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

FORM 8-K

CURRENT REPORT

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

Date of Report (Date of earliest event reported): January 24, 2018

CTI BIOPHARMA CORP.
(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation or organization)

001-12465
(Commission
File Number)

91-1533912
(I.R.S. Employer
Identification Number)

**3101 Western Avenue, Suite 800
Seattle, Washington 98121**
(Address of principal executive offices)

Registrant's telephone number, including area code: (206) 282-7100

Not applicable
(Former name or former address, if changed since last report).

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

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

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

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

Item 1.01. Entry into a Material Definitive Agreement.

On January 24, 2018 (the “Effective Date”), CTI BioPharma Corp., a Delaware corporation (“CTI DE” or, after giving effect to the Reincorporation Merger (defined below), the “Company”), entered into an Agreement and Plan of Merger (the “Merger Agreement”) with CTI BioPharma Corp., a Washington corporation and then parent company of the Company (“CTI WA”), pursuant to which CTI WA would merge with and into CTI DE for the sole purpose of reincorporating CTI WA in the State of Delaware (the “Reincorporation Merger”). The Reincorporation Merger and the Merger Agreement were approved by the Board of Directors of CTI WA and by a majority of the votes actually cast by the shareholders entitled to vote at CTI WA’s Special Meeting of Shareholders held on January 24, 2018 (the “Special Meeting”).

On the Effective Date, CTI DE and CTI WA effected the Reincorporation Merger, thereby changing the state of incorporation of CTI BioPharma Corp. from the State of Washington to the State of Delaware pursuant to the Merger Agreement. The Reincorporation Merger was accomplished by the filing of (i) articles of merger with the Secretary of State of the State of Washington (the “Washington Articles of Merger”) and (ii) a certificate of merger (the “Delaware Certificate of Merger”) and the Company’s Certificate of Incorporation (the “Delaware Charter”) with the Secretary of State of the State of Delaware. As of the Effective Date, the rights of CTI WA’s stockholders began to be governed by the General Corporation Law of the State of Delaware, the Delaware Charter and the Bylaws of the Company (the “Delaware Bylaws”). As a result of the Reincorporation Merger, CTI WA has ceased to exist as a separate entity.

CTI DE’s common stock, par value \$0.001 per share (the “Common Stock”), will continue to trade on Nasdaq. The Company’s trading symbol remains as “CTIC.” In accordance with Rule 12g-3 under the Securities Exchange Act of 1934, as amended (the “Exchange Act”), the shares of Common Stock of the Company were deemed to be registered under Section 12(b) of the Exchange Act as a successor to CTI WA. The Delaware Charter authorizes the same number of shares of the Common Stock and each class of preferred stock of CTI WA, except that all subseries of Series N Preferred Stock are eliminated and reclassified as Series N Preferred Stock and the number of authorized Series N Preferred Stock is reduced to 575. In addition, each share of CTI DE common stock and preferred stock has a par value of \$0.001 per share.

The Reincorporation Merger changed the legal domicile of CTI WA, but did not result in any change in the principal offices, business, management, capitalization, assets or liabilities of the Company. By operation of law, the Company succeeded to all of the assets and assumed all of the liabilities of CTI WA. The officers and directors of CTI WA are the officers and directors of the Company. As a result of the Reincorporation Merger, the Company has assumed all of the CTI WA employee benefit plans and stock incentive plans in effect at the Effective Date, including CTI WA’s 2017 Equity Incentive Plan, 2015 Equity Incentive Plan, 2007 Equity Incentive Plan, and 2007 Employee Stock Purchase Plan (the “Stock Plans”) and any and all stock options, restricted stock and restricted stock unit awards, and other equity-based awards that are outstanding under any of the Stock Plans or any individual award agreements outside of the Stock Plans (the “Outstanding Awards”). The Company has also assumed CTI WA’s rights plan with Computershare Trust Company, N.A., as rights agent, dated as of December 28, 2009 and amended on August 31, 2012, December 3, 2012, December 1, 2015 and September 22, 2017 (the “Rights Plan”). The description of the Rights Plan contained in this Item 1.01 does not purport to be complete and is subject to and qualified in its entirety by reference to the Shareholder Rights Agreement filed as Exhibit 4.1 to the Form 8-K filed by CTI WA on December 28, 2009, the First Amendment to Shareholder Rights Agreement filed as Exhibit 4.1 to the Form 8-K filed by CTI WA on September 4, 2012, the Second Amendment to Shareholder Rights Agreement filed as Exhibit 4.1 to the Form 8-K filed by CTI WA on December 7, 2012, the Third Amendment to Shareholder Rights Agreement filed as Exhibit 4.1 to the Form 8-K filed by CTI WA on December 1, 2015, and Fourth Amendment to Shareholder Rights Agreement filed as Exhibit 4.1 to the Form 8-K filed by CTI WA on September 26, 2017, all of which are incorporated into this Item 1.01 by reference.

In connection with the Reincorporation Merger, the Company has entered into indemnification agreements with each of its executive officers and directors in which the Company agrees to hold harmless and indemnify the officer or director to the fullest extent permitted by Delaware law. The foregoing description of the indemnification agreements is a summary and

is qualified in its entirety by reference to the full text of the Form of Indemnification Agreement, a copy of which is filed as Exhibit 10.1 to this Form 8-K and incorporated herein by reference.

On the Effective Date, the Reincorporation Merger triggered an automatic delisting of CTI WA's common stock from the Borsa Italiana exchange.

The description of the Merger Agreement set forth above does not purport to be complete and is qualified in its entirety by reference to the full text of the Merger Agreement, a copy of which is filed by the Company as Exhibit 2.1 to this Form 8-K and incorporated herein by reference.

Item 3.03. Material Modification to Rights of Security Holders.

The disclosure required by this Item and included in Item 1.01 of this Current Report on Form 8-K is incorporated herein by reference.

Item 5.03. Adjustments to Articles of Incorporation or Bylaws; Change in Fiscal Year.

The disclosure required by this Item and included in Item 1.01 of this Current Report on Form 8-K is incorporated herein by reference. The Delaware Charter is attached hereto as Exhibit 3.1 and the Delaware Bylaws are attached hereto as Exhibit 3.2.

Item 5.07. Submission of Matters to a Vote of Security Holders.

The disclosure required by this Item and included in Item 1.01 of this Current Report on Form 8-K is incorporated herein by reference.

At the Special Meeting, CTI WA's shareholders voted on and approved the two proposals listed below. The proposals are described in detail in CTI WA's definitive proxy statement for the Special Meeting (the "Proxy"), filed with the Securities and Exchange Commission on December 8, 2017. The final results for the votes regarding each proposal are set forth below. The total number of outstanding shares of CTI WA's common stock entitled to vote at the meeting (based on the December 5, 2017 record date) was 42,968,066 votes, and there were present at the meeting, in person or by proxy, 18,634,354 votes, which number constituted a quorum for the meeting. The results of the voting of each such matter are presented below.

Proposal 1: Approval of Delaware Reincorporation:

Votes For	Votes Against	Abstentions	Broker Non-Votes
18,489,913	56,486	87,955	—

Proposal 2: Approval of the Adjournment of the Special Meeting, if Necessary or Appropriate, to Solicit Additional Proxies

Votes For	Votes Against	Abstentions	Broker Non-Votes
18,476,602	116,410	41,342	—

Item 9.01. Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
<u>2.1</u>	<u>Agreement and Plan of Merger, dated January 24, 2018, by and between CTI BioPharma Corp., a Washington corporation, and CTI BioPharma Corp., a Delaware corporation.</u>
<u>3.1</u>	<u>Certificate of Incorporation of CTI BioPharma Corp., a Delaware corporation, dated January 24, 2018.</u>
<u>3.2</u>	<u>Bylaws of CTI BioPharma Corp., a Delaware corporation.</u>
<u>10.1</u>	<u>Form of Indemnification Agreement.</u>

SIGNATURE

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.

CTI BIOPHARMA CORP.

Date: January 24, 2018

By: /s/ David H. Kirske
David H. Kirske
Chief Financial Officer

EXHIBIT INDEX

**Exhibit
No.**

-
- [2.1](#) [Agreement and Plan of Merger, dated January 24, 2018, by and between CTI BioPharma Corp., a Washington corporation, and CTI BioPharma Corp., a Delaware corporation.](#)
- [3.1](#) [Certificate of Incorporation of CTI BioPharma Corp., a Delaware corporation, dated January 24, 2018.](#)
- [3.2](#) [Bylaws of CTI BioPharma Corp., a Delaware corporation.](#)
- [10.1](#) [Form of Indemnification Agreement.](#)

AGREEMENT AND PLAN OF MERGER

This **AGREEMENT AND PLAN OF MERGER** (this *Agreement*), dated as of January 24, 2018, is entered into by and between CTI BioPharma Corp., a Delaware corporation (the *Delaware Corporation*), and CTI BioPharma Corp., a Washington corporation (the *Washington Corporation*).

WHEREAS, the Washington Corporation is a corporation duly organized and existing under the laws of the State of Washington and is authorized to issue (i) Eighty One Million Five Hundred Thousand (81,500,000) shares of common stock, no par value per share (the *Washington Corporation Common Stock*), and (ii) Thirty-Three Thousand Three Hundred Thirty-Three (33,333) shares of preferred stock, no par value per share (the *Washington Corporation Preferred Stock*)? and

WHEREAS, the Delaware Corporation is a corporation duly organized and existing under the laws of the State of Delaware, is a wholly owned subsidiary of the Washington Corporation and is authorized to issue (i) Eighty One Million Five Hundred Thousand (81,500,000) shares of common stock, \$0.001 par value per share (the *Delaware Corporation Common Stock*) of which one hundred (100) shares are issued to the Washington Corporation and outstanding as of the date hereof, and (ii) Thirty-Three Thousand Three Hundred Thirty-Three (33,333) shares of preferred stock, \$0.001 par value per share (the *Delaware Corporation Preferred Stock*); and

WHEREAS, the Board of Directors of each of the Delaware Corporation and the Washington Corporation have approved and adopted this Agreement and the transactions contemplated by this Agreement, in each case after making a determination that this Agreement and such transactions are advisable and fair to, and in the best interests of, such corporation and its stockholders; and

WHEREAS, pursuant to the transactions contemplated by this Agreement and on the terms and subject to the conditions set forth herein, the Washington Corporation, in accordance with the Delaware General Corporation Law (*DGCL*), will merge with and into the Delaware Corporation, with the Delaware Corporation as the surviving corporation in the merger (the *Merger*); and

WHEREAS, the Board of Directors of the Washington Corporation will furnish a proxy statement (the *Proxy Statement*) in connection with the solicitation of proxies to be voted at a special meeting of the Washington Corporation's stockholders on January 24, 2018 at 10 a.m. Pacific Time, held at 3101 Western Avenue, Suite 800, Seattle, WA 98121, or any adjournment or postponement thereof (the *Special Meeting*); and

WHEREAS, for US federal income tax purposes, the parties intend that the Merger qualify as a tax-free reorganization within the meaning of Section 368(a) of the Internal Revenue Code of 1986, as amended.

NOW, THEREFORE, in consideration of the mutual covenants, terms and conditions set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

1. Merger. Upon the terms and subject to the conditions set forth in this Agreement, and in accordance with 252 of the DGCL and Section 23B.11.070 of the Washington Business Corporation Act (the *Act*), the Washington Corporation shall be merged with and into the Delaware Corporation at the Effective Time (as hereinafter defined). Following the Effective Time, the separate corporate existence of the Washington Corporation shall cease, and the Delaware Corporation shall continue as the surviving corporation and shall continue to be governed by the laws of the State of Delaware. The effects and consequences of the Merger shall be as set forth in this Agreement and the DGCL.

2. Condition; Effective Time.

(a) Pursuant to the Revised Code of Washington, Section 23B.17.015, the obligations of the parties to effect the Merger and to otherwise consummate the transactions contemplated by this Agreement are subject to the Washington Corporation having obtained the approval of this Agreement by the affirmative vote of a majority of votes actually cast by the Washington Corporation stockholders entitled to vote on the Merger at the Special Meeting, in person or by proxy, provided that the affirmative votes equal or exceed fifteen percent of votes within the voting group (the *Required Approval*).

(b) Subject to the provisions of this Agreement, the Merger shall be effective upon the filing of a certificate of merger (the *Certificate of Merger*) complying with 252(c) of the DGCL with the Secretary of State of the State of Delaware with respect to the Merger and the filing of the articles of merger (the *Articles of Merger*) with the Secretary of State of the State of Washington, which filings shall be made as soon as practicable after the Required Approval has been obtained (the *Effective Time*).

(c) The Merger shall have the effects set forth in the DGCL, including without limitation, Section 259 of the DGCL. Without limiting the generality of the foregoing, from the Effective Time: (i) all the properties, rights, privileges, immunities, powers and franchises of the Washington Corporation shall vest in the Delaware Corporation, and (ii) all debts, liabilities, obligations and duties of the Washington Corporation shall become the debts, liabilities, obligations and duties of the Delaware Corporation.

3. Organizational Documents. The bylaws of the Delaware Corporation in effect at the Effective Time shall be the bylaws of the Delaware Corporation until thereafter amended as provided therein or by the DGCL, and the certificate of incorporation of the Delaware Corporation in effect at the Effective Time, as amended pursuant to the Certificate of Merger, shall be the certificate of incorporation of the Delaware Corporation until thereafter amended as provided therein or by the DGCL.

4. Directors and Officers. The directors and officers of the Washington Corporation immediately prior to the Effective Time shall be the directors and officers, respectively, of the Delaware Corporation from and after the Effective Time and shall hold office until the earlier of their respective death, resignation or removal or their respective successors are duly elected or appointed and qualified in the manner provided for in the certificate of incorporation and bylaws of the Delaware Corporation or as otherwise provided by the DGCL.

5. Conversion of Securities. At the Effective Time, by virtue of the Merger and without any action on the part of the Delaware Corporation or the Washington Corporation or the holders of shares of capital stock of the Washington Corporation:

(a) each share of Washington Corporation Common Stock issued and outstanding immediately prior to the Effective Time shall be converted into one validly issued, fully paid and non-assessable share of Delaware Corporation Common Stock, and all such shares of Washington Corporation Common Stock shall automatically be cancelled and retired and shall cease to exist;

(b) each share of Washington Corporation Preferred Stock issued and outstanding immediately prior to the Effective Time shall be converted into one validly issued, fully paid and non-assessable share of Delaware Corporation Preferred Stock, and all such shares of Washington Corporation Preferred Stock shall automatically be cancelled and retired and shall cease to exist; *provided that*, from and after the Effective Time, the holders of Delaware Corporation Preferred Stock shall have the right to convert such shares of Delaware Corporation Preferred Stock into validly issued, fully paid and non-

assessable shares of Delaware Corporation Common Stock, in accordance with and to the extent set forth in the Certificate of Designations of the Delaware Corporation's Series N Preferred Stock in the Delaware Corporation's Certificate of Incorporation; and

- (c) each share of capital stock of the Delaware Corporation issued and outstanding immediately prior to the Effective Time shall automatically be cancelled and cease to be outstanding following the consummation of the Merger.

6. Warrants of the Washington Corporation. At the Effective Time, by virtue of the Merger and without any action on the part of the holders thereof, each outstanding warrant (the **Warrants** or **Warrant**) which prior to that time represented a Warrant of the Washington Corporation shall cease to exist and shall be deemed for all purposes to evidence ownership of and to represent a Warrant of the Delaware Corporation and shall be so registered on the books and records of the Delaware Corporation or its transfer agent.

7. Equity-Based Awards of the Washington Corporation. At the Effective Time, by virtue of the Merger and without any action on the part of the holders thereof, the Delaware Corporation will assume and continue any and all of the Washington Corporation's employee benefit plans and stock incentive plans in effect at the Effective Time, including the Washington Corporation's 2017 Equity Incentive Plan, 2015 Equity Incentive Plan and 2007 Equity Incentive Plan (the "**Stock Plans**") and any and all stock options, restricted stock and restricted stock unit awards, and other equity-based awards that are then outstanding under any of the Stock Plans (the "**Outstanding Awards**"). At the Effective Time, by virtue of the Merger and without any action on the part of the holders thereof, each Outstanding Award will automatically be converted into an award covering an equal number of shares of Delaware Corporation Common Stock (with, in the case of options and similar awards, the same per-share exercise price that applied to the Outstanding Award prior to the Effective Time). The Delaware Corporation shall continue to reserve that number of shares of Delaware Corporation Common Stock with respect to each such Outstanding Award as was reserved by the Washington Corporation prior to the Effective Time with no other changes in the terms and conditions of such Outstanding Awards, and each Outstanding Award of the Washington Corporation shall be converted into an Outstanding Award of the Delaware Corporation and shall be so registered on the books and records of the Delaware Corporation or its transfer agent. On and after the Effective Time, all awards previously issued under or that may be issued in the future under any of the Stock Plans will be deemed to be issued by or may be issued by the Delaware Corporation. In addition, at the Effective Time, the Washington Corporation's 2007 Employee Stock Purchase Plan (the "**ESPP**") shall be assumed by the Delaware Corporation, and any Offering Period (as defined in the ESPP) then in progress shall continue in effect in accordance with its terms, except that the purchase rights under the ESPP will be exercised at the end of the Offering Period for shares of Delaware Corporation Common Stock rather than shares of Washington Corporation Common Stock.

8. Stock Certificates.

- (a) After the Effective Time, each holder of a certificate representing shares of Washington Corporation Common Stock may, at such stockholder's option, surrender the same for cancellation to the transfer agent of the Delaware Corporation (the **Agent**), and each such holder shall be entitled to receive in exchange therefor a certificate or certificates representing the number of shares of Delaware Corporation Common Stock into which the shares formerly represented by the surrendered certificate were converted as herein provided. Until so surrendered, each certificate representing shares of Washington Corporation Common Stock outstanding immediately prior to the Effective Time shall be deemed for all purposes, from and after the Effective Time, to represent the number of shares of

Delaware Corporation Common Stock into which such shares of Washington Corporation Common Stock were converted in the Merger.

- (b) After the Effective Time, each holder of a certificate representing shares of Washington Corporation Preferred Stock may, at such stockholder's option, surrender the same for cancellation to the Agent, and each such holder shall be entitled to receive in exchange therefor a certificate or certificates representing the number of shares of Delaware Corporation Preferred Stock into which the shares formerly represented by the surrendered certificate were converted as herein provided. Until so surrendered, each certificate representing shares of Washington Corporation Preferred Stock outstanding immediately prior to the Effective Time shall be deemed for all purposes, from and after the Effective Time, to represent the number of shares of Delaware Corporation Preferred Stock into which such shares of Washington Corporation Preferred Stock were converted in the Merger.
- (c) The registered owner on the books and records of the Delaware Corporation of any shares of stock represented by a certificate of Washington Corporation Common Stock or Washington Corporation Preferred Stock shall, until such certificate shall have been surrendered for transfer or conversion or otherwise accounted for to the Delaware Corporation or the Agent, have and be entitled to exercise any voting and other rights (including the right to receive dividends and other distributions) with respect to the shares of Delaware Corporation Common Stock or Delaware Corporation Preferred Stock, as applicable, represented by such certificate as provided in this Section 8.
- (d) Each certificate representing shares of Delaware Corporation Common Stock or shares of Delaware Corporation Preferred Stock so issued in the Merger shall bear the same legends, if any, with respect to the restrictions on transferability as the certificate of Washington Corporation Common Stock or Washington Corporation Preferred Stock, as applicable, so converted and given in exchange therefor, unless otherwise determined by the Board of Directors of the Delaware Corporation in compliance with applicable laws.

9. Consents and Filings; Reasonable Best Efforts

- (a) The Washington Corporation shall (i) file the Proxy Statement with the United States Securities and Exchange Commission; (ii) duly give notice of, convene and hold the Special Meeting for the purpose of obtaining the Required Approval; and (iii) through its Board of Directors, recommend to its stockholders that they vote in favor of the adoption of this Agreement.
- (b) The Washington Corporation and the Delaware Corporation each will use reasonable best efforts to take, or cause to be taken, all actions and to do, or cause to be done, all things necessary, proper or advisable to consummate and make effective as promptly as practicable the transactions contemplated by this Agreement, including to effect all necessary notifications and filings.

10. Entire Agreement. This Agreement together with the Certificate of Merger constitutes the sole and entire agreement of the parties to this Agreement with respect to the subject matter contained herein, and supersedes all prior and contemporaneous understandings, representations and warranties, and agreements, both written and oral, with respect to such subject matter.

11. Successors and Assigns. This Agreement shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and permitted assigns.

12. No Third-Party Beneficiaries. This Agreement is for the sole benefit of the parties hereto and their respective successors and permitted assigns and nothing herein, express or implied, is intended to or shall confer upon any other person any legal or equitable right, benefit or remedy of any nature whatsoever, under or by reason of this Agreement.

13. Headings. The headings in this Agreement are for reference only and shall not affect the interpretation of this Agreement.

14. Amendment and Modification; Waiver. This Agreement may only be amended, modified or supplemented by an agreement in writing signed by each party hereto. No waiver by any party of any of the provisions hereof shall be effective unless explicitly set forth in writing and signed by the party so waiving. Except as otherwise set forth in this Agreement, no failure to exercise, or delay in exercising, any rights, remedy, power or privilege arising from this Agreement shall operate or be construed as a waiver thereof; nor shall any single or partial exercise of any right, remedy, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege.

15. Termination, Abandonment or Deferral. At any time before the Effective Time, this Agreement may be terminated and the Merger may be abandoned by the Board of Directors of either the Washington Corporation or the Delaware Corporation or both, notwithstanding the approval of this Agreement by the stockholders of the Washington Corporation or the Delaware Corporation or the prior filing of this Agreement with the Secretary of State of the State of Delaware, or the consummation of the Merger may be deferred for a reasonable period of time if, in the opinion of the Washington Corporation and the Delaware Corporation, such action would be in the best interest of such corporations. In the event of termination of this Merger Agreement, this Merger Agreement shall become void and of no effect and there shall be no liability on the part of either corporation or its Board of Directors or stockholders with respect thereto, except that the Washington Corporation shall pay all expenses incurred in connection with the Merger or in respect of this Merger Agreement or relating thereto.

