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

FORM S-8
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933

IOVANCE BIOTHERAPEUTICS, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction of incorporation or organization)

75-3254381
(I.R.S. Employer Identification No.)

825 Industrial Road, Suite 400
San Carlos, California
(Address of Principal Executive Offices)

94070
(Zip Code)

Iovance Biotherapeutics, Inc. Amended and Restated 2021 Inducement Plan
(Full title of the Plan)

Frederick G. Vogt
Interim Chief Executive Officer and General Counsel
Iovance Biotherapeutics, Inc.
825 Industrial Road, Suite 400
San Carlos, California 94070
(650) 260-7120
(Name, address and telephone number, including area code, of agent for service)

Copies to:

Emilio Ragosa
DLA Piper LLP (US)
51 John F. Kennedy Parkway, Suite 120
Short Hills, New Jersey 07078
Telephone: (973) 520-2550

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of "large accelerated filer," "accelerated filer" and "smaller reporting company" in Rule 12b-2 of the Exchange Act.

Large Accelerated filer
Non-accelerated filer

Accelerated filer
Smaller reporting company
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 7(a)(2)(B) of the Securities Act.

PART II

INFORMATION REQUIRED IN THE REGISTRATION STATEMENT

This Registration Statement relates to the registration of an additional 2,000,000 shares (the “Shares”) of Iovance Biotherapeutics, Inc.’s (“Registrant”) common stock, \$0.000041666 par value per share. The Shares are of the same class and relate to the same employee benefit plan, the Iovance Biotherapeutics, Inc. Amended and Restated 2021 Inducement Plan, which was amended and restated effective as of November 22, 2024 (in the form attached hereto as Exhibit 99.1) (the “Inducement Plan”), as those registered pursuant to the Registrant’s registration statement on Form S-8, previously filed with the U.S. Securities and Exchange Commission (the “SEC”) on [September 23, 2021 \(Registration No. 333-259752\)](#), [March 11, 2022 \(Registration No. 333-263503\)](#), [May 10, 2023 \(Registration No. 333-271810\)](#), and [May 10, 2024 \(Registration No. 333-279287\)](#). In accordance with General Instruction E of Form S-8, the contents of the Registrant’s registration statements on Form S-8 filed with the SEC on [September 23, 2021 \(Registration No. 333-259752\)](#), [March 11, 2022 \(Registration No. 333-263503\)](#), [May 10, 2023 \(Registration No. 333-271810\)](#), and [May 10, 2024 \(Registration No. 333-279287\)](#) are incorporated herein by reference (solely to the extent the contents of such registration statement relate to the Inducement Plan) and the information required by Part II is omitted, except as supplemented by the information set forth below.

Item 8. Exhibits.

Exhibit No.	Description
4.1	Certificate of Incorporation of Registrant (incorporated herein by reference to Exhibit 3.3 to Registrant’s Current Report on Form 8-K filed with the SEC on June 2, 2017).
4.2	Certificate of Amendment of Certificate of Incorporation of Registrant (incorporated herein by reference to Exhibit 3.1 to Registrant’s Current Report on Form 8-K filed with the SEC on June 27, 2017).
4.3	Certificate of Amendment of Certificate of Incorporation of Registrant (incorporated herein by reference to Exhibit 3.1 to Registrant’s Current Report on Form 8-K filed with the SEC on June 11, 2019).
4.4	Certificate of Amendment to the Certificate of Incorporation, as amended, of Registrant (incorporated herein by reference to Exhibit 3.1 to Registrant’s Current Report on Form 8-K filed with the SEC on July 10, 2023).
4.5	Fourth Amended and Restated Bylaws (incorporated herein by reference to Exhibit 3.1 to the Registrant’s Current Report on Form 8-K filed with the SEC on March 29, 2024).
4.6	Specimen of Stock Certificate (incorporated herein by reference to Exhibit 4.2 to Registrant’s Annual Report on Form 10-K filed with the SEC on March 12, 2018).
5.1	Opinion of DLA Piper LLP (US) (filed herewith).
23.1	Consent of Independent Registered Public Accounting Firm (filed herewith).
23.2	Consent of DLA Piper LLP (US) (included in Exhibit 5.1).
24	Power of Attorney (contained on the signature page hereto).
99.1	Iovance Biotherapeutics, Inc. Amended and Restated 2021 Inducement Plan (filed herewith).
99.2	Form of Iovance Biotherapeutics, Inc.’s Stock Option Grant Notice and Stock Option Agreement under the 2021 Inducement Plan (incorporated by reference to Exhibit 10.2 to Registrant’s Current Report on Form 8-K filed with the SEC on September 23, 2021).
99.3	Form of Iovance Biotherapeutics, Inc.’s Restricted Stock Unit Grant Notice and Restricted Stock Unit Agreement under the 2021 Inducement Plan (incorporated by reference to Exhibit 10.3 to Registrant’s Current Report on Form 8-K filed with the SEC on September 23, 2021).
107	Filing Fee Table (filed herewith).

