, a post-effective amendment to the registration statement that includes this prospectus.

In order to comply with the securities laws of some states, if applicable, the common stock may be sold in these jurisdictions only through registered or licensed brokers or dealers. In addition, in some states the common stock may not be sold unless it has been registered or qualified for sale or an exemption from registration or qualification requirements is available and is complied with.

We have advised the selling stockholders that the anti-manipulation rules of Regulation M under the Securities Exchange Act of 1934, as amended, may apply to sales of shares in the market and to the activities of the selling stockholders and their affiliates. In addition, to the extent applicable, we will make copies of this prospectus (as it may be supplemented or amended from time to time) available to the selling stockholders for the purpose of satisfying the prospectus delivery requirements of the Securities Act. The selling stockholders may indemnify any broker-dealer that participates in transactions involving the sale of the shares against certain liabilities, including liabilities arising under the Securities Act.

We have agreed to indemnify the selling stockholders against liabilities, including liabilities under the Securities Act and state securities laws, relating to the registration of the shares offered by this prospectus.

We have agreed with the selling stockholders to use commercially reasonable efforts to cause the registration statement of which this prospectus constitutes a part effective and to remain continuously effective until the earlier of (1) such time as all of the shares covered by this prospectus have been disposed of pursuant to and in accordance with such registration statement or (2) the date on which all of the shares may be sold without restriction pursuant to Rule 144 of the Securities Act.

**EXHIBIT B**

**FORM OF**

**SELLING SECURITYHOLDER QUESTIONNAIRE**

Reference is made to that certain registration rights agreement (the “**Registration Rights Agreement**”), dated as of August 10, 2020, by and among TFF Pharmaceuticals, Inc. (the “**Company**”), and [\_\_\_\_\_]. Capitalized terms used and not defined herein shall have the meanings given to such terms in the Registration Rights Agreement.

The undersigned Holder (the “**Selling Securityholder**”) of the Registrable Securities is providing this Selling Securityholder Questionnaire pursuant to Section 4(a) of the Registration Rights Agreement.

The Selling Securityholder provides the following information to the Company and represents and warrants that such information is accurate and complete:

- (1) (a) Full Legal Name of Selling Securityholder:  
\_\_\_\_\_
- (b) Full Legal Name of Registered Holder (if not the same as (a) above) through which Registrable Securities listed in (3) below are held:  
\_\_\_\_\_
- (c) Full Legal Name of DTC Participant (if applicable and if not the same as (b) above) through which Registrable Securities listed in (3) below are held:  
\_\_\_\_\_

- (2) Address for Notices to Selling Securityholder:  
\_\_\_\_\_  
\_\_\_\_\_

Telephone (including area code): \_\_\_\_\_

Fax (including area code): \_\_\_\_\_

Contact Person: \_\_\_\_\_

(3) Beneficial Ownership of Registrable Securities:

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(a) Type and Principal Amount/Number of Registrable Securities beneficially owned:

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(b) CUSIP No(s). of such Registrable Securities beneficially owned:

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(4) Beneficial Ownership of Other Securities of the Company Owned by the Selling Securityholder:

*Except as set forth below in this Item (4), the Selling Securityholder is not the beneficial or registered owner of any securities of the Company other than the Registrable Securities listed above in Item (3).*

(a) Type and Amount of Other Securities owned by the Selling Securityholder:

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(b) CUSIP No(s). of such Other Securities beneficially owned:

(5) Relationship with the Company:

*Except as set forth below, neither the Selling Securityholder nor any of its affiliates, officers, directors or principal equity holders (5% or more) 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:

(6) Is the Selling Securityholder a registered broker-dealer?

Yes

No

If "Yes", please answer subsection (a) and subsection (b):

(a) Did the Selling Securityholder acquire the Registrable Securities as compensation for underwriting/broker-dealer activities to the Company?

Yes

No

(b) If you answered "No" to question 6(a), please explain your reason for acquiring the Registrable Securities:

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(7) Is the Selling Securityholder an affiliate of a registered broker-dealer?

Yes

No

If "Yes", please identify the registered broker-dealer(s), describe the nature of the affiliation(s) and answer subsection (a) and subsection (b):

(a) Did the Selling Securityholder purchase the Registrable Securities in the ordinary course of business (if no, please explain)?

Yes

No

Explain:

(b) Did the Selling Securityholder have an agreement or understanding, directly or indirectly, with any person to distribute the Registrable Securities at the same time the Registrable Securities were originally purchased (if yes, please explain)?

Yes

No

Explain:

(8) Is the Selling Securityholder a non-public entity?

Yes

No

If “Yes”, please answer subsection (a):

(a) Identify the natural person or persons that have voting or investment control over the Registrable Securities that the non-public entity owns:

In accordance with the Selling Securityholder’s obligation under the Registration Rights Agreement to provide such information as may be required by law or by the staff of the SEC for inclusion in the Registration Statement, the Selling Securityholder agrees to promptly notify the Company of any inaccuracies or changes in the information provided herein that may occur subsequent to the date hereof at anytime prior to the effectiveness of the Registration Statement. All notices to the Selling Securityholder pursuant to the Registration Rights Agreement shall be made in writing, by hand-delivery, first-class mail, or air courier guaranteeing overnight delivery to the address set forth below.