16. Severability. If any term or provision of this Agreement is invalid, illegal or unenforceable in any jurisdiction, such invalidity, illegality or unenforceability shall not affect any other term or provision of this Agreement or invalidate or render unenforceable such term or provision in any other jurisdiction. Upon such determination that any term or other provision is invalid, illegal or unenforceable, the parties hereto shall negotiate in good faith to modify this Agreement so as to effect the original intent of the parties as closely as possible in a mutually acceptable manner in order that the transactions contemplated hereby be consummated as originally contemplated to the greatest extent possible.

17. Governing Law. This Agreement and all actions (whether based on contract, tort or otherwise) arising out of or relating to this Agreement or the actions of the Washington Corporation or the Delaware Corporation in the negotiation, administration, performance and enforcement thereof shall be governed by and construed in accordance with the laws of the State of Delaware, regardless of the laws that might otherwise govern under any applicable principles of conflicts of laws thereof.

18. Jurisdiction. In any action between the parties arising out of or relating to this Agreement or any of the transactions contemplated hereby, each of the parties (i) irrevocably and unconditionally consents and submits to the exclusive jurisdiction and venue of the Court of Chancery of the State of Delaware in and for New Castle County, Delaware or any federal court sitting in the State of Delaware; (ii) agrees that it will not attempt to deny or defeat such jurisdiction by motion or other request for leave from such court; and (iii) agrees that it will not bring any such action

in any court other than the Court of Chancery for the State of Delaware in and for New Castle County, Delaware, or any federal court sitting in the State of Delaware and appellate courts thereof.

19. **WAIVER OF JURY TRIAL. EACH OF THE WASHINGTON CORPORATION AND THE DELAWARE CORPORATION WAIVES, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, ALL RIGHT TO TRIAL BY JURY IN ANY ACTION, PROCEEDING OR COUNTERCLAIM (WHETHER BASED ON CONTRACT, TORT OR OTHERWISE) ARISING OUT OF OR RELATING TO THIS AGREEMENT OR THE TRANSACTIONS.**

20. Counterparts. This Agreement may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed to be one and the same agreement. A signed copy of this Agreement delivered by facsimile, email, portable data format (PDF) or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Agreement.

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

CTI BIOPHARMA CORP.,

a Washington corporation

By /s/ David Kirske

Name: David Kirske

Title: Chief Financial Officer

CTI BIOPHARMA CORP.,

a Delaware corporation

By /s/ David Kirske

Name: David Kirske

Title: Chief Financial Officer

DELAWARE CHARTER
CERTIFICATE OF INCORPORATION
OF
CTI BIOPHARMA CORP.

The undersigned, for the purpose of organizing a corporation under the General Corporation Law of the State of Delaware, certifies:

ARTICLE I

NAME

The name of the corporation (the *Corporation*) is CTI BioPharma Corp.

ARTICLE II

REGISTERED AGENT

The address of the Corporation's registered office in the State of Delaware is Corporation Service Company, 251 Little Falls Drive, in the City of Wilmington, County of New Castle, Delaware 19808. The name of its registered agent at such address is Corporation Service Company.

ARTICLE III

PURPOSE

The purpose of the Corporation is to engage in any lawful act or activity for which corporations may be organized under the General Corporation Law of the State of Delaware or any applicable successor act thereto (as the same now exists or may hereafter be amended, the *DGCL*).

ARTICLE IV

AUTHORIZED CAPITAL STOCK

4.1 *Classes.* The total number of shares of capital stock which the Corporation shall have authority to issue is Eighty One Million Five Hundred Thirty-Three Thousand Three Hundred Thirty-Three (81,533,333), including Eighty One Million Five Hundred Thousand (81,500,000) shares of common stock, par value \$0.001 per share (the *Common Stock*), and Thirty-Three Thousand Three Hundred Thirty-Three (33,333) shares of preferred stock, par value \$0.001 per share (the *Preferred Stock*), of which 575 shall initially be designated as the Series N Preferred Stock (the *Series N Preferred Stock*) and 10,000 shall initially be designated as the Series ZZ Junior Participating Cumulative Preferred Stock (the *Series ZZ Preferred Stock*). Subject to the rights of the holders of any series of Preferred Stock, the number of authorized shares of any of the Common Stock or Preferred Stock may be increased or decreased (but not below the number of shares thereof then outstanding) by the affirmative vote of the holders of a majority in voting power of the stock of the Corporation entitled to vote thereon irrespective of the provisions of Section 242(b)(2) of the DGCL, and no vote of the holders of any of the Common Stock or Preferred Stock voting separately as a class shall be required therefor.

4.2. *Common Stock.* The terms of the Common Stock are as follows:

- (a) Ranking. The voting, dividend and liquidation rights of the holders of the Common Stock are subject to and qualified by the rights of the holders of the Preferred Stock of any series as may be designated by the Board of Directors of the Corporation (the **Board**) upon any issuance of any series of Preferred Stock.
- (b) Voting. Except as otherwise provided by law or this Certificate of Incorporation (as defined below), the holders of outstanding shares of Common Stock shall have the exclusive right to vote for the election and removal of directors and for all other purposes. Except as otherwise required by law or this Certificate of Incorporation, each share of Common Stock shall entitle the holder thereof to one (1) vote, in person or by proxy, on each matter submitted to a vote of stockholders of the Corporation. Notwithstanding any other provision of this Certificate of Incorporation (as amended from time to time, including the terms of any certificate of designations for any series of Preferred Stock, this **Certificate of Incorporation**) to the contrary, the holders of Common Stock shall not be entitled to vote on any amendment to this Certificate of Incorporation that relates solely to the terms of one or more outstanding series of Preferred Stock if the holders of such affected series are entitled, either separately or together as a class with the holders of one or more other such series, to vote thereon pursuant to this Certificate of Incorporation or the DGCL.
- (c) Dividends. Subject to the rights of the holders of Preferred Stock, holders of shares of Common Stock shall be entitled to receive such dividends and distributions and other distributions in cash, stock or property of the Corporation when, as and if declared thereon by the Board from time to time out of assets or funds of the Corporation legally available therefor.
- (d) Liquidation. Subject to the rights of the holders of Preferred Stock, shares of Common Stock shall be entitled to receive the assets and funds of the Corporation available for distribution in the event of any liquidation, dissolution or winding up of the affairs of the Corporation, whether voluntary or involuntary. A liquidation, dissolution or winding up of the affairs of the Corporation, as such terms are used in this Section (d), shall not be deemed to be occasioned by or to include any consolidation or merger of the Corporation with or into any other person or a sale, lease, exchange or conveyance of all or a part of its assets.

4.3 *Preferred Stock.* Shares of Preferred Stock may be issued from time to time in one or more series.

- (a) General. The Board is hereby authorized to provide by resolution or resolutions from time to time for the issuance, out of the unissued shares of Preferred Stock, of one or more series of Preferred Stock, without stockholder approval, by filing a certificate pursuant to the applicable law of the State of Delaware, setting forth such resolution and, with respect to each such series, establishing the number of shares to be included in such series, and fixing the voting powers, full or limited, or no voting power of the shares of such series, and the designation, preferences and relative, participating, optional or other special rights, if any, of the shares of each such series and any qualifications, limitations or restrictions thereof including, without limitation, the dividend rate (and whether dividends are cumulative), conversion rights, if any, voting rights, rights and terms of redemption (including sinking fund provisions, if any), redemption price and liquidation preferences of any wholly unissued series of Preferred Stock and the number of shares constituting any such series and the designation thereof, or any of them; and to increase or decrease the number of shares of any series subsequent to the issue of

shares of that series, but not below the number of shares of such series then outstanding.. The powers, designation, preferences and relative, participating, optional and other special rights of each series of Preferred Stock, and the qualifications, limitations and restrictions thereof, if any, may differ from those of any and all other series at any time outstanding. Except as provided by the terms of any Preferred Stock, shares of Preferred Stock may be redeemed, purchased or acquired by the Corporation and may be reissued except as otherwise provided by law.

(b) Series N Preferred Stock. The Series N Preferred Stock shall have: (i) the designation as indicated opposite “DESIGNATION” below, (ii) the number of shares as indicated opposite “NUMBER OF SHARES” below,

(i) the Stated Value (as defined in Exhibit A-1 hereto) as indicated opposite “STATED VALUE” below, (iv) the Original Issue Date (as defined in Exhibit A-1 hereto) as indicated opposite “ORIGINAL ISSUE DATE” below, (v) the Conversion Price (as defined in Exhibit A-1 hereto) as indicated opposite “CONVERSION PRICE” below, and (vi) the Beneficial Ownership Limitation Percentage (as defined in Exhibit A-1 hereto) as indicated opposite “BENEFICIAL OWNERSHIP LIMITATION PERCENTAGE” below:

DESIGNATION:	Series N Preferred Stock
NUMBER OF SHARES:	575
STATED VALUE:	\$2,000 per share
ORIGINAL ISSUE DATE:	June 8, 2017
CONVERSION PRICE:	\$3.00
BENEFICIAL OWNERSHIP LIMITATION PERCENTAGE:	19.99%

Notwithstanding anything to the contrary set forth in this Certificate of Incorporation, any outstanding shares of Series N Preferred Stock that are not converted pursuant to an automatic conversion pursuant to Section 6(b)(i) of Exhibit A-1 hereto shall automatically convert into that number of shares of Common Stock determined by dividing the Stated Value of shares of the Series N Preferred Stock by the Conversion Price for the Series N Preferred Stock only on the date on which the conversion of such shares of the Series N Preferred Stock would no longer result in beneficial ownership of more than the Beneficial Ownership Limitation Percentage of the Common Stock by the particular Holder and its affiliates.

Except to the extent expressly provided otherwise herein, such Series N Preferred Stock shall have such powers, terms, conditions, designations, preferences and privileges, relative, participating, optional and other special rights, and qualifications, limitations and restrictions thereof ascribed to the Series N Preferred Stock as set forth in Exhibit A-1 hereto, which is incorporated herein by reference and constitutes part of this Certificate of Incorporation.

(c) Series ZZ Junior Participating Cumulative Preferred Stock. The Corporation has designated a series of preferred stock of the Corporation as the “Series ZZ Junior Participating Cumulative Preferred

Stock” (the *Series ZZ Preferred Stock*), which series shall have such rights, voting and other powers, preferences and relative, participating, optional or other rights, and the qualifications, limitations and restrictions thereof, of the shares of such series as set forth in Exhibit A-2 hereto, which is incorporated herein by reference and constitutes part of this Certificate of Incorporation.

ARTICLE V

DIRECTORS

This Article FIFTH is inserted for the management of the business and for the conduct of the affairs of the Corporation.

- 5.1. *General.* The business and affairs of the Corporation shall be managed by or under the direction of the Board, except as otherwise provided by law.
- 5.2. *Number of Directors; Election of Directors.* The total number of directors constituting the Board of Directors of the Corporation shall be fixed in the manner set forth in the bylaws. Directors shall be elected annually for terms of one year, and until their successors are elected and qualified, subject to their earlier death, resignation or removal from the Board of Directors. Unless and except to the extent that the Bylaws shall so require, the election of directors of the Corporation need not be by written ballot. No cumulative voting for directors shall be permitted.
- 5.3. The Board of Directors shall have the power to adopt, amend or repeal the Bylaws of the Corporation.

ARTICLE VI

PREEMPTIVE RIGHTS

Stockholders of the Corporation have no preemptive rights to acquire additional shares issued by the Corporation.

ARTICLE VII

SHAREHOLDER MEETING QUORUM

A quorum for any shareholder meeting shall be the holders of shares constituting at least one-third (1/3) of the votes entitled to be cast.

ARTICLE VIII

LIMITATION ON LIABILITY OF DIRECTORS

To the fullest extent permitted by the DGCL as it now exists and as it may hereafter be amended, no director of the Corporation shall be personally liable to the Corporation or any of its stockholders for monetary damages for breach of fiduciary duty as a director; provided, however, that nothing contained in this Article shall eliminate or limit the liability of a director (i) for any breach of the director's duty of loyalty to the Corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law, (iii) pursuant to the provisions of Section 174 of the DGCL, or (iv) for any transaction from which the director derived an improper personal benefit. No repeal or modification of this Article shall apply to or have any adverse effect on any right or protection of, or any limitation of the liability of, a director of the Corporation existing at the time of such repeal or modification with respect to acts or omissions occurring prior to such repeal or modification.

ARTICLE IX

INDEMNIFICATION

The Corporation may indemnify, and advance expenses to, to the fullest extent permitted by law, any person who was or is a party to or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative by reason of the fact that the person is or was a director, officer, employee or agent of the Corporation, or is or was serving at the request of the Corporation as a director, officer, employee or agent of another corporation, partnership, joint venture, trust or other enterprise.

ARTICLE X

AMENDMENT OF CERTIFICATE OF INCORPORATION

The Corporation reserves the right to amend, alter, change or repeal any provision contained in this Certificate of Incorporation, in the manner now or hereafter prescribed by law, and all rights and powers conferred herein on stockholders and directors are subject to this reserved power.

ARTICLE XI

Any action required to be taken at any annual or special meeting of stockholders of the Corporation, or any action which may be taken at any annual or special meeting of the stockholders of the Corporation, may be taken without a meeting, without prior notice and without a vote, only if a consent or consents in writing, setting forth the action so taken, shall be signed by the holders of all the outstanding shares of stock of the Corporation entitled to vote thereon and shall be delivered to the Corporation by delivery to its registered office in the State of Delaware, its principal place of business or an officer or agent of the Corporation having custody of the book in which proceedings of meetings of stockholders are recorded.

ARTICLE XII

The name and mailing address of the Corporation's Sole Incorporator is:

Name: Adam R. Craig

Address: 3101 Western Avenue, Suite 800
Seattle, WA 98121, U.S.A.

IN WITNESS WHEREOF, the undersigned has signed this Certificate of Incorporation this 14th day of December, 2017.

/s/ Adam R. Craig

Adam R. Craig, Incorporator

EXHIBIT A-1

CTI BIOPHARMA CORP.

SERIES N PREFERRED STOCK

Section 1. Designation and Amount. There shall be a series of preferred stock that shall be designated as “Series N Preferred Stock” and the number of shares initially constituting such series shall be 575. The number of shares of Series N Preferred Stock may be increased or decreased by resolution of the Board of Directors; provided, however, that no decrease shall reduce the number of shares of Series N Preferred Stock to a number less than the number of shares of Series N Preferred Stock then outstanding.

Section 2. Definitions. For the purposes hereof, the following terms shall have the following meanings:

“*Affiliate*” means any person or entity controlling, controlled by or under common control with a Holder.

“*Alternate Consideration*” has the meaning set forth in Section 7(d).

“*Business Day*” means any day except Saturday, Sunday, any day which shall be a federal legal holiday in the United States or any day on which banking institutions in the State of New York are authorized or required by law or other governmental action to close.

“*Change of Control Transaction*” means the occurrence after the Original Issue Date, any of (i) an acquisition by an individual, legal entity or “group” (as described in Rule 13d-5(b)(1) promulgated under the Exchange Act) of effective control (whether through legal or beneficial ownership of capital stock of the Corporation, by contract or otherwise) of in excess of 33% of the voting securities of the Corporation (other than by means of conversion of shares of Series N Preferred Stock), or (ii) the Corporation merges into or consolidates with any other person, or any person merges into or consolidates with the Corporation and, after giving effect to such transaction, the stockholders of the Corporation immediately before such transaction own less than 66% of the aggregate voting power of the Corporation or the successor entity of such transaction, or (iii) the Corporation sells or transfers all or substantially all of its assets to another person and the stockholders of the Corporation immediately before such transaction own less than 66% of the aggregate voting power of the acquiring entity immediately after the transaction, or

- (a) a replacement at one time or within a one-year period of more than one-half of the members of the Board which is not approved by a majority of those individuals who are members of the Board on the Original Issue Date (or by those individuals who are serving as members of the Board on any date whose nomination to the Board was approved by a majority of the members of the Board who are members on the Original Issue Date), or
- (b) the execution by the Corporation of an agreement to which the Corporation is a party or by which it is bound, providing for any of the events set forth in clauses (i) through (iv) herein.

“*Common Stock*” means the Corporation’s common stock, par value \$0.001 per share, and stock of any other class of securities into which such securities may hereafter be reclassified or changed into.

“*Common Stock Equivalents*” means any securities which would entitle the holder thereof to acquire at any time Common Stock, including, without limitation, any preferred stock, rights, options, warrants or other

instrument that is at any time convertible into or exercisable or exchangeable for, or otherwise entitles the holder thereof to receive, Common Stock; provided, however, that Common Stock Equivalents shall not include any debt securities of the Corporation.

“**Conversion Amount**” means the sum of the Stated Value at issue.

“**Conversion Date**” has the meaning set forth in Section 6(a).

“**Conversion Price**” has the meaning set forth in Section 6(c).

“**Conversion Shares**” means collectively, the shares of Common Stock issuable upon conversion of the shares of Series N Preferred Stock in accordance with the terms hereof.

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

“**Fundamental Transaction**” means, at any time while shares of the Series N Preferred Stock is outstanding, (i) the Corporation effects any merger or consolidation of the Corporation with or into another person in which the Corporation is not the surviving person, (ii) the Corporation effects any sale of all or substantially all of its assets in one transaction or a series of related transactions, (iii) any tender offer or exchange offer (whether by the Corporation or another person) is completed pursuant to which holders of Common Stock are permitted to tender or exchange a material portion of the Corporation’s shares for other securities, cash or property, or (iv) the Corporation effects any reclassification of the Common Stock or any compulsory share exchange pursuant to which the Common Stock is effectively converted into or exchanged for other securities, cash or property; provided, however, that for the purposes of clause (ii) above, a “Fundamental Transaction” shall not include the Corporation entering into a license or other agreement that licenses any intellectual property to an unaffiliated and unrelated person so long as the Corporation and its subsidiaries continue to have bona fide, substantial and continuing business operations and activities after such license or other agreement is entered into; provided, further, however, that a “Fundamental Transaction” shall not include a reverse stock split with respect to the Common Stock.

“**Holder**” means a holder of shares of Series N Preferred Stock.

“**Junior Securities**” means (i) the Common Stock and all other Common Stock Equivalents of the Corporation other than those securities which are explicitly senior to or

pari passu with the Series N Preferred Stock as to dividend rights or liquidation preference and (ii) the Series ZZ Junior Participating Cumulative Preferred Stock of the Corporation.

“**Liquidation**” has the meaning set forth in Section 5.

“**Notice of Conversion**” has the meaning set forth in Section 6(a).

“**Non-Senior Securities**” means (i) the Common Stock and all other Common Stock Equivalents of the Corporation other than those securities which are explicitly senior to the Series N Preferred Stock as to dividend rights or liquidation preference and (ii) the Series ZZ Junior Participating Cumulative Preferred Stock of the Corporation.

“**Original Issue Date**” shall be as set forth in the Certificate of Incorporation.

“**Series N Preferred Stock**” shall mean collectively, all issued and outstanding shares of Series N Preferred Stock. The Series N Preferred Stock shall have no par value.

“**Stated Value**” shall be as set forth in the Certificate of Incorporation, as the same may be increased pursuant to Section 3(a).

“**Trading Day**” means a day on which the New York Stock Exchange is open for business.

“**Trading Market**” means the following markets or exchanges on which the Common Stock is listed or quoted for trading on the date in question: The NYSE Amex, The NASDAQ Capital Market, The NASDAQ Global Market, The NASDAQ Global Select Market, the New York Stock Exchange or the Mercato Telematico Azionario (MTA) organized and managed by Borsa Italiana S.p.A.

“**Transfer**” has the meaning set forth in Section 9.

“**VWAP**” means, for any date, the price determined by the first of the following clauses that applies: (i) if the Common Stock is then listed or quoted on a U.S. national securities exchange, the daily volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the U.S. national securities exchange on which the Common Stock is then listed or quoted for trading as reported by Bloomberg L.P. (based on a Trading Day from 9:30 a.m. (New York City time) to 4:02 p.m. (New York City time)); (ii) if the Common Stock is then listed or traded on the OTC Bulletin Board and the OTC Bulletin Board is not a Trading Market, the volume weighted average price of the Common Stock for such date (or the nearest preceding date) on the OTC Bulletin Board; (iii) if the Common Stock is not then quoted for trading on a national securities exchange or the OTC Bulletin Board and if prices for the Common Stock are then reported in the “Pink Sheets” published by Pink OTC Markets, Inc. (or a similar organization or agency succeeding to its functions of reporting prices), the most recent bid price per share of the Common Stock so reported; or (iv) in all other cases, the fair market value of a share of Common Stock as determined by an independent appraiser selected in good faith by a majority in interest of the Holders and reasonably acceptable to the Corporation, the fees and expenses of which shall be paid by the Corporation.

Section 3. Dividends.

- (a) Dividends. Holders shall be entitled to receive, and the Corporation shall pay, dividends on outstanding shares of Series N Preferred Stock equal (on an as-if-converted- to-Common-Stock basis) to and in the same form as dividends (other than dividends in the form of Common Stock) actually paid on shares of the Common Stock or other Non- Senior Securities when, as and if such dividends (other than dividends in the form of Common Stock) are paid on shares of the Common Stock or other Non-Senior Securities. Other than as set forth in the previous sentence, no other dividends shall be paid on any shares of Series N Preferred Stock; and the Corporation shall pay no dividends (other than dividends in the form of Common Stock) on shares of the Common Stock or other Non-Senior Securities unless it simultaneously complies with the previous sentence. All declared but unpaid dividends on shares of Series N Preferred Stock, shall increase the Stated Value of Series N Preferred Stock then outstanding, but when such dividends are actually paid, any such increase in the Stated Value shall be rescinded.
- (b) So long as any shares of Series N Preferred Stock remain outstanding, neither the Corporation nor any subsidiary thereof shall redeem, purchase or otherwise acquire directly or indirectly any material amount of Non-Senior Securities except as expressly permitted by Section 8(b).

Section 4. Voting Rights. Except as otherwise expressly provided herein or as otherwise required by law, Holders of shares of the Series N Preferred Stock shall have no voting rights.