SIGNATURE

Pursuant to the requirements of the Securities Act of 1933, the Registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement with respect to the Iovance Biotherapeutics, Inc. Amended and Restated 2021 Inducement Plan, to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of San Carlos, State of California, on December 13, 2024.

Iovance Biotherapeutics, Inc.

By: /s/ Frederick G. Vogt, Ph.D., J.D.

Name: Frederick G. Vogt, Ph.D., J.D.

Title: Interim CEO and President, and General Counsel

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each individual whose signature appears below constitutes and appoints Frederick G. Vogt and Jean-Marc Bellemin, and each of them, his or her true and lawful attorneys-in-fact and agents with full power of substitution, for him or her and in his or her name, place and stead, in any and all capacities, to sign any and all amendments (including post-effective amendments) to this registration statement, and to sign any registration statement for the same offering covered by this registration statement that is to be effective on filing pursuant to Rule 462(b) promulgated under the Securities Act of 1933 and all post-effective amendments thereto, and to file the same, with all exhibits thereto and all documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing requisite and necessary to be done in and about the premises, as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or his or her or their substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, this Registration Statement has been signed by the following persons in the capacities indicated on December 13, 2024.

<u>Signature</u>	<u>Title</u>
<u>/s/ Frederick G. Vogt</u> Frederick G. Vogt, Ph.D., J.D.	Interim Chief Executive Officer and President, General Counsel, and Director (Principal Executive Officer)
<u>/s/ Jean-Marc Bellemin</u> Jean-Marc Bellemin	Chief Financial Officer and Treasurer (Principal Financial and Accounting Officer)
<u>/s/ Iain Dukes, D. Phil.</u> Iain Dukes, D. Phil.	Director
<u>/s/ Athena Countouriotis, M.D.</u> Athena Countouriotis, M.D.	Director
<u>/s/ Ryan Maynard</u> Ryan Maynard	Director
<u>/s/ Wayne Rothbaum</u> Wayne Rothbaum	Director
<u>/s/ Michael Weiser, M.D., Ph.D.</u> Michael Weiser, M.D., Ph.D.	Director
<u>/s/ Wendy Yarno</u> Wendy Yarno	Director



DLA Piper LLP (US)
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Short Hills, New Jersey 07078
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T: 973-520-2550
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Attorney Responsible for Short Hills Office:
Emilio Ragosa

December 13, 2024

Iovance Biotherapeutics, Inc.
825 Industrial Road, Suite 400
San Carlos, California 94070

RE: Iovance Biotherapeutics, Inc. - Registration Statement on Form S-8

Ladies and Gentlemen:

We have acted as counsel to Iovance Biotherapeutics, Inc., a Delaware corporation (the “**Company**”), in connection with the preparation of a Registration Statement on Form S-8 (the “**Registration Statement**”) under the Securities Act of 1933, as amended (the “**Act**”). The Registration Statement relates to the registration of an aggregate of 2,000,000 shares (the “**Plan Shares**”) of the Company’s common stock, \$0.000041666 par value per share, that may be issued pursuant to the Iovance Biotherapeutics, Inc. Amended and Restated 2021 Inducement Plan, as amended (the “**Plan**”), as referenced in the Registration Statement.