By signing below, the Selling Securityholder consents to the disclosure of the information contained herein in its answers to Items (1) and (3) through (9) above and the inclusion of such information in the Registration Statement and the related Prospectus (but, for the avoidance of doubt, not the answers to Item (2) without the Selling Securityholder’s consent). 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.

By signing below, the undersigned agrees that if the Company notifies the undersigned that the Registration Statement is not available pursuant to the terms of the Registration Rights Agreement, the undersigned will suspend use of the Prospectus until notice from the Company that the Prospectus is again available.

Once this Selling Securityholder Questionnaire is executed by the undersigned and received by the Company, the terms of this Selling Securityholder Questionnaire, and the representations, warranties and agreements contained herein, shall be binding on, shall inure to the benefit of and shall be enforceable by the respective successors, heirs, personal representatives, and assigns of the Company and the undersigned with respect to the Registrable Securities beneficially owned by the undersigned and listed in Item (3) above. This Selling Securityholder Questionnaire 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.

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

Dated: \_\_\_\_\_

\_\_\_\_\_

Owner

By: /s/

Name: \_\_\_\_\_

Title: \_\_\_\_\_

PLEASE RETURN THE COMPLETED AND EXECUTED  
SELLING SECURITYHOLDER QUESTIONNAIRE TO THE COMPANY AT:



## **TFF Pharmaceuticals Announces \$25.9 Million in Financing to Further Advance its Thin Film Freezing Technology Platform**

**AUSTIN, TX – August 11, 2020** -- TFF Pharmaceuticals, Inc. (NASDAQ: TFFP), a clinical-stage biopharmaceutical company focused on developing and commercializing innovative drug products based on its patented Thin Film Freezing (TFF) technology platform, today announced that it has entered into a definitive agreement with a syndicate of high quality healthcare investors for the private placement of up to \$25,913,550, before deducting placement agent and other offering expenses, of common shares of the Company. The private placement is expected to close, subject to customary closing conditions, on Thursday, August 13, 2020.

Jefferies LLC served as placement agent in the transaction.

Net proceeds from the financing will be used to accelerate the expansion of the company's internal development portfolio beyond its programs for Voriconazole and Tacrolimus inhalation powders. These investments will continue to focus on products that have the potential to produce better therapeutic outcomes with thin film freezing formulations. The Company will continue its strategic focus on products that can achieve marketing approval following the 505(b)(2) regulatory pathway.

"Today's significant financing, by these quality healthcare institutional investors, underlines our commitment to bring our advanced technology to improve drug delivery, and will allow us to accelerate and advance our internal development pipeline," said Glenn Mattes, President and CEO of TFF Pharmaceuticals. "Our ability to secure this transaction is a strong validation of our Thin Film Freezing technology platform and reflects our track record in meeting internal development milestones, as well as our active business development and partnering efforts."

The securities to be sold in this private placement have not been registered under the Securities Act of 1933, as amended (the Securities Act) or applicable state securities laws, and accordingly 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 and such applicable state securities laws.

### **About TFF Pharmaceuticals' Thin Film Freezing technology platform**

TFF Pharmaceuticals' Thin Film Freezing (TFF) platform was designed to improve the solubility and absorption of poorly water-soluble drugs and is particularly suited to generate dry powder particles with properties targeted for inhalation delivery, especially to the deep lung, an area of extreme interest in respiratory medicine. The TFF process results in a "Brittle Matrix Particle," which possesses low bulk density, high surface area, and typically an amorphous morphology, allowing the particles to supersaturate when contacting the target site, such as lung tissue. Based upon laboratory experiments the aerodynamic properties of the particles are such that the portion of a drug deposited to the deep lung has the potential to reach as high as 75 percent.

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**About TFF Pharmaceuticals**

TFF Pharmaceuticals, Inc. is a clinical-stage biopharmaceutical company focused on developing and commercializing innovative drug products based on its patented Thin Film Freezing, or TFF, technology platform. Early testing confirms that the TFF platform can significantly improve the solubility and absorption of poorly water-soluble drugs, a class of drugs that comprises approximately one-third of the major pharmaceuticals worldwide, thereby improving their pharmacokinetics. TFF Pharmaceuticals has two lead drug candidates: Voriconazole Inhalation Powder and Tac-Lac Inhalation Powder. The Company plans to add to this pipeline by collaborating with large pharmaceutical partners. The TFF Platform is protected by 42 patents issued or pending in the US and internationally. To learn more about TFF Pharmaceuticals and its product candidates, visit the Company's website at <https://tffpharma.com>.

**SAFE HARBOR**

This press release contains forward-looking statements regarding the expected closing of the private placement by TFF Pharmaceuticals, Inc. and the intended use of proceeds from the offering. The offering is subject to customary closing conditions and there can be no assurance as to whether or when the offering may be completed. Forward-looking statements involve known and unknown risks, uncertainties and other factors that could cause actual results to differ materially, including those risks disclosed under the caption "Risk Factors" section "Risk Factors" included in the Company's 2019 Annual Report on Form 10-K filed with the Securities and Exchange Commission (SEC) on March 26, 2020, as well as discussions of potential risks, uncertainties, and other important factors in our subsequent filings with the SEC. TFF Pharmaceuticals cautions readers not to place undue reliance on any forward-looking statements. TFF Pharmaceuticals does not undertake, and specifically disclaims, any obligation to update or revise such statements to reflect new circumstances or unanticipated events as they occur, except as required by law.

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