Section 5. Liquidation. Upon any liquidation, dissolution or winding-up of the Corporation, whether voluntary or involuntary (a **Liquidation**), the Holders shall be entitled to receive out of the assets, whether capital or surplus, of the Corporation an amount equal to the Stated Value for each outstanding share of Series N Preferred Stock, plus any declared and unpaid dividends and any other payments that may be due thereon, before any distribution or payment shall be made to the holders of any Junior Securities, and if the assets of the Corporation shall be insufficient to pay in full such amounts, then the entire assets to be distributed to the Holders shall be ratably distributed among the Holders and the holders of all securities which are pari passu with the Series N Preferred Stock as to liquidation in accordance with the respective amounts that would be payable on all such securities if all amounts payable thereon were paid in full. A Fundamental Transaction or Change of Control Transaction shall not be deemed a Liquidation unless the Corporation expressly declares that such Fundamental Transaction or Change of Control Transaction shall be treated as if it were a Liquidation. The Corporation shall mail written notice of any such Liquidation, not less than 25 days before the payment date stated therein, to each Holder.

Section 6. Conversion and Exchange Rights.

(a) Conversions at Option of Holder.

- (i) With respect to shares of Series N Preferred Stock, each share shall be convertible at any time and from time to time from and after the Original Issue Date, at the option of the Holder thereof, into that number of shares of Common Stock determined by dividing the Stated Value of such share by the Conversion Price. The shares of Series N Preferred Stock shall initially be issued and maintained in the form of securities held in book-entry form and (A) if the initial issuance of such shares is settled through The Depository Trust Company or its nominee (**DTC**) or another established clearing corporation performing similar functions, then DTC or such other clearing corporation shall be the sole registered holder of the shares of Series N Preferred Stock and (B) if the initial issuance of such shares is not settled through DTC or such other clearing corporation, then the Holder shall be the sole registered holder of such shares. For so long as a Holder's interest in the shares of Series N Preferred Stock is a beneficial interest in certificate(s) representing the shares of Series N Preferred Stock held in book-entry form through DTC, the Holder must comply with DTC's (or another established clearing corporation performing similar functions) procedures to effect conversions. For so long as a Holder's interest in the shares of Series N Preferred Stock is a beneficial interest in certificate(s) representing the shares of Series N Preferred Stock held in book-entry form through the records of the Corporation's designated conversion agent, the Holder must comply with the designated conversion agent's procedures to effect conversions. Holders shall effect conversions by providing the Corporation or its designated conversion agent with the form of conversion notice attached hereto as Annex A (a **Notice of Conversion**), which may be delivered before the date of conversion. Each Notice of Conversion shall specify the number of shares of Series N Preferred Stock to be converted, the number of shares of Series N Preferred Stock owned before the conversion at issue, the number of shares of Series N Preferred Stock owned subsequent to the conversion at issue and the date on which such conversion is to be effected, which date must be on or after the Original Issue Date and may not be before the date the applicable Holder delivers such Notice of Conversion to the Corporation in accordance with Section 10(a) (such date, the **Conversion Date**); provided, however, that in the case of an automatic conversion pursuant to Section 6(b)(i), the "Conversion Date" shall be the first to occur of the dates set forth in clauses (A) through (C) of Section

6(b)(i); and provided, further, however, that in the case of an automatic conversion pursuant to Section 6(b)(ii), the “Conversion Date” shall be the first to occur of the dates set forth in clauses (A) and (B) of Section 6(b)(ii). If no Conversion Date is specified in a Notice of Conversion, the Conversion Date shall be the date that such Notice of Conversion to the Corporation is deemed delivered hereunder (or the first date thereafter that conversion is permitted pursuant to this Section 6(a), Section 6(b)(i) or Section 6(b)(ii), as applicable). The calculations and entries set forth in the Notice of Conversion shall control in the absence of manifest or mathematical error. To effect conversions of shares of Series N Preferred Stock, a Holder shall be required to (and by delivering a Notice of Conversion shall thereby be deemed to agree to) forthwith surrender the certificate(s) representing such shares of Series N Preferred Stock to the Corporation or its designated conversion agent, electronically through DTC, another established clearing corporation performing similar functions or the records of the Corporation or a designated agent of the (A) Corporation (or, if the shares of Series N Preferred Stock are held in certificated form by the Holder surrender the certificate(s) representing such shares to the Corporation or its designated conversion agent). Notwithstanding anything to the contrary set forth herein, upon conversion of shares of Series N Preferred Stock in accordance with the terms hereof and the Certificate of Designations, if a Holder holds its shares of Series N Preferred Stock in certificate form, no Holder thereof shall be required to physically surrender the certificate representing such Holder’s shares of Series N Preferred Stock to the Corporation unless (A) the full or remaining number of shares of Series N Preferred Stock represented by such certificate are being converted or (B) such Holder has provided the Corporation with prior written notice (which notice may be included in a Notice of Conversion) requesting reissuance of a certificate representing the remaining shares of Series N Preferred Stock upon physical surrender of any certificate representing the shares of Series N Preferred Stock being converted. Each Holder and the Corporation shall maintain records showing the number of shares of Series N Preferred Stock so converted by such Holder and the dates of such conversions or shall use such other method, reasonably satisfactory to such Holder and the Corporation, so as not to require physical surrender of the certificate representing the shares of Series N Preferred Stock upon each such conversion. In the event of any dispute or discrepancy, such records of the Corporation establishing the number of shares of Series N Preferred Stock to which the record holder is entitled shall be controlling and determinative in the absence of manifest error.

- (ii) Notwithstanding the foregoing, no shares of the Series N Preferred Stock shall be convertible by a Holder to the extent (but only to the extent) that such conversion would result in such Holder and its affiliates beneficially owning more than 19.99% of the Common Stock or such lower percentage set forth in the Certificate of Designations for the Series N Preferred Stock (the ***Beneficial Ownership Limitation Percentage***), to be issued in respect of Series N Preferred Stock (the ***Beneficial Ownership Limitation***). To the extent the Beneficial Ownership Limitation applies, the determination of whether the shares of Series N Preferred Stock held by such Holder shall be convertible (vis-à-vis other convertible, exercisable or exchangeable securities owned by such Holder) shall, subject to such Beneficial Ownership Limitation, be determined on the basis of the first submission to the Corporation for conversion, exercise or exchange (as the case may be). No prior inability of a Holder to convert shares of Series N Preferred Stock pursuant to this paragraph shall have any effect on the applicability of the provisions of this paragraph with respect to any subsequent determination of convertibility or issuance (as the case may be). For purposes of this paragraph, beneficial ownership and all determinations and calculations (including, without limitation, with respect to calculations of percentage ownership) shall be determined in accordance with Section 13(d) of the Exchange Act and the rules

and regulations promulgated thereunder; provided, however, that in effecting any conversion, the Corporation shall be entitled to assume that no Holder, together with its affiliates, beneficially owns more than the Beneficial Ownership Limitation Percentage unless written notice specifying the number of shares of Common Stock beneficially held by such Holder and its affiliates is sent to the Corporation by the Holder within the three Business Day period before the date of the automatic conversion. The provisions of this paragraph shall be implemented in a manner otherwise than in strict conformity with the terms of this paragraph to correct this paragraph (or any portion hereof) which may be defective or inconsistent with the intended Beneficial Ownership Limitation herein contained or to make changes or supplements necessary or desirable to properly give effect to such Beneficial Ownership Limitation. The limitations contained in this paragraph shall apply to a successor Holder. The holders of Common Stock shall be third party beneficiaries of this paragraph and the Corporation may not waive this paragraph without the consent of holders of a majority of its Common Stock. For any reason at any time, upon the written or oral request of a Holder, the Corporation shall within two Business Days confirm orally and in writing to such Holder the number of shares of Common Stock then outstanding, including by virtue of any prior conversion or exercise of convertible or exercisable securities into Common Stock.

(b) Automatic Conversion.

- (i) Except to the extent limited by the Beneficial Ownership Limitation, each outstanding share of Series N Preferred Stock shall automatically convert into that number of shares of Common Stock determined by dividing the Stated Value of such share by the Conversion Price (A) on the 30th day after the Original Issue Date, (B) on the date on which 5,000 or less shares of Series N Preferred Stock remain outstanding, or (C) immediately upon the adoption by the Board of a resolution that it intends to adopt an amendment to the Certificate of Incorporation without stockholder approval to effect a reverse stock split of the outstanding Common Stock and the number of authorized shares of Common Stock in the same proportions in order to achieve compliance with the listing rules of The NASDAQ Capital Market or for other good-faith business reasons.
- (ii) Notwithstanding the Beneficial Ownership Limitation, any outstanding shares of Series N Preferred Stock that are not converted pursuant to an automatic conversion pursuant to Section 6(b)(i) above shall automatically convert into that number of shares of Common Stock determined by dividing the Stated Value of such share by the Conversion Price on the earlier of (A) the date on which the conversion of Series N Preferred Stock would no longer result in beneficial ownership of more than the Beneficial Ownership Limitation Percentage of the Common Stock by the particular Holder and its affiliates and (B) the 91st day after the Original Issue Date.
- (iii) Upon a Conversion Date, a Holder shall be required to forthwith surrender any certificate(s) representing such shares of Series N Preferred Stock to the Corporation electronically through DTC, another established clearing corporation performing similar functions or the records of the Corporation or a designated agent of the Corporation (or, if the shares of Series N Preferred Stock are held in certificated form by the Holder surrender the certificate(s) representing such shares of Series N Preferred Stock to the Corporation) within two Trading Days of the date established for such conversion and set forth in a written notice from the Corporation; provided, however, that the failure by a Holder to surrender the certificate(s) representing such converted shares of Series N Preferred Stock shall not prevent the Corporation from delivering the shares of Common Stock issuable upon automatic conversion thereof

and, upon receipt of such consideration by such Holder, the shares of Series N Preferred Stock shall be converted for all purposes hereunder.

(c) **Conversion Price.** The conversion price for any shares of Series N Preferred Stock shall be as set forth in the Certificate of Incorporation (the *Conversion Price*).

(d) **Mechanics of Conversion.**

(i) **Delivery of Certificate upon Conversion.** Not later than three Trading Days after each Conversion Date, whether pursuant to Section 6(a) or (b), the Corporation shall deliver, or cause to be delivered, to the converting Holder a certificate or certificates, which shall be free of restrictive legends and issuer-imposed trading restrictions (provided that a registration statement covering resales of the Conversion Shares is then in effect), representing the number of shares of Common Stock being acquired upon the conversion of shares of Series N Preferred Stock. The Corporation shall use its best efforts to, if the Holder is not an affiliate of the Corporation, deliver any certificate(s) of the Conversion Shares required to be delivered by the Corporation under this Section 6 electronically through DTC or another established clearing corporation performing similar functions (provided that a registration statement covering resales of the Conversion Shares is then in effect). If, in the case of any Notice of Conversion, such certificate(s) are not delivered to or as directed by the applicable Holder by the seventh Trading Day after the Conversion Date, then (without limiting the Holder's other rights and remedies hereunder for the Corporation's failure to comply with its obligations under the preceding portion of this paragraph) the applicable Holder shall be entitled to elect to rescind such Conversion Notice by written notice to the Corporation at any time on or before its receipt of such certificate(s), in which event the Corporation shall promptly return to such Holder any original Series N Preferred Stock certificate tendered for conversion delivered to the Corporation and such Holder shall promptly return any Common Stock certificates representing the shares of Series N Preferred Stock tendered for conversion to the Corporation.

(ii) **Obligation Absolute.** The Corporation's obligation to issue and deliver the Conversion Shares upon conversion of shares of Series N Preferred Stock in accordance with the terms hereof is absolute and unconditional, irrespective of any action or inaction by a Holder to enforce the same, any waiver or consent with respect to any provision hereof, the recovery of any judgment against any person or any action to enforce the same, or any setoff, counterclaim, recoupment, limitation or termination, or any breach or alleged breach by such Holder or any other person of any obligation to the Corporation or any violation or alleged violation of law by such Holder or any other person, and irrespective of any other circumstance which might otherwise limit such obligation of the Corporation to such Holder in connection with the issuance of such Conversion Shares; provided, however, that such delivery shall not operate as a waiver by the Corporation of any such action that the Corporation may have against such Holder. In the event a Holder shall elect to convert any or all of the Stated Value of Series N Preferred Stock, the Corporation may not refuse conversion based on any claim that such Holder or anyone associated or affiliated with such Holder has been engaged in any violation of law, agreement or for any other reason, unless an injunction from a court, on notice to Holder, restraining and/or enjoining conversion of all or part of the Series N Preferred Stock of such Holder shall have been sought and obtained. In the absence of such an injunction, the Corporation shall issue Conversion Shares upon a properly noticed conversion. Nothing herein shall limit a Holder's right to pursue actual damages for the Corporation's failure to deliver Conversion Shares within the period specified herein and such

Holder shall have the right to pursue all remedies available to it hereunder, at law or in equity, including, without limitation, a decree of specific performance and/or injunctive relief. The exercise of any such rights shall not prohibit a Holder from seeking to enforce damages pursuant to any other section hereof or under applicable law.

- (iii) Reservation of Shares Issuable upon Conversion. The Corporation covenants that it will at all times use reasonable best efforts to reserve and keep available out of its authorized and unissued shares of Common Stock, for the sole purpose of issuance upon conversion of any outstanding shares of Series N Preferred Stock, as herein provided, free from preemptive rights or any other actual contingent purchase rights of persons other than the Holders of the Series N Preferred Stock, not less than such aggregate number of shares of the Common Stock as shall be issuable (taking into account the adjustments and restrictions of Section 7) upon the conversion of all outstanding shares of Series N Preferred Stock. The Corporation covenants that all shares of Common Stock that shall be so issuable shall, upon issue, be duly authorized, validly issued, fully paid and nonassessable.
- (iv) Fractional Shares. Upon a conversion of Series N Preferred Stock hereunder, the Corporation shall not be required to issue fractions of shares of Common Stock, but in lieu thereof each Holder who would otherwise have been entitled to a fraction of a share of Common Stock upon conversion of the Series N Preferred Stock shall be paid cash equal to such fraction times the Conversion Price.
- (v) Transfer Taxes. The issuance of certificates for shares of the Common Stock issued upon conversion of shares of Series N Preferred Stock shall be made without charge to any Holder for any documentary stamp, issuance or similar taxes that may be payable in respect of the issue or delivery of such certificates, provided that the Corporation shall not be required to pay any tax that may be payable in respect of any transfer involved in the issuance and delivery of any such certificate upon conversion in a name other than that of the Holder of the shares of Series N Preferred Stock so converted and the Corporation shall not be required to issue or deliver such certificates unless or until the person or persons requesting the issuance thereof shall have paid to the Corporation the amount of such tax or shall have established to the satisfaction of the Corporation that such tax has been paid.

Section 7. Certain Adjustments.

- (a) Stock Dividends and Stock Splits. If the Corporation, at any time while any of the Series N Preferred Stock is outstanding: (A) pays a stock dividend or otherwise makes a distribution or distributions payable in shares of Common Stock on shares of Common Stock or any other Common Stock Equivalents (which, for avoidance of doubt, shall not include any shares of Common Stock issued by the Corporation upon conversion of such shares of Series N Preferred Stock); (B) subdivides outstanding shares of Common Stock into a larger number of shares; (C) combines (including by way of a reverse stock split) outstanding shares of Common Stock into a smaller number of shares; or (D) issues, in the event of a reclassification of shares of the Common Stock, any shares of capital stock of the Corporation, then the Conversion Price of such Series N Preferred Stock shall be multiplied by a fraction of which the numerator shall be the number of shares of Common Stock outstanding immediately before such event and of which the denominator shall be the number of shares of Common Stock outstanding immediately after such event and any other adjustments to the Holders' conversion rights necessary to reflect such event shall be made. Any adjustment made pursuant to this Section 7(a) shall become effective immediately after the record date for the determination of stockholders entitled to receive such dividend or distribution and shall become effective immediately after the effective date in the case of a subdivision, combination or reclassification.

- (b) Subsequent Rights Offerings. If the Corporation, at any time while any Series N Preferred Stock is outstanding, shall issue rights, options or warrants to all holders of Common Stock (and not proportionately to the Holders) entitling them to subscribe for or purchase shares of Common Stock at a price per share that is lower than the VWAP on the record date for such issuance, and does not offer the same rights to the Holders, then the Conversion Price of Series N Preferred Stock shall be adjusted to reflect such rights, options or warrants offering by multiplying the Conversion Price by a fraction, the numerator of which shall be the number of shares of Common Stock outstanding before the record date for such issuance plus the number of shares of Common Stock which the aggregate offering price of the total number of shares of Common Stock so offered (assuming delivery to the Corporation in full of all consideration payable upon exercise of such rights, options or warrants) would purchase at such VWAP on the record date for such issuance and the denominator of which shall be the number of shares of the Common Stock outstanding on such record date plus the aggregate number of additional shares of Common Stock offered for subscription or purchase. Such adjustment shall be made whenever such rights, options or warrants are issued, and shall become effective immediately after the record date for the determination of stockholders entitled to receive such rights, options or warrants.
- (c) Pro Rata Distributions. If the Corporation, at any time while any Series N Preferred Stock is outstanding, distributes (other than as a dividend) to all holders of Common Stock (and not proportionately to the Holders) evidences of its indebtedness or assets or rights or warrants to subscribe for or purchase any security (other than Common Stock, which shall be subject to Section 7(b)), then in each such case the Conversion Price of Series N Preferred Stock shall be adjusted by multiplying the Conversion Price in effect immediately before the record date fixed for determination of stockholders entitled to receive such distribution by a fraction of which the denominator shall be the VWAP determined as of the record date mentioned above, and of which the numerator shall be such VWAP on such record date less the then fair market value at such record date of the portion of such assets, evidence of indebtedness or rights or warrants so distributed applicable to one outstanding share of the Common Stock as determined by the Board in good faith. In either case the adjustments shall be described in a statement delivered to the Holders describing the portion of assets or evidences of indebtedness so distributed or such subscription rights applicable to one share of Common Stock. Such adjustment shall be made whenever any such distribution is made and shall become effective immediately after the record date mentioned above. For avoidance of doubt, distributions that are dividends shall be subject to Section 3(a) and not subject to this Section 7(c).
- (d) Fundamental Transaction. If, at any time while any Series N Preferred Stock is outstanding, a Fundamental Transaction occurs, then, upon any subsequent conversion of Series N Preferred Stock, the Holders shall have the right to receive, for each Conversion Share that would have been issuable upon such conversion immediately before the occurrence of such Fundamental Transaction, the same kind and amount of securities, cash or property as it would have been entitled to receive upon the occurrence of such Fundamental Transaction if it had been, immediately before such Fundamental Transaction, the holder of one share of Common Stock (the *Alternate Consideration*); and the Holders shall no longer have the right to receive Conversion Shares per se upon such conversion. For purposes of any such conversion, the determination of the Conversion Price of the Series N Preferred Stock shall be appropriately adjusted to apply to such Alternate Consideration based on the amount of Alternate Consideration issuable in respect of one share of Common Stock in such Fundamental Transaction, and the Corporation shall apportion the Conversion Price among the Alternate Consideration in a reasonable manner reflecting the relative value of any different components of the Alternate Consideration. If holders of Common Stock are given any choice as to the securities, cash or property to be received in a Fundamental Transaction, then the Holders shall be given the same choice as to the Alternate Consideration it receives upon any conversion of Series N Preferred Stock following such Fundamental Transaction. To the

extent necessary to effectuate the foregoing provisions, any successor to the Corporation or surviving entity in such Fundamental Transaction shall adopt articles of incorporation or an amendment to its articles of incorporation with the same terms and conditions and issue to the Holders new preferred stock consistent with the foregoing provisions and evidencing the Holders' right to convert such preferred stock into Alternate Consideration. Unless the Corporation elects to treat such Fundamental Transaction as a Liquidation, the terms of any agreement pursuant to which a Fundamental Transaction is effected shall include terms requiring any such successor or surviving entity to comply with the provisions of this Section 7(d) and ensuring that the Series N Preferred Stock (or any such replacement security) will be similarly adjusted upon any subsequent transaction analogous to a Fundamental Transaction.

(e) Calculations. All calculations under this Section 7 shall be made to the nearest cent or the nearest 1/100th of a share, as the case may be.

(f) Notice to the Holders.

(i) Adjustment to Conversion Price. Whenever the Conversion Price of any Series N Preferred Stock is adjusted pursuant to any provision of this Section 7, the Corporation shall promptly deliver to each Holder a notice setting forth the Conversion Price after such adjustment and setting forth a brief statement of the facts requiring such adjustment.

(ii) Notice to Allow Conversion by Holder. If (A) the Corporation shall declare a dividend (or any other distribution in whatever form) on the Common Stock, (B) the Corporation shall declare a special nonrecurring cash dividend on or a redemption of the Common Stock, (C) the Corporation shall authorize the granting to all holders of the Common Stock of rights or warrants to subscribe for or purchase any shares of capital stock of any class or of any rights, (D) the approval of any stockholders of the Corporation shall be required in connection with any reclassification of the Common Stock, any consolidation or merger to which the Corporation is a party, any sale or transfer of all or substantially all of the assets of the Corporation, of any compulsory share exchange whereby the Common Stock is converted into other securities, cash or property, or (E) the Corporation shall authorize the voluntary or involuntary dissolution, liquidation or winding up of the affairs of the Corporation, then, in each case, the Corporation shall cause to be filed at each office or agency maintained for the purpose of conversion of Series N Preferred Stock, and shall cause to be delivered to each Holder at its last address as it shall appear upon the stock books of the Corporation, at least 20 calendar days before the applicable record or effective date hereinafter specified, a notice stating (x) the date on which a record is to be taken for the purpose of such dividend, distribution, redemption, rights or warrants, or if a record is not to be taken, the date as of which the holders of the Common Stock of record to be entitled to such dividend, distributions, redemption, rights or warrants are to be determined or (y) the date on which such reclassification, consolidation, merger, sale, transfer or share exchange is expected to become effective or close, and the date as of which it is expected that holders of the Common Stock of record shall be entitled to exchange their shares of the Common Stock for securities, cash or other property deliverable upon such reclassification, consolidation, merger, sale, transfer or share exchange, provided that the failure to deliver such notice or any defect therein or in the delivery thereof shall not affect the validity of the corporate action required to be specified in such notice. To the extent that any notice provided hereunder constitutes, or contains, material, non-public information regarding the Corporation or any of its subsidiaries, the Corporation shall simultaneously file such notice with the Commission pursuant to a Current Report on Form 8-K. The Holder is entitled to convert the Stated Value of its

Series N Preferred Stock during the 20-day period commencing on the date of such notice through the effective date of the event triggering such notice.