In connection with this opinion letter, we have examined the Registration Statement and originals, or copies certified or otherwise identified to our satisfaction, of the Certificate of Incorporation, as amended, and the Fourth Amended and Restated Bylaws of the Company and such other documents, records and other instruments as we have deemed appropriate for purposes of the opinion set forth herein.

We have assumed the genuineness of all signatures, the legal capacity of all natural persons, the authenticity of the documents submitted to us as originals, the conformity with the originals of all documents submitted to us as certified, facsimile, or photostatic copies, and the authenticity of the originals of all documents submitted to us as copies.

Based upon the foregoing, we are of the opinion that the Plan Shares have been duly authorized and, when and to the extent issued in accordance with the terms of the Plan and any award agreement entered into under the Plan, the Plan Shares will be validly issued, fully paid, and nonassessable.

The opinion expressed herein is limited to the Delaware General Corporation Law.

We hereby consent to the use of this opinion as Exhibit 5.1 to the Registration Statement. In giving such consent, we do not hereby admit that we are acting within the category of persons whose consent is required under Section 7 of the Act or the rules or regulations of the U.S. Securities and Exchange Commission thereunder.

Very truly yours,

/s/ DLA Piper LLP (US)

DLA Piper LLP (US)

CONSENT OF INDEPENDENT REGISTERED PUBLIC ACCOUNTING FIRM

We consent to the incorporation by reference in the Registration Statement (Form S-8) pertaining to the Iovance Biotherapeutics, Inc. Amended and Restated 2021 Inducement Plan of our reports dated February 28, 2024, with respect to the consolidated financial statements of Iovance Biotherapeutics, Inc. and the effectiveness of internal control over financial reporting of Iovance Biotherapeutics, Inc. included in its Annual Report (Form 10-K) for the year ended December 31, 2023, filed with the Securities and Exchange Commission.

/s/ Ernst & Young LLP

San Mateo, California
December 13, 2024

IOVANCE BIOTHERAPEUTICS, INC. AMENDED AND RESTATED 2021 INDUCEMENT PLAN

IOVANCE BIOTHERAPEUTICS, INC.

AMENDED AND RESTATED 2021 INDUCEMENT EQUITY INCENTIVE PLAN

1. **Purpose.** The Iovance Biotherapeutics, Inc. Amended and Restated 2021 Inducement Equity Incentive Plan (as amended from time to time, the “**Plan**”) amends and restates, in its entirety, the Iovance Biotherapeutics, Inc. 2021 Inducement Equity Incentive Plan (as originally adopted by the Board of Directors of the Company on September 22, 2021) and is intended to help Iovance Biotherapeutics, Inc., a Delaware corporation (including any successor thereto, the “**Company**”), and its Affiliates attract new employees by providing them the opportunity to acquire an equity interest in the Company or other incentive compensation measured by reference to the value of Common Stock and to align the interests of key personnel with those of the Company’s stockholders. The purpose of the Plan is to provide an Award (as defined below) to individuals as an inducement material to the individual’s entering into employment with the Company, who are not previously employees or non-employee directors of the Company. The only persons eligible to receive grants of Awards under this Plan are individuals who satisfy the standards for inducement grants under Nasdaq Marketplace Rule 5635(c)(4) or 5635(c)(3), if applicable, and the related guidance under Nasdaq IM 5635-1. A person who previously served as an employee or director will not be eligible to receive Awards under the Plan, other than following a *bona fide* period of non-employment. These Awards must be approved by either a majority of the Company’s “Independent Directors” (as such term is defined in Nasdaq Marketplace Rule 5605(a)(2)) (“**Independent Directors**”) or the Committee (as defined below), provided the Committee is comprised solely of Independent Directors of the Company in order to comply with the exemption from the stockholder approval requirement for “inducement grants” provided under Rule 5635(c)(4) of the Nasdaq Marketplace Rules.