Section 8. Negative Covenants. As long as at least 20% of the aggregate number of originally issued shares of Series N Preferred Stock are outstanding (as appropriately adjusted for share splits and similar transactions), the Corporation shall not, without the Corporation obtaining the affirmative written consent of Holders of a majority of the then outstanding shares of Series N Preferred Stock:

- (a) amend this Certificate of Incorporation, its bylaws or other charter documents so as to materially, specifically and adversely affect any rights of any Holder with respect to the Series N Preferred Stock;
- (b) repay, repurchase or offer to repay, repurchase or otherwise acquire any material amount of its Junior Securities (other than securities described in clause (ii) of the definition of “Junior Securities”); provided, however, that this restriction shall not apply to the repurchase of up to 5,750,000 shares of Common Stock in any 12-month period (subject to adjustment for reverse and forward stock splits, stock dividends, stock combinations and other similar transactions of the Common Stock that occur after the Original Issue Date) from employees, officers, directors, consultants or other persons performing services for the Corporation or any subsidiary pursuant to agreements approved by a majority of the Board or under which the Corporation has the option to repurchase such shares at cost or upon the occurrence of certain events, such as termination of employment;
- (c) authorize or create any class or series of stock ranking senior to the Series N Preferred Stock as to dividend rights or liquidation preference; or
- (d) enter into any agreement or understanding with respect to any of the foregoing. Notwithstanding the foregoing, this Section 8 shall not prohibit the issuance of additional series of preferred stock that do not rank senior to the Series N Preferred Stock as to dividend rights or liquidation preference.

Section 9. Transferability. The Series N Preferred Stock may only be sold, transferred, assigned, pledged or otherwise disposed of (any of the foregoing, a *Transfer*) in accordance with U.S. state and federal securities laws. The Corporation shall keep at its principal office, or at the offices of the transfer agent, a register of the Series N Preferred Stock. In connection with any such permitted Transfer, upon the surrender of any certificate representing Series N Preferred Stock at such place, the Corporation, at the request of the record Holder of such certificate, shall execute and deliver (at the Corporation’s expense) a new certificate or certificates in exchange therefor representing in the aggregate the number of shares represented by the surrendered certificate; provided that the Corporation shall not be required to pay any tax that may be payable in respect of any such Transfer involved in the issuance and delivery of any such new certificate in a name other than that of Holder and the Corporation shall not be required to issue or deliver such new certificate(s) unless or until the person or persons requesting the issuance thereof shall have paid to the Corporation the amount of such tax or shall have established to the satisfaction of the Corporation that such tax has been paid. Each such new certificate shall be registered in such name and shall represent such number of shares as is requested by the Holder of the surrendered certificate and shall be substantially identical in form to the surrendered certificate.

Section 10. Miscellaneous.

- (a) Notices. Any and all notices or other communications or deliveries to be provided by the Holders hereunder, including, without limitation, any Notice of Conversion, shall be in writing and delivered personally, by facsimile or by email, or sent by a nationally recognized overnight courier service, addressed to the Corporation, at _____, or such other street address, facsimile number or email address as the Corporation may specify for such purposes by notice to the Holders delivered in accordance with this Section 10(a). Any and all notices

or other communications or deliveries to be provided by the Corporation hereunder shall be in writing and delivered personally, by facsimile, by email or sent by a nationally recognized overnight courier service addressed to each Holder at the facsimile number, email address or street address of such Holder appearing on the books of the Corporation, or if no such facsimile number, email address or street address appears on the books of the Corporation, at the principal place of business of the Holder. Any notice or other communication or deliveries hereunder shall be deemed given and effective on the earliest of (i) the date of transmission, if such notice or communication is delivered via facsimile or email to the facsimile number or email address specified in this Section 10(a) before 5:30 p.m. (New York City time) on any date, (ii) the date immediately following the date of transmission, if such notice or communication is delivered via facsimile or email to the facsimile number or email address specified in this Section 10(a) between 5:30 p.m. and 11:59 p.m. (New York City time) on any date, (iii) the second Business Day following the date of dispatch, if sent by nationally recognized overnight courier service, or (iv) upon actual receipt by the party to whom such notice is required to be given.

- (b) **Lost or Mutilated Series N Preferred Stock Certificate.** If a Holder's Series N Preferred Stock certificate shall be mutilated, lost, stolen or destroyed, the Corporation shall execute and deliver, in exchange and substitution for and upon cancellation of a mutilated certificate, or in lieu of or in substitution for a lost, stolen or destroyed certificate, a new certificate for the shares of Series N Preferred Stock so mutilated, lost, stolen or destroyed, but only upon receipt of evidence of such loss, theft or destruction of such certificate, and of the ownership thereof reasonably satisfactory to the Corporation.
- (c) **Governing Law.** All questions concerning the construction, validity, enforcement and interpretation of this instrument shall be governed by and construed and enforced in accordance with the internal laws of the State of Delaware, without regard to the principles of conflict of laws thereof.
- (d) **Waiver.** Any waiver by the Corporation or a Holder of a breach of any provision of this instrument shall not operate as or be construed to be a waiver of any other breach of such provision or of any breach of any other provision of this instrument or a waiver by any other Holders. The failure of the Corporation or a Holder to insist upon strict adherence to any term of this instrument on one or more occasions shall not be considered a waiver or deprive that party (or any other Holder) of the right thereafter to insist upon strict adherence to that term or any other term of this instrument. Any waiver by the Corporation or a Holder must be in writing.
- (e) **Severability.** If any provision of this Series N Certificate of Designations or Certificate of Designations is invalid, illegal or unenforceable, the balance of hereof or thereof shall remain in effect, and if any provision is inapplicable to any person or circumstance, it shall nevertheless remain applicable to all other persons and circumstances.
- (f) **Next Business Day.** Whenever any payment or other obligation hereunder shall be due on a day other than a Business Day, such payment shall be made on the next succeeding Business Day.
- (g) **Headings.** The headings contained herein are for convenience only, do not constitute a part of this Series N Certificate of Designations and shall not be deemed to limit or affect any of the provisions hereof.
- (h) **Status of Converted or Redeemed Series N Preferred Stock.** If any shares of Series N Preferred Stock are converted, redeemed or reacquired by the Corporation, such shares shall resume the status of authorized but unissued shares of Series N Preferred Stock.

- (i) Remedies, Characterizations, Other Obligations, Breaches and Injunctive Relief. The remedies provided herein shall be cumulative and in addition to all other remedies available hereunder, at law or in equity (including a decree of specific performance and/or other injunctive relief), and no remedy contained herein shall be deemed a waiver of compliance with the provisions giving rise to such remedy. Nothing herein shall limit a Holder's right to pursue actual damages for any failure by the Corporation to comply with the terms hereof. The Corporation covenants to each Holder that there shall be no characterization concerning this instrument other than as expressly provided herein. Amounts set forth or provided for herein with respect to payments, conversion and the like (and the computation thereof) shall be the amounts to be received by a Holder and shall not, except as expressly provided herein, be subject to any other obligation of the Corporation (or the performance thereof). The Corporation acknowledges that a breach by it of its obligations hereunder will cause irreparable harm to the Holders and that the remedy at law for any such breach may be inadequate. The Corporation therefore agrees that, in the event of any such breach or threatened breach, the Holders shall be entitled, in addition to all other available remedies, to an injunction restraining any breach, without the necessity of showing economic loss and without any bond or other security being required.

ANNEX A

NOTICE OF CONVERSION

(TO BE EXECUTED BY THE HOLDER IN ORDER TO CONVERT SHARES
OF SERIES N PREFERRED STOCK)

The undersigned hereby elects to convert the number of shares of Series N Preferred Stock, par value \$0.001 per share (the *Preferred Stock*), of CTI BioPharma Corp. (the *Corporation*), indicated below into shares of common stock, par value \$0.001 per share (the *Common Stock*), of the Corporation, according to the conditions hereof, as of the date written below. If shares of Common Stock are to be issued in the name of a person other than the undersigned, the undersigned will pay all transfer taxes payable with respect thereto and is delivering herewith such certificates and opinions as may be reasonably required by the Corporation. No fee will be charged to the Holders for any conversion of Preferred Stock, except for any such transfer taxes.

Conversion calculations:

Investor Account Name:

Investor Contact Name:

Account Number (if delivered prior to settlement date, to be completed by initial purchaser):

Date to Effect Conversion:

Number of shares of Series N Preferred Stock owned before

Conversion:

Number of shares of Series N Preferred Stock to be Converted:

Stated Value of shares of Series N Preferred Stock to be Converted:

Number of shares of Common Stock to be Issued:

Applicable Conversion Price:

Fixed conversion price 3.00 per share

DWAC Instructions (required only if delivered subsequent to the settlement date):

PREFERRED Conversion

Computershare DTCC no:

COMMON Shares CUSIP

Broker/DTCC no:

Broker Contact Name and Phone Number:

By:

Name:

Title:

Exhibit A-2

CTI BIOPHARMA CORP.

SERIES ZZ JUNIOR PARTICIPATING CUMULATIVE PREFERRED STOCK

Section 1. Designation and Amount. There shall be a series of preferred stock that shall be designated as "Series ZZ Junior Participating Cumulative Preferred Stock" (the Series ***ZZ Preferred Stock***), and the number of shares initially constituting such series shall be 10,000. Such number of shares may be increased or decreased by resolution of the Board of Directors; provided, however, that no decrease shall reduce the number of shares of Series ZZ Preferred Stock to a number less than the number of shares then outstanding plus the number of shares reserved for issuance upon the exercise of outstanding options, rights or warrants or upon the conversion of any outstanding securities issued by the Corporation convertible into Series ZZ Preferred Stock.

Section 2. Dividends and Distributions.

(a)

- (i) Subject to the rights of the holders of any shares of any class or series of preferred stock (or any similar stock) ranking prior and superior to the Series ZZ Preferred Stock with respect to dividends, the holders of shares of Series ZZ Preferred Stock, in preference to the holders of shares of common stock and of any other class or series of stock ranking junior to the Series ZZ Preferred Stock, shall be entitled to receive, when, as and if declared by the Board of Directors out of funds legally available for the purpose, quarterly dividends payable in cash on the first day of March, June, September and December in each year (each such date being referred to herein as a ***Quarterly Dividend Payment Date***), commencing on the first Quarterly Dividend Payment Date after the first issuance of a share or fraction of a share of Series ZZ Preferred Stock, in an amount per share (rounded to the nearest cent) equal to the greater of (a) \$1.00 or (b) subject to the provisions for adjustment hereinafter set forth, 10,000 times the aggregate per share amount of all cash dividends, and 10,000 times the aggregate per share amount (payable in kind) of all non-cash dividends or other distributions other than a dividend payable in shares of common stock or a subdivision of the outstanding shares of common stock (by reclassification or otherwise), declared on the common stock since the immediately preceding Quarterly Dividend Payment Date, or, with respect to the first Quarterly Dividend Payment Date, since the first issuance of any share or fraction of a share of Series ZZ Preferred Stock. The multiple of cash and non-cash dividends declared on the common stock to which holders of the Series ZZ Preferred Stock are entitled, which shall be 10,000 initially but which shall be adjusted from time to time as hereinafter provided, is hereinafter referred to as the "Dividend Multiple." In the event the Corporation shall at any time after January 7, 2010 (the ***Rights Declaration Date***).
- (ii) declare or pay any dividend on common stock payable in shares of common stock, or (ii) effect a subdivision or combination or consolidation of the outstanding shares of common stock (by reclassification or otherwise than by payment of a dividend in shares of common stock) into a greater or lesser number of shares of common stock, then in each such case the Dividend Multiple thereafter applicable to the determination of the amount

of dividends which holders of shares of Series ZZ Preferred Stock shall be entitled to receive shall be the Dividend Multiple applicable immediately prior to such event multiplied by a fraction, the numerator of which is the number of shares of common stock outstanding immediately after such event and the denominator of which is the number of shares of common stock that were outstanding immediately prior to such event.

(iii) Notwithstanding anything else contained in this paragraph (a), the Corporation shall, out of funds legally available for that purpose, declare a dividend or distribution on the Series ZZ Preferred Stock as provided in this paragraph (a) immediately after it declares a dividend or distribution on the common stock (other than a dividend payable in shares of common stock) and the Corporation shall pay such distribution of the Series ZZ Preferred Stock before the dividend or distribution declared on the common stock is paid or set apart; provided that, in the event no dividend or distribution shall have been declared on the common stock during the period between any Quarterly Dividend Payment Date and the next subsequent Quarterly Dividend Payment Date, a dividend of \$1.00 per share on the Series ZZ Preferred Stock shall nevertheless be payable on such subsequent Quarterly Dividend Payment Date.

(b) Dividends shall begin to accrue and be cumulative on outstanding shares of Series ZZ Preferred Stock from the Quarterly Dividend Payment Date next preceding the date of issue of such shares of Series ZZ Preferred Stock, unless the date of issue of such shares is prior to the record date for the first Quarterly Dividend Payment Date, in which case dividends on such shares shall begin to accrue from the date of issue of such shares, or unless the date of issue is a Quarterly Dividend Payment Date or is a date after the record date for the determination of holders of shares of Series ZZ Preferred Stock entitled to receive a quarterly dividend and before such Quarterly Dividend Payment Date, in either of which events such dividends shall begin to accrue and be cumulative from such Quarterly Dividend Payment Date. Accrued but unpaid dividends shall not bear interest. Dividends paid on the shares of Series ZZ Preferred Stock in an amount less than the total amount of such dividends at the time accrued and payable on such shares shall be allocated pro rata on a share-by-share basis among all such shares at the time outstanding. The Board of Directors may fix in accordance with applicable law a record date for the determination of holders of shares of Series ZZ Preferred Stock entitled to receive payment of a dividend or distribution declared thereon, which record date shall be not more than such number of days prior to the date fixed for the payment thereof as may be allowed by applicable law.

Section 3. Voting Rights. In addition to any other voting rights required by law, the holders of shares of Series ZZ Preferred Stock shall have the following voting rights:

(a) Subject to the provision for adjustment hereinafter set forth, each share of Series ZZ Preferred Stock shall entitle the holder thereof to 10,000 votes on all matters submitted to a vote of the stockholders of the Corporation. The number of votes which a holder of a share of Series ZZ Preferred Stock is entitled to cast, which shall initially be 10,000 but which may be adjusted from time to time as hereinafter provided, is hereinafter referred to as the "Vote Multiple." In the event the Corporation shall at any time after the Rights Declaration Date (i) declare or pay any dividend on common stock payable in shares of common stock, or (ii) effect a subdivision or combination or consolidation of the outstanding shares of common stock (by reclassification or otherwise than by payment of a dividend in shares of common stock) into a greater or lesser number of shares of common stock, then in each such case the Vote Multiple thereafter applicable to the determination of the number of votes per share to which holders of shares of Series ZZ Preferred Stock shall be entitled shall be the Vote Multiple immediately prior to such event multiplied by a fraction, the numerator of which is the number of shares of common stock outstanding immediately after such event and the denominator of which is the number of shares of common stock that were outstanding immediately prior to such event.

- (b) Except as otherwise provided herein or by law, the holders of shares of Series ZZ Preferred Stock and the holders of shares of common stock and the holders of shares of any other capital stock of this Corporation having general voting rights, shall vote together as one class on all matters submitted to a vote of stockholders of the Corporation.
- (c)
- (i) Whenever, at any time or times, dividends payable on any shares of Series ZZ Preferred Stock shall be in arrears in an amount equal to at least six (6) full quarter dividends (whether or not declared and whether or not consecutive), the holders of record of the outstanding shares of Series ZZ Preferred Stock shall have the exclusive right, voting separately as a single class, to elect two (2) directors of the Corporation at a special meeting of stockholders of the Corporation or at the Corporation's next annual meeting of stockholders, and at each subsequent annual meeting of stockholders, as provided below.
 - (ii) Upon the vesting of such right of the holders of shares of Series ZZ Preferred Stock, the maximum authorized number of members of the Board of Directors shall automatically be increased by two (2) and the two (2) vacancies so created shall be filled by vote of the holders of the outstanding shares of Series ZZ Preferred Stock as hereinafter set forth. A special meeting of the stockholders of the Corporation then entitled to vote shall be called by the President, the Board of Directors or, if requested in writing, by the holders of at least 10% of the shares of Series ZZ Preferred Stock then outstanding. At such special meeting, or, if no such special meeting shall have been called, then at the next annual meeting of stockholders of the Corporation, the holders of the shares of Series ZZ Preferred Stock shall elect, voting as above provided, two (2) directors of the Corporation to fill the aforesaid vacancies created by the automatic increase in the number of members of the Board of Directors. At any and all such meetings for such election, the holders of a majority of the outstanding shares of Series ZZ Preferred Stock shall be necessary to constitute a quorum for such election, whether present in person or proxy, and such two (2) directors shall be elected by the vote of at least a majority of the shares of Series ZZ Preferred Stock held by such stockholders present or represented at the meeting, the holders of Series ZZ Preferred Stock being entitled to cast a number of votes per share of Series ZZ Preferred Stock as is specified in paragraph (a) of this Section 3. Each such additional director shall serve until the next annual meeting of stockholders for the election of directors, or until his successor shall be elected and shall qualify, or until his right to hold such office terminates pursuant to the provisions of this Section 3(c). Any director elected by holders of shares of Series ZZ Preferred Stock pursuant to this Section 3(c) may be removed at any annual or special meeting, by vote of a majority of the stockholders voting as a class who elected such director, with or without cause. In case any vacancy shall occur among the directors elected by the holders of shares of Series ZZ Preferred Stock pursuant to this Section 3(c), such vacancy may be filled by the remaining director so elected, or his successor then in office, and the director so elected to fill such vacancy shall serve until the next meeting of stockholders for the election of directors.
 - (iii) The right of the holders of shares of Series ZZ Preferred Stock, voting separately as a class, to elect two (2) members of the Board of Directors of the Corporation as aforesaid shall continue until, and only until, such time as all arrears in dividends (whether or not declared) on the Series ZZ Preferred Stock shall have been paid or declared and set apart for payment, at which time such right shall terminate, except as herein or by law expressly provided subject to re-vesting in the event of each and every subsequent default of the character above-mentioned. Upon any termination of the right of the holders of the Series ZZ Preferred Stock as a class to vote for directors as herein provided, the term of office of all directors then in office elected by the holders of shares of Series ZZ Preferred Stock pursuant to this Section 3(c) shall terminate immediately. Whenever the term of office of the directors elected by the holders of shares of Series ZZ Preferred Stock pursuant to

this Section 3(c) shall terminate and the special voting powers vested in the holders of the Series ZZ Preferred Stock pursuant to this Section 3(c) shall have expired, the maximum number of members of this Board of Directors of the Corporation shall be such number as may be provided for in the Bylaws of the Corporation, irrespective of any increase made pursuant to the provisions of this Section 3(c). The voting rights granted by this Section 3(c) shall be in addition to any other voting rights granted to the holders of the Series ZZ Preferred Stock in this Section 3.

- (d) Except as otherwise required by applicable law or as set forth herein, holders of Series ZZ Preferred Stock shall have no special voting rights and their consent shall not be required (except to the extent they are entitled to vote with holders of common stock as set forth herein) for taking any corporate action.

Section 4. Certain Restrictions.

- (a) Whenever dividends or distributions payable on the Series ZZ Preferred Stock as provided in Section 2 are in arrears, thereafter and until all accrued and unpaid dividends and distributions, whether or not declared, on shares of Series ZZ Preferred Stock outstanding shall have been paid in full, the Corporation shall not:
 - (i) declare or pay dividends on, make any other distributions on, or redeem or purchase or otherwise acquire for consideration any shares of stock ranking junior (either as to dividends or upon liquidation, dissolution or winding up) to the Series ZZ Preferred Stock;
 - (ii) declare or pay dividends on or make any other distributions on any shares of stock ranking on a parity (either as to dividends or upon liquidation, dissolution or winding up) with the Series ZZ Preferred Stock, except dividends paid ratably on the Series ZZ Preferred Stock and all such parity stock on which dividends are payable or in arrears in proportion to the total amounts to which the holders of all such shares are then entitled;
 - (iii) except as permitted in subsection 4(a)(iv) below, redeem, purchase or otherwise acquire for consideration shares of any stock ranking on a parity (either as to dividends or upon liquidation, dissolution or winding up) with the Series ZZ Preferred Stock, provided that the Corporation may at any time redeem, purchase or otherwise acquire shares of any such parity stock in exchange for shares of any stock of the Corporation ranking junior (either as to dividends or upon dissolution, liquidation or winding up) to the Series ZZ Preferred Stock; or
 - (iv) purchase or otherwise acquire for consideration any shares of Series ZZ Preferred Stock, or any shares of any stock ranking on a parity (either as to dividends or upon liquidation, dissolution or winding up) with the Series ZZ Preferred Stock, except in accordance with a purchase offer made in writing or by publication (as determined by the Board of Directors) to all holders of such shares upon such terms as the Board of Directors, after consideration of the respective annual dividend rates and other relative rights and preferences of the respective Series ZZnd classes, shall determine in good faith will result in fair and equitable treatment among the respective series or classes.
- (b) The Corporation shall not permit any subsidiary of the Corporation to purchase or otherwise acquire for consideration any shares of stock of the Corporation unless the Corporation could, under subsection (a) of this Section 4, purchase or otherwise acquire such shares at such time and in such manner.

Section 5. Reacquired Shares. Any shares of Series ZZ Preferred Stock purchased or otherwise acquired by the Corporation in any manner whatsoever shall be retired promptly after the acquisition thereof. All such shares shall upon

their retirement become authorized but unissued shares of preferred stock and may be reissued as part of a new series of preferred stock to be created by resolution or resolutions of the Board of Directors, subject to the conditions and restrictions on issuance set forth herein.

Section 6. Liquidation, Dissolution or Winding Up. Upon any liquidation, dissolution or winding up of the Corporation (voluntary or otherwise), no distribution shall be made (x) to the holders of shares of stock ranking junior (either as to dividends or upon liquidation, dissolution or winding up) to the Series ZZ Preferred Stock unless, prior thereto, the holders of shares of Series ZZ Preferred Stock shall have received an amount (the ***Series ZZ Liquidation Preference***) equal to accrued and unpaid dividends and distributions thereon, whether or not declared, to the date of such payment, plus an amount equal to the greater of (1) \$10,000.00 per share or (2) an aggregate amount per share, subject to the provision for adjustment hereinafter set forth, equal to 10,000 times the aggregate amount of all cash or other property to be distributed per share to holders of common stock upon such liquidation, dissolution or winding up of the Corporation, or (y) to the holders of stock ranking on a parity (either as to dividends or upon liquidation, dissolution or winding up) with the Series ZZ Preferred Stock, except distributions made ratably on the Series ZZ Preferred Stock and all other such parity stock in proportion to the total amounts to which the holders of all such shares are entitled upon such liquidation, dissolution or winding up. In the event the Corporation shall at any time after the Rights Declaration Date (i) declare or pay any dividend on common stock payable in shares of common stock, or (ii) effect a subdivision or combination or consolidation of the outstanding shares of common stock (by reclassification or otherwise than by payment of a dividend in shares of common stock) into a greater or lesser number of shares of common stock, then in each such case the aggregate amount per share to which holders of shares of Series ZZ Preferred Stock were entitled immediately prior to such event under clause (x) of the preceding sentence shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of common stock outstanding immediately after such event and the denominator of which is the number of shares of common stock that were outstanding immediately prior to such event.

In the event, however, that there are not sufficient assets available to permit payment in full of the Series ZZ Liquidation Preference and the liquidation preferences of all other classes and series of stock of the Corporation, if any, that rank on a parity with the Series ZZ Preferred Stock in respect thereof, then the assets available for such distribution shall be distributed ratably to the holders of the Series ZZ Preferred Stock and the holders of such parity shares in proportion to their respective liquidation preferences.

Neither the consolidation of nor merging of the Corporation with or into any other corporation or corporations, nor the sale or other transfer of all or substantially all of the assets of the Corporation, shall be deemed to be a liquidation, dissolution or winding up of the Corporation within the meaning of this Section 6.

Section 7. Consolidation, Merger, etc. In case the Corporation shall enter into any consolidation, merger, combination or other transaction in which the outstanding shares of common stock are exchanged for or changed into other stock or securities, cash and/or any other property, then in any such case each share of Series ZZ Preferred Stock shall at the same time be similarly exchanged or changed in an amount per share (subject to the provision for adjustment hereinafter set forth) equal to 10,000 times the aggregate amount of stock, securities, cash and/or any other property (payable in kind), as the case may be, into which or for which each share of common stock is changed or exchanged, plus accrued and unpaid dividends, if any, payable with respect to the Series ZZ Preferred Stock. In the event the Corporation shall at any time after the Rights Declaration Date (i) declare or pay any dividend on common stock payable in shares of common stock, or (ii) effect a subdivision or combination or consolidation of the outstanding shares of common stock (by reclassification or otherwise than by payment of a dividend in shares of common stock) into a greater or lesser number of shares of common stock, then in each such case the amount set forth in the preceding sentence with respect

to the exchange or change of shares of Series ZZ Preferred Stock shall be adjusted by multiplying such amount by a fraction, the numerator of which is the number of shares of common stock outstanding immediately after such event and the denominator of which is the number of shares of common stock that were outstanding immediately prior to such event.

Section 8. Redemption. The shares of Series ZZ Preferred Stock shall not be redeemable; provided, however, that the foregoing shall not limit the ability of the Corporation to purchase or otherwise deal in such shares to the extent otherwise permitted hereby and by law.

Section 9. Ranking. Unless otherwise expressly provided in the Certificate of Incorporation or a Certificate of Designation, Preferences or Rights relating to any other series of preferred stock of the Corporation, the Series ZZ Preferred Stock shall rank junior to every other series of the Corporation's preferred stock previously or hereafter authorized, as to the payment of dividends and the distribution of assets on liquidation, dissolution or winding up and shall rank senior to the common stock.

Section 10. Fractional Shares. Series ZZ Preferred Stock may be issued in whole shares or in any fraction of a share that is one ten-thousandth ($1/10,000$ th) of a share or any integral multiple of such fraction, which shall entitle the holder, in proportion to such holder's fractional shares, to exercise voting rights, receive dividends, participate in distributions and to have the benefit of all other rights of holders of Series ZZ Preferred Stock. In lieu of fractional shares, the Corporation may elect to make a cash payment as provided in the Rights Agreement, as amended, for fractions of a share other than one ten-thousandth ($1/10,000$ th) of a share or any integral multiple thereof.

Section 11. Amendment. At any time any shares of Series ZZ Preferred Stock are outstanding, the Certificate of Incorporation and the foregoing Sections 1 through 10, inclusive, and this Section 11 of the Series ZZ Certificate of Designation shall not be amended in any manner, including by merger, consolidation or otherwise, which would materially alter or change the powers, preferences or special rights of the Series ZZ Preferred Stock so as to affect them adversely without the affirmative vote of the holders of two-thirds or more of the outstanding shares of Series ZZ Preferred Stock, voting separately as a class.

BYLAWS
OF
CTI BIOPHARMA CORP.

a Delaware corporation

ARTICLE I

REGISTERED OFFICE

- 1.1 **Delaware Office.** The Corporation shall have and maintain a registered office in the State of Delaware as required by law. The name and address of its registered agent in the State of Delaware is set forth in the Certificate of Incorporation of the Corporation (the *Certificate of Incorporation*).
- 1.2 **Other Offices.** The Corporation may have such other offices, either within or without the State of Delaware, as the Board of Directors of the Corporation (the *Board of Directors*) may designate or as the business of the Corporation may from time to time require.

ARTICLE II

STOCKHOLDER MEETINGS

- 2.1 **Meeting Place.** All meetings of the stockholders shall be held, pursuant to proper notice as set forth in Section 2.4 of this Article II, at the principal executive office of the Corporation, or at such other place as shall be determined from time to time by the Board of Directors. The Board of Directors may, in its sole discretion, determine that the meeting may be held solely by means of remote communication, as authorized by Section 211(a) of the General Corporation Law of the State of Delaware (the *DGCL*).
- 2.2 **Annual Meeting.** The annual meeting of the stockholders shall be held on such date and at such time as shall be fixed by resolution of the Board of Directors, at the principal office of the Corporation, or such other place as fixed by the Board of Directors, for the purpose of electing directors and transacting such other business as may properly come before that meeting? *provided, however*, that the Board of Directors may, in its sole discretion, determine that the meeting shall not be held at any place, but may instead be held solely by means of remote communication as authorized by Section 211 of the DGCL.
- 2.3 **Special Meetings.** Special meetings of the stockholders for any purpose may be called at any time by the President, the Board of Directors or the holders of at least ten percent of all the votes entitled to be cast on any issue proposed to be considered at such special meeting. Special meetings of the stockholders shall be held at the Corporation's principal executive office or at such other place as shall be identified in the notice of such meeting. Only business within the purpose or purposes described in the meeting notice may be conducted at a special stockholders' meeting.

- 2.4 **Notice of Meetings.** Except as otherwise provided by applicable law or the Certificate of Incorporation, whenever stockholders are required or permitted to take any action at a meeting, notice in writing or by electronic transmission of each stockholders' meeting stating the date, time, place, and the means of remote communications, if any, by which stockholders and proxy holders may be deemed to be present in person and vote at such meeting, and, for a special meeting, the purpose(s) for which the meeting is called, shall be given by the Corporation not less than ten nor more than sixty days prior to the date of the meeting, to each stockholder of record pursuant to Article VII of these Bylaws. Except as otherwise provided by applicable law or the Certificate of Incorporation, the Corporation is required to give notice only to stockholders entitled to vote at the meeting.
- 2.5 If mailed, notice shall be deemed given when deposited in the mail, postage prepaid, directed to the stockholder at such stockholder's address as it appears on the records of the Corporation. Any previously scheduled meeting of the stockholders may be postponed by resolution of the Board of Directors, except that a meeting requested by the holders of record of shares of stock pursuant to Section 2.3 of these Bylaws may be postponed only by the holders of record that requested the meeting.
- 2.6 The Board of Directors or the chairperson at any meeting shall have the power to adjourn a meeting of stockholders. When a meeting is adjourned to another time or place, notice need not be given of the adjourned meeting if the time, place (if any) thereof and the means of remote communications (if any) by which stockholders and proxy holders may be deemed to be present in person and vote at such adjourned meeting are announced at the meeting at which the adjournment is taken. At the adjourned meeting the Corporation may transact any business that might have been transacted at the original meeting. If the adjournment is for more than 30 days, a notice of the adjourned meeting shall be given to each stockholder of record entitled to vote at the meeting. If after the adjournment a new record date for stockholders entitled to vote is fixed for the adjourned meeting, the Board shall fix a new record date for determining stockholders entitled to notice of such adjournment meeting the same or an earlier date as that fixed for determination of stockholders entitled to vote at the adjourned meeting, and shall give notice of the adjourned meeting to each stockholder of record entitled to vote at such adjourned meeting as of the record date fixed for notice of such adjourned meeting.
- 2.7 **Fixing of Record Date.** In order that the Corporation may determine the stockholders entitled to notice of any meeting of stockholders or any adjournment thereof, the Board of Directors may fix a record date, which record date shall not precede the date upon which the resolution fixing the record date is adopted by the Board of Directors, and which record date shall, unless otherwise required by law, not be more than sixty (60) nor less than ten (10) days before the date of such meeting. If the Board of Directors so fixes a date, such date shall also be the record date for determining the stockholders entitled to vote at such meeting unless the Board of Directors determines, at the time it fixes such record date, that a later date on or before the date of the meeting shall be the date for making such determination. If no record date is fixed by the Board of Directors, the record date for determining stockholders entitled to notice of or to vote at a meeting of stockholders shall be at the close of business on the day next preceding the day on which notice is given, or, if notice is waived, at the close of business on the day next preceding the day on which the meeting is held. A determination of stockholders of record entitled to notice of or to vote at a meeting of stockholders shall apply to any adjournment of the meeting; provided, however, that the Board of Directors may fix a new record date for determination of stockholders entitled to vote at the adjourned meeting, and in such case shall also fix as the record date for stockholders entitled to notice of such adjourned meeting the same or an earlier date as that fixed for determination of stockholders entitled to vote in accordance herewith at the adjourned meeting.

The record date for determining the stockholders entitled to consent to corporate action in writing without a meeting shall not be more than 10 days after the date upon which the resolution fixing the record date is adopted by the Board of Directors. If no such record date is fixed by the Board of Directors, the record date shall be determined as follows:

- (a) if no prior action by the Board of Directors is required under the DGCL, the record date shall be the first date on which a signed written consent setting forth the action taken or proposed to be taken is delivered to the Corporation; and
- (b) if prior action by the Board of Directors is required under the DGCL, the record date shall be the close of business on the day on which the Board of Directors adopts a resolution taking such prior action.

The record date for determining the stockholders entitled to receive payment of any dividend or other distribution or allotment of rights or the stockholders entitled to exercise any rights in respect of any change, conversion or exchange of stock, or for the purpose of any other lawful action, shall be not more than 60 nor less than 10 days prior to such action. If no such record date is fixed by the Board of Directors, the record date for determining the stockholders for any such purpose shall be the close of business on the day on which the Board of Directors adopts the resolution relating to such purpose.

2.8 **Stockholders' List.** The Corporation shall prepare, at least ten days before every meeting of stockholders, a complete list of the stockholders entitled to vote at the meeting (provided, however, if the record date for determining the stockholders entitled to vote is less than ten (10) days before the date of the meeting, the list shall reflect the stockholders entitled to vote as of the tenth day before the meeting date), arranged in alphabetical order, and showing the address of each stockholder and the number of shares registered in the name of each stockholder. Such list shall be open to the examination of any stockholder for any purpose germane to the meeting at least ten (10) days prior to the meeting (i) on a reasonably accessible electronic network, provided that the information required to gain access to such list is provided with the notice of meeting or (ii) during ordinary business hours at the principal place of business of the Corporation. If the meeting is to be held at a place, then a list of stockholders entitled to vote at the meeting shall be produced and kept at the time and place of the meeting during the whole time thereof and may be examined by any stockholder who is present. If the meeting is to be held solely by means of remote communication, then the list shall also be open to the examination of any stockholder during the whole time of the meeting on a reasonably accessible electronic network, and the information required to access such list shall be provided with the notice of the meeting. Except as otherwise provided by law, the stock ledger shall be the only evidence as to who are the stockholders entitled to examine the list of stockholders required by this Section 2.8 or to vote in person or by proxy at any meeting of stockholders.

2.9 **Quorum and Adjourned Meetings.** Except as otherwise provided in the Certificate of Incorporation or otherwise provided by law, a quorum at any annual or special meeting of stockholders shall consist of stockholders representing, either in person or by proxy, one-third of the votes entitled to be cast on the matter. The stockholders present at a duly organized meeting may continue to transact business until adjournment, notwithstanding the withdrawal of enough stockholders to leave less than a quorum. The chairman of the meeting may adjourn the meeting from time to time, whether or not there is such a quorum. No notice of the time and place of adjourned meetings need be given except as provided in the last paragraph of Section 2.6 of these Bylaws.

- 2.10 **Voting.** Except as otherwise provided in the Certificate of Incorporation or by law, each outstanding share, regardless of class, is entitled to one vote on each matter voted on at a stockholders' meeting.

If a quorum exists, then, other than in the election of directors, action on a matter is approved by the vote of the holders of shares of stock having a majority in voting power of the votes cast by the holders of all shares of stock present or represented at the meeting and voting affirmatively or negatively on such matter.

Unless otherwise provided in the Certificate of Incorporation, in any election of directors the candidates elected are those receiving the largest numbers of votes cast by the shares entitled to vote in the election, up to the number of directors to be elected by such shares.

- 2.11 **Proxies.** A stockholder may vote either in person or by granting a proxy in accordance with applicable law. An appointment of a proxy is valid for three years unless a longer period is expressly provided in the appointment form.

- 2.12 **Stockholder Action by Written Consent.** Except as otherwise provided by the Certificate of Incorporation, any action required to be taken at any annual or special meeting of stockholders of the Corporation, or any action which may be taken at any annual or special meeting of the stockholders of the Corporation, may be taken without a meeting, without prior notice and without a vote, only if a consent or consents in writing, setting forth the action so taken, shall be signed by the holders of all the outstanding shares of stock of the Corporation entitled to vote thereon and shall be delivered to the Corporation by delivery to its registered office in the State of Delaware, its principal place of business or an officer or agent of the Corporation having custody of the book in which proceedings of meetings of stockholders are recorded.

- 2.13 **Stockholder Nomination of Director Candidates.**

- (a) Subject to the rights of holders of any class or series of stock having a preference over the Corporation's common stock as to dividends or upon liquidation, if any, nominations for the election of directors may be made by the Board of Directors or a committee appointed by the Board of Directors or by any stockholder who is a stockholder of record of the Corporation at the time the notice provided for in this Section 2.13 is delivered to the Corporation and who is entitled to vote in the election of directors generally at the applicable meeting of stockholders. However, any stockholder entitled to vote in the election of directors generally may nominate one or more persons for election as directors at a meeting only if written notice of such stockholder's intent to make such nomination or nominations has been received by the Corporation, either by personal delivery or by United States mail, postage prepaid, to the Secretary of the Corporation not later than (i) with respect to the election to be held at an annual meeting of stockholders, not less than ninety days nor more than one hundred twenty days prior to the date one year from the date of the immediately preceding annual meeting of stockholders; provided, however, that in the event that the annual meeting is called for a date that is not within thirty days before or after the date one year from the date of the immediately preceding annual meeting of stockholders, or no annual meeting was held in the immediately preceding year, notice by the stockholder in order to be timely must be so received no later than the close of business on the tenth day following the day on which the public announcement is first made of the date of the annual meeting; and (ii) with respect to an election to be held at a special meeting of stockholders for the election of directors, the close of business on the tenth day following the date on which the public announcement is first made of the date of the special meeting. Each such notice shall be in

writing and shall set forth: (A) the name and address of the stockholder who intends to make the nomination and of the person or persons to be nominated; (B) a representation that the stockholder is a holder of record of stock of the Corporation entitled to vote at such meeting and intends to appear in person or by proxy at the meeting to nominate the person or persons specified in the notice; (C) a description of all arrangements or understandings between the stockholder and each nominee and any other person or persons (naming such person or persons) pursuant to which the nomination or nominations are to be made by the stockholder; (D) such other information regarding each nominee proposed by such stockholder as would be required to be included in a proxy statement filed pursuant to the proxy rules of the Securities and Exchange Commission, had the nominee been nominated or intended to be nominated, by the Board of Directors; and (E) the consent of each nominee to serve as a director of the Corporation if so elected. This Section 2.13 of this Article II shall be the exclusive means for a stockholder to submit nominations of persons for election to the Board of Directors. The Chairperson of the meeting may in his or her discretion determine and declare to the meeting that a nomination was not made in accordance with the foregoing procedures, and if he or she should so determine, he or she shall so declare to the meeting and the defective nomination shall be disregarded.

- (b) Notwithstanding anything to the contrary in these Bylaws, unless otherwise required by law, (i) no person shall be eligible for election as a director of the Corporation pursuant to a stockholder nomination unless nominated in accordance with the procedures (including providing the required information) set forth in this Section 2.13 of this Article II, whether such proposed nominee is to be included in the Corporation's proxy statement or presented to stockholders by means of an independently financed proxy solicitation and (ii) if the stockholder (or a qualified representative) giving the notice does not appear at the meeting to present the nomination, such nomination may be disregarded, irrespective of whether proxies concerning such nomination have been received by the Corporation.

2.14 **Stockholder Proposals.**

- (a) Any stockholder who is a stockholder of record of the Corporation at the time the notice provided for in this Section 2.14 is delivered to the Corporation and who is entitled to vote at a meeting of stockholders may make any proposal at such meeting of stockholders and the same may be discussed and considered only if written notice of such stockholder's intent to make such proposal(s) has been received by the Corporation, either by personal delivery or by United States mail, postage prepaid, to the Secretary of the Corporation (i) for purposes of an annual meeting, not less than ninety days nor more than one hundred twenty days prior to the date one year from the date of the immediately preceding annual meeting of stockholders; provided, however, that in the event that the annual meeting is called for a date that is not within thirty days before or after the date one year from the date of the immediately preceding annual meeting of stockholders, or no annual meeting was held in the immediately preceding year, notice by the stockholder in order to be timely must be so received no later than the close of business on the tenth day following the day on which the public announcement is first made of the date of the annual meeting; and (ii) for purposes of a special meeting, not less than ninety days nor more than one hundred twenty days prior to the date of such special meeting of stockholders; provided, however, that if the first public announcement of the date of such special meeting is less than one hundred days prior to the date of such special meeting, notice by the stockholder in order to be timely must be so received no less than the tenth day following the day on which public announcement is first made of the date of the special meeting. In no event shall any

adjournment or postponement of a special meeting or a public announcement thereof commence a new time period (or extend any time period) for the giving of a stockholder's notice. Each such notice shall be in writing and shall set forth: (i) the address of the stockholder who intends to make the proposal(s); (ii) a representation that the stockholder is a holder of record of stock of the Corporation entitled to vote at such meeting and intends to appear in person or by proxy at the meeting to vote for the proposal(s); and (iii) such other information regarding each proposal as would be required to be included in a proxy statement filed pursuant to the proxy rules of the Securities and Exchange Commission. The Chairperson of the meeting may in his discretion determine and declare to the meeting that a proposal was not made in accordance with the foregoing procedures, and if he should so determine, he shall so declare to the meeting and the defective proposal shall be disregarded.

- (b) Notwithstanding anything to the contrary in these Bylaws: (i) no business shall be conducted at any meeting of stockholders except in accordance with the procedures set forth in this Section 2.14 of this Article II (other than the nomination of a person for election as a director, which is governed by Section 2.13 of this Article II and any business brought by the Board of Directors), and (ii) unless otherwise required by law, if a stockholder intending to propose business at a meeting of stockholders does not comply with the procedures (including providing the required information) set forth in this Section 2.14 of this Article II or if such stockholder (or a qualified representative) does not appear at the meeting to present the proposed business, such business shall not be transacted, irrespective of whether proxies concerning such nomination have been received by the Corporation.
- (c) Without limiting the foregoing provisions of this Section 2.14 of this Article II (and with respect to the nomination of a person for election as a director, Section 2.13 of this Article II), a stockholder shall also comply with all applicable requirements of the Securities Exchange Act of 1934, as amended (the *Exchange Act*), and the rules and regulations thereunder with respect to the matters set forth in this Section 2.14 of this Article II; provided, however, that any references in these Bylaws to the Exchange Act or such rules and regulations are not intended to and shall not limit any requirements applicable to nominations or proposals as to any other business to be considered pursuant to this Section 2.14, and compliance with this Section 2.14 of this Article II shall be the exclusive means for a stockholder to make nominations or submit other business. Nothing in these Bylaws shall be deemed to affect any rights (i) of stockholders to request inclusion of proposals in the Corporation's proxy statement pursuant to Rule 14a-8 (or any successor provision) under the Exchange Act or (ii) of the Corporation to omit a proposal from the Corporation's proxy statement pursuant to Rule 14a-8 (or any successor provision) under the Exchange Act, or (iii) of the holders of any series of Preferred Stock, if any, to the extent provided for under law, the Certificate of Incorporation or these Bylaws.

ARTICLE III

SHARES OF STOCK

- 3.1 **Issuance of Shares.** Shares of capital stock of the Corporation shall be issued in the manner and for such considered as may be provided by applicable law.
- 3.2 **Certificated Shares.** Certificates of stock, if any, shall be issued in numerical order, and each stockholder holding shares represented by certificates shall be entitled to a certificate signed in a manner that complies

with Section 158 of the DGCL. If an officer who has signed, or whose facsimile signature has been placed upon, such certificate ceases to be such officer before the certificate is issued, it may be issued by the Corporation with the same effect as if the person were an officer on the date of issue.

If the shares are subject to transfer or other restrictions under applicable securities laws or contracts with the Corporation, the share certificates shall include a complete description of, or a reference to, the existence and general nature of such restrictions on the face or back of the certificate.

Subject to the Certificate of Incorporation, the Corporation may issue a new certificate of stock or uncertificated shares in place of any certificate theretofore issued by it, alleged to have been lost, stolen or destroyed, and the Corporation may require the owner of the lost, stolen or destroyed certificate, or such owner's legal representative to give the Corporation an affidavit of loss and a bond sufficient to indemnify it against any claim that may be made against it on account of the alleged loss, theft or destruction of any such certificate or the issuance of such new certificate or uncertificated shares.

3.3 **Uncertificated Shares.** The Board of Directors may provide by resolution or resolutions that some or all of any or all classes or series of its stock shall be uncertificated shares. Any such resolution shall not apply to shares represented by a certificate until such certificate is surrendered to the Corporation.

3.4 **Transfers.**

- (a) Transfers of stock shall be made only upon the stock transfer records of the Corporation, which records shall be kept at the registered office of the Corporation or at its principal place of business, or at the office of its transfer agent or registrar. The Board of Directors may, by resolution, open a share register in any state of the United States, and may employ an agent or agents to keep such register and to record transfers of shares therein.
- (b) Shares of certificated stock shall be transferred by delivery of the certificates therefor, accompanied either by an assignment in writing on the back of the certificate or an assignment separate from certificate, or by a written power of attorney to sell, assign and transfer the same, signed by the holder of said certificate. No shares of certificated stock shall be transferred on the records of the Corporation until the outstanding certificates therefor (or, in the case of a certificate alleged to have been lost, stolen or destroyed, any required affidavit of loss and bond) have been surrendered to the Corporation or to its transfer agent or registrar.
- (c) Shares of uncertificated stock shall be transferred upon receipt by the Corporation of a written request for transfer signed by the stockholder. Within a reasonable time after the transfer of shares without certificates, the Corporation shall provide the new stockholder a complete written statement of the information required on certificates as provided in Section 3.2 of this Article III.

ARTICLE IV

BOARD OF DIRECTORS

4.1 **Powers.** The management of all the affairs, property and interests of the Corporation shall be vested in a Board of Directors. In addition to the powers and authorities expressly conferred upon it by these Bylaws and by the Certificate of Incorporation, the Board of Directors may exercise all such powers of the Corporation

and do all such lawful acts as are not prohibited by statute or by the Certificate of Incorporation or by these Bylaws or as directed or required to be exercised or done by the stockholders.

- 4.2 **Number, Term.** The Board of Directors shall consist of not less than five and not more than twelve persons as fixed from time to time by resolution of the Board of Directors. Following the date hereof, Directors shall be elected annually for terms of one year, and until their successors are elected and qualified, subject to their earlier death, resignation or removal from the Board of Directors. Directors may serve for any number of consecutive terms. Unless a Director dies, resigns or is removed, he or she shall hold office for the term elected and until his or her successor is elected and qualified.
- 4.3 **Change of Number.** Unless otherwise provided by the Certificate of Incorporation, the total number of directors constituting the Board of Directors may at any time be increased or decreased by the Board of Directors; provided, that no decrease in the number of directors shall have the effect of shortening the term of any incumbent director.
- 4.4 **Chairperson of the Board of Directors.** The Chairperson of the Board of Directors shall be a director and shall perform such duties as shall be assigned to him or her by the Board of Directors and in any employment agreement approved by the Board of Directors. The Chairperson shall preside at all meetings of the Board of Directors at which he or she is present. The Chairperson may sign deeds, mortgages, bonds, contracts, and other instruments, if such powers have been expressly delegated by the Board of Directors to the Chairperson, unless required by law to be signed by some other officer or in some other manner.
- 4.5 **Vacancies.** All vacancies in the Board of Directors, whether caused by resignation, death or otherwise, may be filled by the affirmative vote of a majority of the remaining directors in office though less than a quorum of the Board of Directors. A director elected to fill a vacancy shall hold office until the next stockholders' meeting at which directors are elected and until his or her successor is elected and qualified. Any directorship to be filled by reason of an increase in the number of directors may be filled by the Board of Directors for a term of office continuing only until the next election of directors by the stockholders and until his or her successor is elected and qualified.
- 4.6 **Resignation.** A director may resign at any time by delivering written notice to the Board of Directors, the Chairperson of the Board of Directors, the President or the Secretary. A resignation is effective when the notice is delivered unless the notice specifies a later effective date.
- 4.7 **Removal of Directors.** Unless otherwise provided by the Certificate of Incorporation or applicable law, at a special meeting of stockholders called expressly for that purpose, the entire Board of Directors, or any member thereof, may be removed from office at any time, but only by the affirmative vote of the holders of a majority in voting power of the outstanding shares entitled to vote thereon.
- 4.8 **Regular Meetings.** Regular meetings of the Board of Directors or any committee may be held without notice at the principal place of business of the Corporation or at such other place or places, within or without the State of Delaware, as the Board of Directors or such committee, as the case may be, may from time to time designate. An annual meeting of the Board of Directors may be held without notice immediately after adjournment of the annual meeting of stockholders at the same place at which such stockholders' meeting was held.
- 4.9 **Special Meetings.**
- (a) Special meetings of the Board of Directors may be called at any time by the Chairperson, the Chief Executive Officer or by a majority of the members of the Board of Directors, to be held at the principal

place of business of the Corporation or at such other place as the Board of Directors or the person or persons calling such meeting may designate.

- (b) Special meetings of any committee of the Board of Directors may be called at any time by such person or persons and with such notice as shall be specified for such committee by the Board of Directors, or in the absence of such specification, in the manner and with the notice required for special meetings of the Board of Directors.

4.10 **Notice of Meeting.** Notice of the place, day, and time of any meeting of the Board of Directors for which notice is required shall be given, at least two days prior to the day on which the meeting is to be held, in any manner permitted by law, including orally. Notice shall be deemed to have been given as set forth in Article VII of these Bylaws. Such notice need not specify the business to be transacted at, or the purpose of, the meeting.

4.11 **Waiver of Notice.** A director may waive any notice required by law, by the Certificate of Incorporation or by these Bylaws before or after the time stated for the meeting, and such waiver shall be equivalent to the giving of such notice. Such waiver must be delivered by the director entitled to such notice and delivered to the Corporation for inclusion in the minutes or filing with the corporate records, which waiver shall be set forth either (a) in an executed record or (b) if the Corporation has designated an address, location, or system to which the waiver may be electronically transmitted and the waiver has been electronically transmitted to the designated address, location, or system, in an executed electronically transmitted record. A director's attendance at or participation in a meeting shall constitute a waiver of any required notice to the director of the meeting unless the director, at the beginning of the meeting or promptly upon the director's arrival, objects to holding the meeting or transacting business at the meeting and does not thereafter vote for or assent to action taken at the meeting.

4.12 **Quorum.** A majority of the full Board of Directors shall be necessary at all meetings to constitute a quorum for the transaction of business. If a quorum is present when a vote is taken, the affirmative vote of a majority of directors present is the act of the Board of Directors.

4.13 **Action by Directors Without a Meeting.**

- (a) Unless otherwise restricted by the Certificate of Incorporation, any action required or permitted to be taken at a meeting of the Board of Directors, or of a committee thereof, may be taken without a meeting if all members of the Board of Directors or committee, as the case may be, consent thereto in writing, or by electronic transmission and the writing or writings or electronic transmission or transmissions are filed with the minutes of the proceedings of the Board of Directors, or committee.
- (b) Action taken under this Section 4.14 of this Article IV is effective when the last director signs the consent, unless the consent specifies a later effective date.

4.14 **Participation.** Any or all directors may participate in a regular or special meeting of the Board of Directors (or of a committee thereof) by, or may conduct the meeting through the use of, any means of communication by which all directors participating can hear each other during the meeting, and participation by such means shall constitute presence in person at such meeting.

4.15 **Committees.**

- (a) The Board of Directors, by resolution adopted by a majority of the full Board of Directors, designate one or more committees of directors. Each committee must have one or more members.

- (b) Any such committee may fix its rules of procedure and fix the time and place, whether within or without the State of Delaware, of its meetings and specify what notice thereof, if any, shall be given, unless the Board of Directors shall otherwise by resolution provide. The Board of Directors shall have the power to change the members of any such committee at any time, to fill vacancies therein and to discharge any such committee, either with or without cause, at any time.
- (c) Any such committee, unless otherwise provided in the resolution of the Board of Directors, or in these Bylaws, shall have and may exercise all the powers and authority of the Board of Directors in the management of the business and affairs of the Corporation, and may authorize the seal of the Corporation to be affixed to all papers which may require it?but no such committee shall have the power or authority denied it by Section 141 of the DGCL.
- (d) Each committee shall keep regular minutes of its meetings and make such reports as the Board of Directors may from time to time request.

ARTICLE V

OFFICERS

- 5.1 **Designations.** The officers of the Corporation shall be a Chief Executive Officer, a President, a Secretary and, at the discretion of the Board of Directors, a Treasurer, one or more Assistant Secretaries and/or Assistant Treasurers, and such other officers as may be deemed necessary. The officers of the Corporation that may from time to time be appointed by the Chief Executive Officer shall be the Vice Presidents and such additional officers and assistant officers of the Corporation as he may determine. Any two or more offices may be held by the same individual. The Board of Directors, in its discretion, may elect a person from among its members to serve as Chairperson of the Board of Directors, who, when present, shall preside at all meetings of the Board of Directors, and who shall have such other powers as the Board of Directors may determine.
- 5.2 **Appointment of Officers.** The Board of Directors shall appoint the officers of the Corporation subject to the rights, if any, of an officer under any contract of employment.
- 5.3 **Powers and Duties.** If the Board of Directors appoints persons to fill the following positions, such officers shall have the power and duties set forth below:
 - (a) **The Chief Executive Officer.** The Chief Executive Officer, subject to the direction and control of the Board of Directors, shall have general control and management of the business affairs and policies of the Corporation. The Chief Executive Officer shall act as liaison from and as spokesman for the Board of Directors. The Chief Executive Officer shall participate in long-range planning for the Corporation and shall be available to the other officers of the Corporation for consultation. The Chief Executive Officer shall possess power to sign all certificates, contracts and other instruments of the Corporation. Unless a Chairperson of the Board of Directors has been appointed and is present, the Chief Executive Officer shall preside at all meetings of the stockholders and of the Board of Directors. The Chief Executive Officer shall perform all such other duties as are incident to the office of Chief Executive Officer or are properly required by the Board of Directors.
 - (b) **The President.** The President shall report to the Chief Executive Officer. In the absence of the Chief Executive Officer or his inability to act, the President, if any, shall perform all duties of the Chief

Executive Officer and when so acting shall have all the power of, and be subject to all restrictions upon, the Chief Executive Officer? provided that no such President shall assume the authority to preside as Chairperson of meetings of the Board of Directors unless such President is a member of the Board of Directors. In general, the President shall have such powers and discharge such duties as are incident to the office of President and such duties as may be assigned from time to time by the Board of Directors.

- (c) Vice Presidents. Each Vice President shall have such powers and discharge such duties as may be assigned from time to time by the Board of Directors or the Chief Executive Officer, as applicable. During the absence or disability of the Chief Executive Officer and the President, and if no Chairperson of the Board of Directors is appointed, the Executive or Senior Vice Presidents, if any, and the Vice Presidents, if any, in the order designated by the Board of Directors, shall exercise all the functions of the President.
 - (d) The Secretary. The Secretary shall issue notices for all meetings, except for notices for special meetings of the stockholders and special meetings of the directors which are called by the requisite percentage of stockholders or number of directors, shall have charge of the seal and the Corporation's books, and shall make such reports and perform such other duties as are incident to the office of Secretary, or are properly required of him or her by the Board of Directors. The Secretary (or his or her designee) shall keep minutes of all meetings of the Board of Directors and stockholders. The Secretary shall keep a register of the post office address of each stockholder and director and attest certificates for shares of the Corporation, and shall maintain a stock ledger of the Corporation.
 - (e) The Treasurer. The Treasurer shall have the custody of all moneys and securities of the Corporation and shall keep regular books of account. The Treasurer shall disburse the funds of the Corporation in payment of the just demands against the Corporation or as may be ordered by the Board of Directors, taking proper vouchers or receipts for such disbursements, and shall render to the Board of Directors from time to time as may be required an account of all transactions as Treasurer and of the financial condition of the Corporation. The Treasurer shall perform such other duties incident to his or her office or that are properly required of him or her by the Board of Directors.
- 5.4 **Delegation.** In the case of absence or inability to act of any officer of the Corporation and of any person herein authorized to act in such officer's place, the Board of Directors (or, if such officer is one that has been appointed by the Chief Executive Officer, the Chief Executive Officer) may from time to time delegate the powers or duties of such officer to any other officer or other person whom it may in its sole discretion select.
- 5.6 **Vacancies.** Vacancies in any office arising from any cause may be filled by the Board of Directors at any regular or special meeting of the Board of Directors.
- 5.7 **Resignation.** An officer may resign at any time by delivering notice to the Corporation. Such notice shall be effective when delivered unless the notice specifies a later effective date. Unless otherwise specified therein, acceptance of such resignation by the Corporation shall not be necessary to make it effective. Any such resignation shall not affect the Corporation's contract rights, if any, with the officer.
- 5.8 **Removal.** Any officer elected or appointed by the Board of Directors may be removed at any time, with or without cause, by the affirmative vote of a majority of the whole Board of Directors, but such removal shall be without prejudice to the contract rights, if any, of the person so removed. An officer empowered to appoint another officer or assistant officer also has the power with or without cause to remove any officer he or she

would have the power to appoint whenever in his or her judgment the best interests of the Corporation would be served thereby.

- 5.9 **Salaries and Contract Rights.** The salaries, if any, of the officers appointed by the Board of Directors shall be fixed from time to time by the Board of Directors or an applicable committee thereof. The appointment of an officer shall not of itself create contract rights.
- 5.10 **Bonds.** The Board of Directors may, by resolution, require any and all of the officers to give bonds to the Corporation, with sufficient surety or sureties, conditioned for the faithful performance of the duties of their respective offices, and to comply with such other conditions as may from time to time be required by the Board of Directors.

ARTICLE VI

DISTRIBUTIONS AND FINANCE

- 6.1 **Dividends.**
- Dividends upon the capital stock of the Corporation may be declared by the Board of Directors at any regular or special meeting or by written consent, pursuant to law. Dividends may be paid in cash, in property, or in shares of the capital stock, subject to the provisions of the Certificate of Incorporation.
- 6.2 **Depositories.** The monies of the Corporation shall be deposited in the name of the Corporation in such bank or banks or trust company or trust companies as the Board of Directors shall designate, and shall be drawn out only by check or other order for payment of money signed by such persons and in such manner as may be determined by resolution of the Board of Directors.

ARTICLE VII

NOTICES

- 7.1 **Written Notice.** Written notice may be transmitted by mail, private carrier, or personal delivery or telephone, wire, or wireless equipment that transmits a facsimile of the notice and provides the transmitter with an electronically generated receipt. Written notice to a director or the Corporation is effective upon receipt by the director or the Corporation. Written notice to a stockholder is effective the earlier of (a) when mailed, if mailed with first class postage prepaid, correctly addressed to the stockholder at the stockholder's address as it appears on the current record of stockholders of the Corporation and (b) when dispatched by telegraph or facsimile equipment or, if prepaid, by air courier.
- 7.2 **Notice by Electronic Transmission.** Notices to directors and stockholders from the Corporation may be in an electronic transmission given in accordance with applicable law.
- 7.3 **Oral Notice.** Any oral notice given to a director by personal communication over the telephone or otherwise may be communicated either to the director or to a person at the office of the director who, the person giving the notice has reason to believe, will promptly communicate it to the director.

ARTICLE VIII

SEAL

- 8.1 The Corporation may adopt a corporate seal which seal shall be in such form and bear such inscription as may be adopted by resolution of the Board of Directors.

ARTICLE IX

INDEMNIFICATION OF OFFICERS, DIRECTORS, EMPLOYEES AND AGENTS

- 9.1 **Right to Indemnification.** The Corporation shall indemnify and hold harmless, to the fullest extent permitted by applicable law as it presently exists or may hereafter be amended, any person who was or is made or is threatened to be made a party or is otherwise involved in any threatened, pending, or completed action, suit or proceeding, whether civil, criminal, administrative or investigative and whether or not brought by or in the right of the Corporation (a *Proceeding*) by reason of the fact that such person, or any other person for whom such person is the legal representative, is or was a director or officer of the Corporation, or while a director or officer of the Corporation is or was serving at the request of the Corporation as a director, officer, employee or agent of another corporation or of a partnership, joint venture, trust, other enterprise or non-profit entity, including service with respect to employee benefit plans (an *Indemnitee*), against all liability and loss suffered and expenses (including attorneys' fees) reasonably incurred by such Indemnitee if such Indemnitee acted in good faith and in a manner the Indemnitee reasonably believed to be in or not opposed to the best interests of the Corporation, and, with respect to any Proceeding, had no reasonable cause to believe that the Indemnitee's conduct was unlawful. The indemnification provided in this Section 9.1 and the advancement of expenses provided in Section 9.2 of these Bylaws shall, unless otherwise provided when authorized or ratified by the Board of Directors, continue as to an Indemnitee who has ceased to be a director, officer, employee or agent as aforesaid and shall inure to the benefit of the heirs, executors and administrators of such Indemnitee. Any indemnification under this Section 9.1 (unless ordered by a court) shall be made by the Corporation only as authorized in the specific case upon a determination that the indemnification of the Indemnitee is proper in the circumstances because such Indemnitee has met the applicable standard of conduct set forth in this Section. Such determination shall be made, with respect to an Indemnitee who is a director or officer at the time of such determination, (1) by majority vote of the directors who are not party to such Proceeding, even though less than a quorum, or (2) by a committee of such directors designated by majority vote of such directors, even though less than a quorum, or (3) if there are no such directors, or if such directors so direct, by independent legal counsel in a written opinion, or (4) by the stockholders.
- 9.2 **Advancement of Expenses.** The Corporation shall pay the expenses (including attorneys' fees) incurred by an Indemnitee in defending any Proceeding referred to in Section 9.1 of these Bylaws in advance of its final disposition; *provided that* the payment of expenses incurred by an Indemnitee in advance of the final disposition of such Proceeding shall be made only upon receipt of (i) a written affirmation of the Indemnitee's good faith belief that the Indemnitee met the requisite standard of conduct and (ii) an undertaking by the Indemnitee to repay all amounts advanced if it should ultimately be determined that the Indemnitee is not entitled to be indemnified under this Article or otherwise.

- 9.3 **Claims.** If a claim for indemnification or advancement of expenses under this Article is not paid in full within sixty (60) days after a written claim therefore by the Indemnitee has been received by the Corporation, the Indemnitee may file suit to recover the unpaid amount of such claim and, if successful in whole or in part, shall be entitled to be paid the expense of such claim. In any such action the Corporation shall have the burden of proving that the Indemnitee was not entitled to the requested indemnification or advancement of expenses.
- 9.4 **Good Faith Defined.** For purposes of any determination under Section 9.1, a person shall be deemed to have acted in good faith and in a manner such person reasonably believed to be in or not opposed to the best interests of the Corporation, or, with respect to any criminal action or proceeding, to have had no reasonable cause to believe such person's conduct was unlawful, if such person's action is based on good faith reliance on the records or books of account of the Corporation or another enterprise, or on information supplied to such person by the officers of the Corporation or another enterprise in the course of their duties, or on the advice of legal counsel for the Corporation or another enterprise or on information or records given or reports made to the Corporation or another enterprise by an independent certified public accountant or by an appraiser or other expert selected with reasonable care by the Corporation or another enterprise.
- 9.5 **Indemnification of Employees and Agents.** The Corporation may indemnify employees and agents of the Corporation pursuant to this Article IX to the same extent as an Indemnitee.
- 9.6 **Non-exclusivity of Rights.** The right to indemnification under this Article IX for directors, officers, employees and agents shall not be exclusive of any other right which any person may have, or hereafter acquire, under any statute, provision of the Certificate of Incorporation, these Bylaws, other agreement, vote of stockholders or disinterested directors, insurance policy, principles of common law or equity, or otherwise.
- 9.7 **Other Indemnification.** The Corporation's obligation, if any, to indemnify any Indemnitee who was or is serving at its request as a director, officer, employee or agent of another corporation, partnership, joint venture, trust, enterprise or non-profit entity shall be reduced by any amount such Indemnitee may collect as indemnification from such other corporation, partnership, joint venture, trust, enterprise or non-profit entity.
- 9.8 **Amendment or Repeal; Survival.** Any repeal or modification of the foregoing provisions of this Article shall not adversely affect any right or protection hereunder of any Indemnitee in respect of any act or omission occurring prior to the time of such repeal or modification. The indemnification and advancement of expenses provided by, or granted pursuant to, this Article IX shall, unless otherwise provided when authorized or ratified, continue as to a person who has ceased to be a director or officer and shall inure to the benefit of the heirs, executors and administrators of such a person.
- 9.9 **Insurance.** The Corporation may purchase and maintain insurance on behalf of an individual who is or was a director, officer, employee, or agent of the Corporation, or who, while a director, officer, employee, or agent of the Corporation, is or was serving at the request of the Corporation as a director, officer, partner, trustee, employee, or agent of another foreign or domestic corporation, partnership, joint venture, trust, employee benefit plan, or other enterprise, against liability asserted against or incurred by the individual in that capacity or arising from the individual's status as a director, officer, employee, or agent, whether or not the Corporation would have power to indemnify the individual against the same liability under this Article IX.
- 9.10 **Indemnification as a Witness.** This Article IX does not limit a Corporation's power to pay or reimburse expenses incurred by a director in connection with the director's appearance as a witness in a proceeding at a time when the director has not been made a named defendant or respondent to the proceeding.
- 9.11 **Interpretation.** The provisions contained in this Article IX shall be interpreted and applied to provide indemnification to directors, officers, employees and agents of the Corporation to the fullest extent allowed

by applicable law, as such law may be amended, interpreted and applied from time to time. The obligations of the Corporation under this Article IX to indemnify, and advance expenses to, a person who is or was a director or officer of the Corporation shall be considered a contract between the Corporation and such person, and no modification or repeal of any provision of this Article IX shall affect, to the detriment of such person, such obligations of the Corporation in connection with a claim based on any act or failure to act occurring before such modification or repeal.

ARTICLE X

BOOKS AND RECORDS

- 10.1 The Corporation shall maintain appropriate accounting records and shall keep as permanent records minutes of all meetings of its stockholders and Board of Directors, a record of all actions taken by the stockholders or the Board of Directors without a meeting and a record of all actions taken by a committee of the Board of Directors. In addition, the Corporation shall keep at its registered office or principal place of business, or at the office of its transfer agent or registrar, a record of its stockholders, giving the names and addresses of all stockholders in alphabetical order by class of shares showing the number and class of the shares held by each. Any books, records and minutes may be in written form or any other form capable of being converted into written form within a reasonable time.

ARTICLE XI

EXECUTION OF CORPORATION INSTRUMENTS AND VOTING OF SECURITIES OWNED BY THE CORPORATION

- 11.1 **Execution of Corporate Instruments.**
- (a) The Board of Directors may, in its discretion, determine the method and designate the signatory officer or officers, or other person or persons, to execute on behalf of the Corporation any corporate instrument or document, or to sign on behalf of the Corporation the corporate name without limitation, or to enter into contracts on behalf of the Corporation, except where otherwise provided by law or these Bylaws, and such execution or signature shall be binding upon the Corporation.
 - (b) All checks and drafts drawn on banks or other depositories on funds to the credit of the Corporation or in special accounts of the Corporation shall be signed by such person or persons as the Board of Directors shall authorize to do so.
 - (c) Unless authorized or ratified by the Board of Directors or within the agency power of an officer, no officer, agent or employee shall have any power or authority to bind the Corporation by any contract or engagement or to pledge its credit or to render it liable for any purpose or for any amount.
- 11.2 **Voting of Securities Owned by the Corporation.** All stock, equity interests and other securities of other entities owned or held by the Corporation for itself, or for other parties in any capacity, shall be voted, and all proxies with respect thereto shall be executed, by the person authorized to do so by resolution of the Board of Directors, or, in the absence of such authorization, by the Chairperson of the Board of Directors, the Chief Executive Officer, the President or any Vice President.

ARTICLE XII

AMENDMENTS

- 12.1 **By Stockholders.** These Bylaws may be amended or repealed by the stockholders in accordance with the Certificate of Incorporation and applicable law.
- 12.2 **By Directors.** The Board of Directors shall have power to amend or repeal the Bylaws of, or adopt new Bylaws for, the Corporation.
- 12.3 **Emergency Bylaws.** The Board of Directors may adopt emergency Bylaws, subject to repeal or change by action of the stockholders, which shall be operative during any emergency in the conduct of the business of the Corporation resulting from an attack on the United States or on a locality in which the Corporation conducts its business or customarily holds meetings of its Board of Directors or its stockholders, or during any nuclear or atomic disaster, or during the existence of any catastrophe, or other similar emergency condition, as a result of which a quorum of the Board of Directors or a standing committee thereof cannot readily be convened for action.

Adopted Effective January 24, 2018

INDEMNIFICATION AGREEMENT

This Indemnification Agreement ("Agreement"), dated as of the Effective Date, is entered by and between CTI BioPharma Corp., a Delaware corporation (the "Company"), and _____ ("Indemnitee"). This Agreement supersedes and replaces any and all previous Agreements between the Company and Indemnitee covering the subject matter of this Agreement.

RECITALS

WHEREAS, the Board of Directors of the Company (the "Board") believes that highly competent persons have become more reluctant to serve publicly-held corporations as directors, officers or in other capacities unless they are provided with adequate protection through insurance or adequate indemnification against inordinate risks of claims and actions against them arising out of their service to and activities on behalf of the corporation;

WHEREAS, the Board has determined that, in order to attract and retain qualified individuals, the Company will attempt to maintain on an ongoing basis, at its sole expense, liability insurance to protect persons serving the Company and its subsidiaries from certain liabilities. Although the furnishing of such insurance has been a customary and widespread practice among United States-based corporations and other business enterprises, the Company believes that, given current market conditions and trends, such insurance may be available to it in the future only at higher premiums and with more exclusions. At the same time, directors, officers, and other persons in service to corporations or business enterprises are being increasingly subjected to expensive and time-consuming litigation relating to, among other things, matters that traditionally would have been brought only against the Company or business enterprise itself. The By-laws (the "By-laws") and Certificate of Incorporation of the Company the "Certificate of Incorporation") require indemnification of the officers and directors of the Company. Indemnitee may also be entitled to indemnification pursuant to the General Corporation Law of the State of Delaware (the "DGCL"). The By-laws and the DGCL expressly provide that the indemnification provisions set forth therein are not exclusive, and thereby contemplate that contracts may be entered into between the Company and members of the board of directors, officers and other persons with respect to indemnification;

WHEREAS, the uncertainties relating to such insurance and to indemnification may increase the difficulty of attracting and retaining such persons;

WHEREAS, the Board has determined that the increased difficulty in attracting and retaining such persons is detrimental to the best interests of the Company and its stockholders and that the Company should act to assure such persons that there will be increased certainty of such protection in the future;

WHEREAS, it is reasonable, prudent and necessary for the Company contractually to obligate itself to indemnify, and to advance expenses on behalf of, such persons to the fullest extent permitted by applicable law so that they will serve or continue to serve the Company free from undue concern that they will not be so indemnified;

WHEREAS, this Agreement is a supplement to and in furtherance of the By-laws and Certificate of Incorporation and any resolutions adopted pursuant thereto, and shall not be deemed a substitute therefor, nor to diminish or abrogate any rights of Indemnitee thereunder;

WHEREAS, Indemnitee does not regard the protection available under the By-laws and Certificate of Incorporation and insurance as adequate in the present circumstances, and may not be willing to serve or continue to serve as an officer or director without adequate protection, and the Company desires Indemnitee to serve or continue to serve in such capacity. Indemnitee is willing to serve, continue to serve and to take on additional service for or on behalf of the Company on the condition that Indemnitee be so indemnified;

WHEREAS, the Company and Indemnitee are parties to an Indemnity Agreement governed by Washington law (the "Prior Agreement"), and, subsequent to the parties entering into the Prior Agreement, the Company reincorporated from the State of Washington to the State of Delaware on January 24, 2018 (the date and time of such reincorporation, the "Effective Date"); and

WHEREAS, this Agreement amends and restates the Prior Agreement, as set forth herein.

NOW, THEREFORE, in consideration of the premises and the covenants contained herein, the Company and Indemnitee do hereby covenant and agree as follows:

Section 1. Services to the Company. Indemnitee agrees to serve as a [director] [officer] of the Company. Indemnitee may at any time and for any reason resign from such position (subject to any other contractual obligation or any obligation imposed by operation of law), in which event the Company shall have no obligation under this Agreement to continue Indemnitee in such position. This Agreement shall not be deemed an employment contract between the Company (or any of its subsidiaries or any Enterprise) and Indemnitee. Indemnitee specifically acknowledges that Indemnitee's employment with the Company (or any of its subsidiaries or any Enterprise), if any, is at will, and the Indemnitee may be discharged at any time for any reason, with or without cause, except as may be otherwise provided in any written employment contract between Indemnitee and the Company (or any of its subsidiaries or any Enterprise), other applicable formal severance policies duly adopted by the Board, or, with respect to service as a director or officer of the Company, by the Certificate of Incorporation, the Company's By-laws, and the DGCL. The foregoing notwithstanding, this Agreement shall continue in force after Indemnitee has ceased to serve as an [officer] [director] of the Company, as provided in Section 16 hereof.

Section 2. Definitions. As used in this Agreement:

(a) References to "agent" shall mean any person who is or was a director, officer, or employee of the Company or a subsidiary of the Company or other person authorized by the Company to act for the Company, to include such person serving in such capacity as a director, officer, employee, fiduciary or other official of another corporation, partnership, limited liability company, joint venture, trust or other enterprise at the request of, for the convenience of, or to represent the interests of the Company or a subsidiary of the Company.

(b) A "Change in Control" shall be deemed to occur upon the earliest to occur after the date of this Agreement of any of the following events:

i. Acquisition of Stock by Third Party. Any Person (as defined below) is or becomes the Beneficial Owner (as defined below), directly or indirectly, of securities of the Company representing twenty percent (20%) or more of the combined voting power of the Company's then outstanding securities unless the change in relative Beneficial Ownership of the Company's securities by any Person results solely from a reduction in the aggregate number of outstanding shares of securities entitled to vote generally in the election of directors;

ii. Change in Board of Directors. During any period of two (2) consecutive years (not including any period prior to the execution of this Agreement), individuals who at the beginning of such period constitute the Board, and any new director (other than a director designated by a person who has entered into an agreement with the Company to effect a transaction described in Sections 2(b)(i), 2(b)(iii) or 2(b)(iv)) whose election by the Board or nomination for election by the Company's stockholders was approved by a vote of at least two-thirds of the directors then still in office who either were directors at the beginning of the period or whose election or nomination for election was previously so approved, cease for any reason to constitute at least a majority of the members of the Board;

iii. Corporate Transactions. The effective date of a merger or consolidation of the Company with any other entity, other than a merger or consolidation which would result in the voting securities of the Company outstanding immediately prior to such merger or consolidation continuing to represent (either by remaining outstanding or by being converted into voting securities of the surviving entity) more than 51% of the combined voting power of the voting securities of the surviving entity outstanding immediately after such merger or consolidation and with the power to elect at least a majority of the board of directors or other governing body of such surviving entity;

iv. Liquidation. The approval by the stockholders of the Company of a complete liquidation of the Company or an agreement for the sale or disposition by the Company of all or substantially all of the Company's assets; and

v. Other Events. There occurs any other event of a nature that would be required to be reported in response to Item 6(e) of Schedule 14A of Regulation 14A (or a response to any similar item on any similar schedule or form) promulgated under the Exchange Act (as defined below), whether or not the Company is then subject to such reporting requirement.

For purposes of this Section 2(b), the following terms shall have the following meanings:

(A) "Exchange Act" shall mean the Securities Exchange Act of 1934, as amended from time to time.

(B) "Person" shall have the meaning as set forth in Sections 13(d) and 14(d) of the Exchange Act; provided, however, that Person shall exclude (i) the Company, (ii) any trustee or other fiduciary holding securities under an employee benefit plan of the Company, and (iii) any corporation owned, directly or indirectly, by the stockholders of the Company in substantially the same proportions as their ownership of stock of the Company.

(C) "Beneficial Owner" shall have the meaning given to such term in Rule 13d-3 under the Exchange Act; provided, however, that Beneficial Owner shall exclude any Person otherwise becoming a Beneficial Owner by reason of the stockholders of the Company approving a merger of the Company with another entity.

(c) "Corporate Status" describes the status of a person who is or was a director, officer, employee or agent of the Company or of any other corporation, limited liability company, partnership or joint venture, trust or other enterprise which such person is or was serving at the request of the Company.

(d) "Disinterested Director" shall mean a director of the Company who is not and was not a party to the Proceeding in respect of which indemnification is sought by Indemnitee.

(e) "Enterprise" shall mean the Company and any other corporation, limited liability company, partnership, joint venture, trust or other enterprise of which Indemnitee is or was serving at the request of the Company as a director, officer, trustee, partner, managing member, employee, agent or fiduciary.

(f) "Expenses" shall include all reasonable attorneys' fees, retainers, court costs, transcript costs, fees of experts and other professionals, witness fees, travel expenses, duplicating costs, printing and binding costs, telephone charges, postage, delivery service fees, any federal, state, local or foreign taxes imposed on Indemnitee as a result of the actual or deemed receipt of any payments under this Agreement, ERISA excise taxes and penalties, and all other disbursements or expenses of the types customarily incurred in connection with prosecuting, defending, preparing to prosecute or defend, investigating, being or preparing to be a witness in, or otherwise participating in, a Proceeding. Expenses also shall include (i) Expenses incurred in connection with any appeal resulting from any Proceeding, including without limitation the premium, security for, and other costs relating to any cost bond, supersedeas bond, or other appeal bond or its equivalent, and (ii) for purposes of Section 14(d) only, Expenses incurred by Indemnitee in connection with the interpretation, enforcement or defense of Indemnitee's rights under this Agreement, by litigation or otherwise. The parties agree that for the purposes of any advancement of Expenses for which Indemnitee has made written demand to the Company in accordance with this Agreement, all Expenses included in such demand that are certified by affidavit of Indemnitee's counsel as being reasonable in the good faith judgment of such counsel shall be presumed conclusively to be reasonable. Expenses, however, shall not include amounts paid in settlement by Indemnitee or the amount of judgments or fines against Indemnitee.

(g) "Independent Counsel" shall mean a law firm, or a member of a law firm, that is experienced in matters of corporation law and neither presently is, nor in the past five years has been, retained to represent: (i) the Company or Indemnitee in any matter material to either such party (other than with respect to matters concerning the Indemnitee under this Agreement, or of other indemnitees under similar indemnification agreements), or (ii) any other party to the Proceeding giving rise to a claim for indemnification hereunder. Notwithstanding the foregoing, the term "Independent Counsel" shall not include any person who, under the applicable standards of professional conduct then prevailing, would have a conflict of interest in representing either the Company or Indemnitee in an action to determine Indemnitee's rights under this Agreement. The Company agrees to pay the reasonable fees and expenses of the Independent Counsel referred to

above and to fully indemnify such counsel against any and all Expenses, claims, liabilities and damages arising out of or relating to this Agreement or its engagement pursuant hereto.

(h) The term "Proceeding" shall include any threatened, pending or completed action, suit, claim, counterclaim, cross claim, arbitration, mediation, alternate dispute resolution mechanism, investigation, inquiry, administrative hearing or any other actual, threatened or completed proceeding, whether brought in the right of the Company or otherwise and whether of a civil, criminal, administrative, legislative, or investigative (formal or informal) nature, including any appeal therefrom, in which Indemnitee was, is or will be involved as a party, potential party, non-party witness or otherwise by reason of the fact that Indemnitee is or was a director or officer of the Company, by reason of any action taken by Indemnitee (or a failure to take action by Indemnitee) or of any action (or failure to act) on Indemnitee's part while acting pursuant to Indemnitee's Corporate Status, in each case whether or not serving in such capacity at the time any liability or Expense is incurred for which indemnification, reimbursement, or advancement of Expenses can be provided under this Agreement. If the Indemnitee believes in good faith that a given situation may lead to or culminate in the institution of a Proceeding, this shall be considered a Proceeding under this paragraph.

(i) Reference to "other enterprise" shall include employee benefit plans; references to "fines" shall include any excise tax assessed with respect to any employee benefit plan; references to "serving at the request of the Company" shall include any service as a director, officer, employee or agent of the Company which imposes duties on, or involves services by, such director, officer, employee or agent with respect to an employee benefit plan, its participants or beneficiaries; and a person who acted in good faith and in a manner Indemnitee reasonably believed to be in the best interests of the participants and beneficiaries of an employee benefit plan shall be deemed to have acted in a manner "not opposed to the best interests of the Company" as referred to in this Agreement.

Section 3. Indemnity in Third-Party Proceedings. The Company shall indemnify Indemnitee in accordance with the provisions of this Section 3 if Indemnitee is, or is threatened to be made, a party to or a participant in any Proceeding, other than a Proceeding by or in the right of the Company to procure a judgment in its favor, by reason of Indemnitee's Corporate Status. Pursuant to this Section 3, Indemnitee shall be indemnified to the fullest extent permitted by applicable law against all Expenses, judgments, fines and amounts paid in settlement (including all interest, assessments and other charges paid or payable in connection with or in respect of such Expenses, judgments, fines and amounts paid in settlement) actually and reasonably incurred by Indemnitee or on Indemnitee's behalf in connection with such Proceeding or any claim, issue or matter therein, if Indemnitee acted in good faith and in a manner Indemnitee reasonably believed to be in or not opposed to the best interests of the Company and, in the case of a criminal Proceeding had no reasonable cause to believe that Indemnitee's conduct was unlawful. The parties hereto intend that this Agreement shall provide to the fullest extent permitted by law for indemnification in excess of that expressly permitted by statute, including, without limitation, any indemnification provided by the Certificate of Incorporation, the By-laws, vote of its stockholders or disinterested directors or applicable law.

Section 4. Indemnity in Proceedings by or in the Right of the Company. The Company shall indemnify Indemnitee in accordance with the provisions of this Section 4 if Indemnitee is, or

is threatened to be made, a party to or a participant in any Proceeding by or in the right of the Company to procure a judgment in its favor by reason of Indemnitee's Corporate Status. Pursuant to this Section 4, Indemnitee shall be indemnified to the fullest extent permitted by applicable law against all Expenses actually and reasonably incurred by Indemnitee or on Indemnitee's behalf in connection with such Proceeding or any claim, issue or matter therein, if Indemnitee acted in good faith and in a manner Indemnitee reasonably believed to be in or not opposed to the best interests of the Company. No indemnification for Expenses shall be made under this Section 4 in respect of any claim, issue or matter as to which Indemnitee shall have been finally adjudged by a court to be liable to the Company, unless and only to the extent that the Delaware Court (as hereinafter defined) or any court in which the Proceeding was brought shall determine upon application that, despite the adjudication of liability but in view of all the circumstances of the case, Indemnitee is fairly and reasonably entitled to indemnification.

Section 5. Indemnification for Expenses of a Party Who is Wholly or Partly Successful. Notwithstanding any other provisions of this Agreement, to the fullest extent permitted by applicable law and to the extent that Indemnitee is a party to (or a participant in) and is successful, on the merits or otherwise, in any Proceeding or in defense of any claim, issue or matter therein, in whole or in part, the Company shall indemnify Indemnitee against all Expenses actually and reasonably incurred by Indemnitee in connection therewith. If Indemnitee is not wholly successful in such Proceeding but is successful, on the merits or otherwise, as to one or more but less than all claims, issues or matters in such Proceeding, the Company shall indemnify Indemnitee against all Expenses actually and reasonably incurred by Indemnitee or on Indemnitee's behalf in connection with or related to each successfully resolved claim, issue or matter to the fullest extent permitted by law. For purposes of this Section and without limitation, the termination of any claim, issue or matter in such a Proceeding by dismissal, with or without prejudice, shall be deemed to be a successful result as to such claim, issue or matter.

Section 6. Indemnification For Expenses of a Witness. Notwithstanding any other provision of this Agreement, to the fullest extent permitted by applicable law and to the extent that Indemnitee is, by reason of Indemnitee's Corporate Status, a witness or otherwise asked to participate in any Proceeding to which Indemnitee is not a party, Indemnitee shall be indemnified against all Expenses actually and reasonably incurred by Indemnitee or on Indemnitee's behalf in connection therewith.

Section 7. Partial Indemnification. If Indemnitee is entitled under any provision of this Agreement to indemnification by the Company for some or a portion of Expenses, but not, however, for the total amount thereof, the Company shall nevertheless indemnify Indemnitee for the portion thereof to which Indemnitee is entitled.

Section 8. Additional Indemnification.

(a) Notwithstanding any limitation in Sections 3, 4, or 5, the Company shall indemnify Indemnitee to the fullest extent permitted by applicable law if Indemnitee is a party to or threatened to be made a party to any Proceeding (including a Proceeding by or in the right of the Company to procure a judgment in its favor) by reason of Indemnitee's Corporate Status.

(b) For purposes of Section 8(a), the meaning of the phrase "to the fullest extent permitted by applicable law" shall include, but not be limited to:

i. to the fullest extent permitted by the provision of the DGCL that authorizes or contemplates additional indemnification by agreement, or the corresponding provision of any amendment to or replacement of the DGCL, and

ii. to the fullest extent authorized or permitted by any amendments to or replacements of the DGCL adopted after the date of this Agreement that increase the extent to which a corporation may indemnify its officers and directors.

Section 9. Exclusions. Notwithstanding any provision in this Agreement, the Company shall not be obligated under this Agreement to make any indemnification payment in connection with any claim involving Indemnitee:

(a) for which payment has actually been made to or on behalf of Indemnitee under any insurance policy or other indemnity provision, except with respect to any excess beyond the amount paid under any insurance policy or other indemnity provision; or

(b) for (i) an accounting of profits made from the purchase and sale (or sale and purchase) by Indemnitee of securities of the Company within the meaning of Section 16(b) of the Exchange Act (as defined in Section 2(b) hereof) or similar provisions of state statutory law or common law, (ii) any reimbursement of the Company by the Indemnitee of any bonus or other incentive-based or equity-based compensation or of any profits realized by the Indemnitee from the sale of securities of the Company, as required in each case under the Exchange Act (including any such reimbursements that arise from an accounting restatement of the Company pursuant to Section 304 of the Sarbanes-Oxley Act of 2002 (the "Sarbanes-Oxley Act"), or the payment to the Company of profits arising from the purchase and sale by Indemnitee of securities in violation of Section 306 of the Sarbanes-Oxley Act) or (iii) any reimbursement of the Company by Indemnitee of any compensation pursuant to any compensation recoupment or clawback policy adopted by the Board or the compensation committee of the Board, including but not limited to any such policy adopted to comply with stock exchange listing requirements implementing Section 10D of the Exchange Act; or

(c) except as provided in Section 14(d) of this Agreement, in connection with any Proceeding (or any part of any Proceeding) initiated by Indemnitee, including any Proceeding (or any part of any Proceeding) initiated by Indemnitee against the Company or its directors, officers, employees or other indemnitees, unless (i) the Board authorized the Proceeding (or any part of any Proceeding) prior to its initiation or (ii) the Company provides the indemnification, in its sole discretion, pursuant to the powers vested in the Company under applicable law.

Section 10. Advances of Expenses. Notwithstanding any provision of this Agreement to the contrary (other than Section 14(d)), the Company shall advance, to the extent not prohibited by law, the Expenses incurred by Indemnitee in connection with any Proceeding (or any part of any Proceeding) not initiated by Indemnitee or any Proceeding initiated by Indemnitee with the prior approval of the Board as provided in Section 9(c), and such advancement shall be made within thirty (30) days after the receipt by the Company of a statement or statements requesting such advances from time to time, whether prior to or after final disposition of any Proceeding. Advances shall be unsecured and interest free. Advances shall be made without regard to Indemnitee's ability to repay the Expenses and without regard to Indemnitee's ultimate entitlement to indemnification under the other provisions of this Agreement. In accordance with Section 14(d), advances shall

include any and all reasonable Expenses incurred pursuing an action to enforce this right of advancement, including Expenses incurred preparing and forwarding statements to the Company to support the advances claimed. The Indemnitee shall qualify for advances upon the execution and delivery to the Company of this Agreement, which shall constitute an undertaking providing that the Indemnitee undertakes to repay the amounts advanced (without interest) to the extent that it is ultimately determined that Indemnitee is not entitled to be indemnified by the Company. No other form of undertaking shall be required other than the execution of this Agreement. This Section 10 shall not apply to any claim made by Indemnitee for which indemnity is excluded pursuant to Section 9.

Section 11. Procedure for Notification and Defense of Claim.

(a) Indemnitee shall notify the Company in writing of any matter with respect to which Indemnitee intends to seek indemnification or advancement of Expenses hereunder as soon as reasonably practicable following the receipt by Indemnitee of written notice thereof. The written notification to the Company shall include a description of the nature of the Proceeding and the facts underlying the Proceeding. To obtain indemnification under this Agreement, Indemnitee shall submit to the Company a written request, including therein or therewith such documentation and information as is reasonably available to Indemnitee and is reasonably necessary to determine whether and to what extent Indemnitee is entitled to indemnification following the final disposition of such Proceeding. The omission by Indemnitee to notify the Company hereunder will not relieve the Company from any liability which it may have to Indemnitee hereunder or otherwise than under this Agreement, and any delay in so notifying the Company shall not constitute a waiver by Indemnitee of any rights under this Agreement. The Secretary of the Company shall, promptly upon receipt of such a request for indemnification, advise the Board in writing that Indemnitee has requested indemnification.

(b) The Company will be entitled to participate in the Proceeding at its own expense.

Section 12. Procedure Upon Application for Indemnification.

(a) Upon written request by Indemnitee for indemnification pursuant to Section 11(a), a determination, if required by applicable law, with respect to Indemnitee's entitlement thereto shall be made in the specific case: (i) if a Change in Control shall have occurred, by Independent Counsel in a written opinion to the Board, a copy of which shall be delivered to Indemnitee; or (ii) if a Change in Control shall not have occurred, (A) by a majority vote of the Disinterested Directors, even though less than a quorum of the Board, (B) by a committee of Disinterested Directors designated by a majority vote of the Disinterested Directors, even though less than a quorum of the Board, (C) if there are no such Disinterested Directors or, if such Disinterested Directors so direct, by Independent Counsel in a written opinion to the Board, a copy of which shall be delivered to Indemnitee or (D) if so directed by the Board, by the stockholders of the Company; and, if it is so determined that Indemnitee is entitled to indemnification, payment to Indemnitee shall be made within ten (10) days after such determination. Indemnitee shall cooperate with the person, persons or entity making such determination with respect to Indemnitee's entitlement to indemnification, including providing to such person, persons or entity upon reasonable advance request any documentation or information which is not privileged or otherwise protected from disclosure and which is reasonably available to Indemnitee and reasonably necessary to such determination. Any

costs or Expenses (including attorneys' fees and disbursements) incurred by Indemnitee in so cooperating with the person, persons or entity making such determination shall be borne by the Company (irrespective of the determination as to Indemnitee's entitlement to indemnification) and the Company hereby indemnifies and agrees to hold Indemnitee harmless therefrom. The Company promptly will advise Indemnitee in writing with respect to any determination that Indemnitee is or is not entitled to indemnification, including a description of any reason or basis for which indemnification has been denied.

(b) In the event the determination of entitlement to indemnification is to be made by Independent Counsel pursuant to Section 12(a) hereof, the Independent Counsel shall be selected as provided in this Section 12(b). If a Change in Control shall not have occurred, the Independent Counsel shall be selected by the Board, and the Company shall give written notice to Indemnitee advising Indemnitee of the identity of the Independent Counsel so selected. If a Change in Control shall have occurred, the Independent Counsel shall be selected by Indemnitee (unless Indemnitee shall request that such selection be made by the Board, in which event the preceding sentence shall apply), and Indemnitee shall give written notice to the Company advising it of the identity of the Independent Counsel so selected. In either event, Indemnitee or the Company, as the case may be, may, within ten (10) days after such written notice of selection shall have been given, deliver to the Company or to Indemnitee, as the case may be, a written objection to such selection; provided, however, that such objection may be asserted only on the ground that the Independent Counsel so selected does not meet the requirements of "Independent Counsel" as defined in Section 2 of this Agreement, and the objection shall set forth with particularity the factual basis of such assertion. Absent a proper and timely objection, the person so selected shall act as Independent Counsel. If such written objection is so made and substantiated, the Independent Counsel so selected may not serve as Independent Counsel unless and until such objection is withdrawn or the Delaware Court has determined that such objection is without merit. If, within twenty (20) days after the later of submission by Indemnitee of a written request for indemnification pursuant to Section 11(a) hereof and the final disposition of the Proceeding, no Independent Counsel shall have been selected and not objected to, either the Company or Indemnitee may petition the Delaware Court for resolution of any objection which shall have been made by the Company or Indemnitee to the other's selection of Independent Counsel and/or for the appointment as Independent Counsel of a person selected by such court or by such other person as such court shall designate, and the person with respect to whom all objections are so resolved or the person so appointed shall act as Independent Counsel under Section 12(a) hereof. Upon the due commencement of any judicial proceeding or arbitration pursuant to Section 14(a) of this Agreement, Independent Counsel shall be discharged and relieved of any further responsibility in such capacity (subject to the applicable standards of professional conduct then prevailing).

Section 13. Presumptions and Effect of Certain Proceedings.

(a) In making a determination with respect to entitlement to indemnification hereunder, the person or persons or entity making such determination shall, to the fullest extent not prohibited by law, presume that Indemnitee is entitled to indemnification under this Agreement if Indemnitee has submitted a request for indemnification in accordance with Section 11(a) of this Agreement, and the Company shall, to the fullest extent not prohibited by law, have the burden of proof to overcome that presumption in connection with the making by any person, persons or entity of any determination contrary to that presumption. Neither the failure of the Company (including

by its directors or Independent Counsel) to have made a determination prior to the commencement of any action pursuant to this Agreement that indemnification is proper in the circumstances because Indemnitee has met the applicable standard of conduct, nor an actual determination by the Company (including by its directors or Independent Counsel) that Indemnitee has not met such applicable standard of conduct, shall be a defense to the action or create a presumption that Indemnitee has not met the applicable standard of conduct.

(b) Subject to Section 14(e), if the person, persons or entity empowered or selected under Section 12 of this Agreement to determine whether Indemnitee is entitled to indemnification shall not have made a determination within sixty (60) days after receipt by the Company of the request therefor, the requisite determination of entitlement to indemnification shall, to the fullest extent not prohibited by law, be deemed to have been made and Indemnitee shall be entitled to such indemnification, absent (i) a misstatement by Indemnitee of a material fact, or an omission of a material fact necessary to make Indemnitee's statement not materially misleading, in connection with the request for indemnification, or (ii) a prohibition of such indemnification under applicable law; provided, however, that such 60-day period may be extended for a reasonable time, not to exceed an additional thirty (30) days, if the person, persons or entity making the determination with respect to entitlement to indemnification in good faith requires such additional time for the obtaining or evaluating of documentation and/or information relating thereto; and provided, further, that the foregoing provisions of this Section 13(b) shall not apply (i) if the determination of entitlement to indemnification is to be made by the stockholders pursuant to Section 12(a) of this Agreement and if (A) within fifteen (15) days after receipt by the Company of the request for such determination the Board has resolved to submit such determination to the stockholders for their consideration at an annual meeting thereof to be held within seventy-five (75) days after such receipt and such determination is made thereat, or (B) a special meeting of stockholders is called within fifteen (15) days after such receipt for the purpose of making such determination, such meeting is held for such purpose within sixty (60) days after having been so called and such determination is made thereat, or (ii) if the determination of entitlement to indemnification is to be made by Independent Counsel pursuant to Section 12(a) of this Agreement.

(c) The termination of any Proceeding or of any claim, issue or matter therein, by judgment, order, settlement or conviction, or upon a plea of nolo contendere or its equivalent, shall not (except as otherwise expressly provided in this Agreement) of itself adversely affect the right of Indemnitee to indemnification or create a presumption that Indemnitee did not act in good faith and in a manner which Indemnitee reasonably believed to be in or not opposed to the best interests of the Company or, with respect to any criminal Proceeding, that Indemnitee had reasonable cause to believe that Indemnitee's conduct was unlawful.

(d) For purposes of any determination of good faith, Indemnitee shall be deemed to have acted in good faith if Indemnitee's action is based on the records or books of account of the Enterprise, including financial statements, or on information supplied to Indemnitee by the directors or officers of the Enterprise in the course of their duties, or on the advice of legal counsel for the Enterprise or on information or records given or reports made to the Enterprise by an independent certified public accountant or by an appraiser, financial advisor or other expert selected with reasonable care by or on behalf of the Enterprise. The provisions of this Section 13(d) shall not be deemed to be exclusive or to limit in any way the other circumstances in which the Indemnitee may be deemed to have met the applicable standard of conduct set forth in this Agreement.

(e) The knowledge and/or actions, or failure to act, of any director, officer, trustee, partner, managing member, fiduciary, agent or employee of the Enterprise shall not be imputed to Indemnitee for purposes of determining the right to indemnification under this Agreement.

Section 14. Remedies of Indemnitee.

(a) Subject to Section 14(e), in the event that (i) a determination is made pursuant to Section 12 of this Agreement that Indemnitee is not entitled to indemnification under this Agreement, (ii) advancement of Expenses is not timely made pursuant to Section 10 of this Agreement, (iii) no determination of entitlement to indemnification shall have been made pursuant to Section 12(a) of this Agreement within ninety (90) days after receipt by the Company of the request for indemnification, (iv) payment of indemnification is not made pursuant to Section 5, 6 or 7 or the second to last sentence of Section 12(a) of this Agreement within ten (10) days after receipt by the Company of a written request therefor, (v) payment of indemnification pursuant to Section 3, 4 or 8 of this Agreement is not made within ten (10) days after a determination has been made that Indemnitee is entitled to indemnification, or (vi) in the event that the Company or any other person takes or threatens to take any action to declare this Agreement void or unenforceable, or institutes any litigation or other action or Proceeding designed to deny, or to recover from, the Indemnitee the benefits provided or intended to be provided to the Indemnitee hereunder, Indemnitee shall be entitled to an adjudication by a court of Indemnitee's entitlement to such indemnification or advancement of Expenses. Alternatively, Indemnitee, at Indemnitee's option, may seek an award in arbitration to be conducted by a single arbitrator pursuant to the Commercial Arbitration Rules of the American Arbitration Association. Indemnitee shall commence such proceeding seeking an adjudication or an award in arbitration within 180 days following the date on which Indemnitee first has the right to commence such proceeding pursuant to this Section 14(a); provided, however, that the foregoing clause shall not apply in respect of a proceeding brought by Indemnitee to enforce Indemnitee's rights under Section 5 of this Agreement. The Company shall not oppose Indemnitee's right to seek any such adjudication or award in arbitration.

(b) In the event that a determination shall have been made pursuant to Section 12(a) of this Agreement that Indemnitee is not entitled to indemnification, any judicial proceeding or arbitration commenced pursuant to this Section 14 shall be conducted in all respects as a de novo trial, or arbitration, on the merits and Indemnitee shall not be prejudiced by reason of that adverse determination. In any judicial proceeding or arbitration commenced pursuant to this Section 14 the Company shall have the burden of proving Indemnitee is not entitled to indemnification or advancement of Expenses, as the case may be.

(c) If a determination shall have been made pursuant to Section 12(a) of this Agreement that Indemnitee is entitled to indemnification, the Company shall be bound by such determination in any judicial proceeding or arbitration commenced pursuant to this Section 14, absent (i) a misstatement by Indemnitee of a material fact, or an omission of a material fact necessary to make Indemnitee's statement not materially misleading, in connection with the request for indemnification, or (ii) a prohibition of such indemnification under applicable law.

(d) The Company shall, to the fullest extent not prohibited by law, be precluded from asserting in any judicial proceeding or arbitration commenced pursuant to this Section 14 that the procedures and presumptions of this Agreement are not valid, binding and enforceable and shall

stipulate in any such court or before any such arbitrator that the Company is bound by all the provisions of this Agreement. It is the intent of the Company that, to the fullest extent permitted by law, the Indemnitee not be required to incur legal fees or other Expenses associated with the interpretation, enforcement or defense of Indemnitee's rights under this Agreement by litigation or otherwise because the cost and expense thereof would substantially detract from the benefits intended to be extended to the Indemnitee hereunder. The Company shall, to the fullest extent permitted by law, indemnify Indemnitee against any and all Expenses and, if requested by Indemnitee, shall (within ten (10) days after receipt by the Company of a written request therefor) advance, to the extent not prohibited by law, such Expenses to Indemnitee, which are incurred by Indemnitee in connection with any action brought by Indemnitee for indemnification or advancement of Expenses from the Company under this Agreement or under any directors' and officers' liability insurance policies maintained by the Company if, in the case of indemnification, Indemnitee is wholly successful on the underlying claims; if Indemnitee is not wholly successful on the underlying claims, then such indemnification shall be only to the extent Indemnitee is successful on such underlying claims or otherwise as permitted by law, whichever is greater.

(e) Notwithstanding anything in this Agreement to the contrary, no determination as to entitlement of Indemnitee to indemnification under this Agreement shall be required to be made prior to the final disposition of the Proceeding.

Section 15. Non-exclusivity; Survival of Rights; Insurance; Subrogation.

(a) The rights of indemnification and to receive advancement of Expenses as provided by this Agreement shall not be deemed exclusive of any other rights to which Indemnitee may at any time be entitled under applicable law, the Certificate of Incorporation, the By-laws, any agreement, a vote of stockholders or a resolution of directors, or otherwise. No amendment, alteration or repeal of this Agreement or of any provision hereof shall limit or restrict any right of Indemnitee under this Agreement in respect of any action taken or omitted by Indemnitee in Indemnitee's Corporate Status prior to such amendment, alteration or repeal. To the extent that a change in Delaware law, whether by statute or judicial decision, permits greater indemnification or advancement of Expenses than would be afforded currently under the By-laws and Certificate of Incorporation and this Agreement, it is the intent of the parties hereto that Indemnitee shall enjoy by this Agreement the greater benefits so afforded by such change. No right or remedy herein conferred is intended to be exclusive of any other right or remedy, and every other right and remedy shall be cumulative and in addition to every other right and remedy given hereunder or now or hereafter existing at law or in equity or otherwise. The assertion or employment of any right or remedy hereunder, or otherwise, shall not prevent the concurrent assertion or employment of any other right or remedy.

(b) To the extent that the Company maintains an insurance policy or policies providing liability insurance for directors, officers, employees, or agents of the Enterprise, Indemnitee shall be covered by such policy or policies in accordance with its or their terms to the maximum extent of the coverage available for any such director, officer, employee or agent under such policy or policies. If, at the time of the receipt of a notice of a claim pursuant to the terms hereof, the Company has director and officer liability insurance in effect, the Company shall give prompt notice of such claim or of the commencement of a Proceeding, as the case may be, to the insurers in accordance with the procedures set forth in the respective policies. The Company shall

thereafter take all necessary or desirable action to cause such insurers to pay, on behalf of the Indemnitee, all amounts payable as a result of such Proceeding in accordance with the terms of such policies.

(c) In the event of any payment made by the Company under this Agreement, the Company shall be subrogated to the extent of such payment to all of the rights of recovery of Indemnitee, who shall execute all papers required and take all action necessary to secure such rights, including execution of such documents as are necessary to enable the Company to bring suit to enforce such rights.

(d) The Company shall not be liable under this Agreement to make any payment of amounts otherwise indemnifiable (or for which advancement is provided hereunder) hereunder if and to the extent that Indemnitee has otherwise actually received such payment under any insurance policy, contract, agreement or otherwise.

(e) The Company's obligation to indemnify or advance Expenses hereunder to Indemnitee who is or was serving at the request of the Company as a director, officer, trustee, partner, managing member, fiduciary, employee or agent of any other corporation, limited liability company, partnership, joint venture, trust, employee benefit plan or other enterprise shall be reduced by any amount Indemnitee has actually received as indemnification or advancement of Expenses from such other corporation, limited liability company, partnership, joint venture, trust or other enterprise.

Section 16. Duration of Agreement. This Agreement is effective as of the Effective Date and shall continue until and terminate upon the later of: (a) ten (10) years after the date that Indemnitee shall have ceased to serve as a [director] [officer] of the Company] or (b) one (1) year after the final termination of any Proceeding then pending in respect of which Indemnitee is granted rights of indemnification or advancement of Expenses hereunder and of any proceeding commenced by Indemnitee pursuant to Section 14 of this Agreement relating thereto. The indemnification and advancement of expenses rights provided by or granted pursuant to this Agreement shall be binding upon and be enforceable by the parties hereto and their respective successors and assigns (including any direct or indirect successor by purchase, merger, consolidation or otherwise to all or substantially all of the business or assets of the Company), shall continue as to an Indemnitee who has ceased to be a director, officer, employee or agent of the Company or of any other Enterprise, and shall inure to the benefit of Indemnitee and Indemnitee's spouse, assigns, heirs, devisees, executors and administrators and other legal representatives.

Section 17. Severability. If any provision or provisions of this Agreement shall be held to be invalid, illegal or unenforceable for any reason whatsoever: (a) the validity, legality and enforceability of the remaining provisions of this Agreement (including without limitation, each portion of any Section of this Agreement containing any such provision held to be invalid, illegal or unenforceable, that is not itself invalid, illegal or unenforceable) shall not in any way be affected or impaired thereby and shall remain enforceable to the fullest extent permitted by law; (b) such provision or provisions shall be deemed reformed to the extent necessary to conform to applicable law and to give the maximum effect to the intent of the parties hereto; and (c) to the fullest extent possible, the provisions of this Agreement (including, without limitation, each portion of any Section of this Agreement containing any such provision held to be invalid, illegal or unenforceable, that is not itself invalid, illegal or unenforceable) shall be construed so as to give effect to the intent manifested thereby.

Section 18. Enforcement.

(a) The Company expressly confirms and agrees that it has entered into this Agreement and assumed the obligations imposed on it hereby in order to induce Indemnitee to serve as a director or officer of the Company, and the Company acknowledges that Indemnitee is relying upon this Agreement in serving or continuing to serve as a director or officer of the Company.

(b) This Agreement constitutes the entire agreement between the parties hereto with respect to the subject matter hereof and supersedes all prior agreements and understandings, oral, written and implied, between the parties hereto with respect to the subject matter hereof; provided, however, that this Agreement is a supplement to and in furtherance of the Certificate of Incorporation, the By-laws and applicable law, and shall not be deemed a substitute therefor, nor to diminish or abrogate any rights of Indemnitee thereunder.

Section 19. Modification and Waiver. No supplement, modification or amendment of this Agreement shall be binding unless executed in writing by the parties hereto. No waiver of any of the provisions of this Agreement shall be deemed or shall constitute a waiver of any other provisions of this Agreement nor shall any waiver constitute a continuing waiver.

Section 20. Notice by Indemnitee. Indemnitee agrees promptly to notify the Company in writing upon being served with any summons, citation, subpoena, complaint, indictment, information or other document relating to any Proceeding or matter which may be subject to indemnification or advancement of Expenses covered hereunder. The failure of Indemnitee to so notify the Company shall not relieve the Company of any obligation which it may have to the Indemnitee under this Agreement or otherwise.

Section 21. Notices. All notices, requests, demands and other communications under this Agreement shall be in writing and shall be deemed to have been duly given if (a) delivered by hand and receipted for by the party to whom said notice or other communication shall have been directed, (b) mailed by certified or registered mail with postage prepaid, on the third business day after the date on which it is so mailed, (c) mailed by reputable overnight courier and receipted for by the party to whom said notice or other communication shall have been directed or (d) sent by facsimile transmission, with receipt of oral confirmation that such transmission has been received:

(a) If to Indemnitee, at the address indicated on the signature page of this Agreement, or such other address as Indemnitee shall provide to the Company.

(b) If to the Company to

CTI BioPharma Corp.
c/o Chief Financial Officer
3101 Western Avenue, Suite 800
Seattle, Washington 98121

or to any other address as may have been furnished to Indemnitee by the Company.

Section 22. Contribution. To the fullest extent permissible under applicable law, if the indemnification provided for in this Agreement is unavailable to Indemnitee for any reason

whatsoever, the Company, in lieu of indemnifying Indemnitee, shall contribute to the amount incurred by Indemnitee, whether for judgments, fines, penalties, excise taxes, amounts paid or to be paid in settlement and/or for Expenses, in connection with any claim relating to an indemnifiable event under this Agreement, in such proportion as is deemed fair and reasonable in light of all of the circumstances of such Proceeding in order to reflect (i) the relative benefits received by the Company and Indemnitee as a result of the event(s) and/or transaction(s) giving cause to such Proceeding; and/or (ii) the relative fault of the Company (and its directors, officers, employees and agents) and Indemnitee in connection with such event(s) and/or transaction(s).

Section 23. Applicable Law and Consent to Jurisdiction. This Agreement and the legal relations among the parties shall be governed by, and construed and enforced in accordance with, the laws of the State of Delaware, without regard to its conflict of laws rules. Except with respect to any arbitration commenced by Indemnitee pursuant to Section 14(a) of this Agreement, the Company and Indemnitee hereby irrevocably and unconditionally (i) agree that any action or proceeding arising out of or in connection with this Agreement shall be brought only in the Chancery Court of the State of Delaware (the "Delaware Court"), and not in any other state or federal court in the United States of America or any court in any other country, (ii) consent to submit to the exclusive jurisdiction of the Delaware Court for purposes of any action or proceeding arising out of or in connection with this Agreement, (iii) appoint, to the extent such party is not otherwise subject to service of process in the State of Delaware, irrevocably Corporation Service Company, 251 Little Falls Drive, Wilmington, New Castle County, Delaware 19808 as its agent in the State of Delaware as such party's agent for acceptance of legal process in connection with any such action or proceeding against such party with the same legal force and validity as if served upon such party personally within the State of Delaware, (iv) waive any objection to the laying of venue of any such action or proceeding in the Delaware Court, and (v) waive, and agree not to plead or to make, any claim that any such action or proceeding brought in the Delaware Court has been brought in an improper or inconvenient forum.

Section 24. Identical Counterparts. This Agreement may be executed in one or more counterparts, each of which shall for all purposes be deemed to be an original but all of which together shall constitute one and the same Agreement. Only one such counterpart signed by the party against whom enforceability is sought needs to be produced to evidence the existence of this Agreement.

Section 25. Miscellaneous. Use of the masculine pronoun shall be deemed to include usage of the feminine pronoun where appropriate. The headings of this Agreement are inserted for convenience only and shall not be deemed to constitute part of this Agreement or to affect the construction thereof.

IN WITNESS WHEREOF, the parties have caused this Agreement to be signed as of the day and year first above written.

CTI BIOPHARMA CORP.

INDEMNITEE

By: _____
Name: _____
Office: _____

Name: _____
Address: _____