2. **Effective Date; Duration.** The Plan will become effective upon the date (the “**Effective Date**”) that the Plan is approved by the board of directors of the Company. The expiration date of the Plan, on and after which date no Awards may be granted, shall be the tenth anniversary of the Effective Date; provided, however, that such expiration shall not affect Awards then outstanding, and the terms and conditions of the Plan shall continue to apply to such Awards.

3. **Definitions.** When used herein, the following capitalized terms shall have the meanings indicated, and their plural forms shall have the pluralized forms of their meanings indicated:

(a) “**Affiliate**” means any person or entity that directly or indirectly controls, is controlled by, or is under common control with, the Company. The term “control” (including, with correlative meaning, the terms “controlled by” and “under common control with”), as applied to any person or entity, means the possession, directly or indirectly, of the power to direct or cause the direction of the management and policies of such person or entity, whether through the ownership of voting or other securities, by contract or otherwise.

(b) “**Award**” means any Nonqualified Stock Option, Stock Appreciation Right, Restricted Stock, Restricted Stock Unit, or Other Stock-Based Award granted under the Plan.

(c) “**Award Agreement**” means the agreement (whether in written or electronic form) or other instrument or document evidencing any Award granted under the Plan.

(d) “**Beneficial Ownership**” has the meaning set forth in Rule 13d-3 promulgated under Section 13 of the Exchange Act.

(e) “**Board**” means the Board of Directors of the Company.

(f) “Cause” in the case of a particular Award, unless the applicable Award Agreement states otherwise, (i) shall have the meaning given such term (or term of similar import) in any employment, consulting, change-in-control, severance or any other agreement between the Participant and the Company or any of its Affiliates, or severance plan in which the Participant is eligible to participate, in either case in effect at the time of the Participant’s termination of employment or service with the Company and its Affiliates, or (ii) if “cause” (or term of similar import) is not defined in, or in the absence of, any such employment, consulting, change-in-control, severance or any other agreement between the Participant and the Company or any of its Affiliates, or severance plan in which the Participant is eligible to participate, means: (A) the Participant’s conviction of, or entry of a plea of no contest to (x) a felony or (y) a misdemeanor involving moral turpitude, (B) the Participant’s gross negligence or willful misconduct, or a willful failure to attempt in good faith to substantially perform his or her duties (other than due to physical illness or incapacity), (C) the Participant’s material breach of a material provision of any employment agreement, consulting agreement, directorship agreement or similar services agreement or offer letter between the Participant and the Company or any of its Affiliates, or any non-competition, non-disclosure or non-solicitation agreement with the Company or any of its Affiliates, (D) the Participant’s material violation of any written policies adopted by the Company or any of its Affiliates governing the conduct of persons performing services on behalf of the Company or any of its Affiliates, (E) the Participant’s obtaining any material improper personal benefit as result of breach by the Participant of any covenant or agreement (including a breach by the Participant of the Company’s code of ethics or a material breach by the Participant of other written policies furnished to the Participant relating to personal investment transactions) of which the Participant was or should have been aware, (F) the Participant’s fraud or misappropriation, embezzlement or material misuse of funds or property belonging to the Company or any of its Affiliates, (G) the Participant’s use of alcohol or drugs that materially interferes with the performance of his or her duties, or (H) willful or reckless misconduct in respect of the Participant’s obligations to the Company or its Affiliates or other acts of misconduct by the Participant occurring during the course of the Participant’s employment or service that in either case results in or could reasonably be expected to result in material damage to the property, business or reputation of the Company or its Affiliates. Notwithstanding anything to the contrary herein, and except where provided otherwise by an applicable agreement, if, within six (6) months following a Participant’s termination of employment or service for any reason other than by the Company for Cause, the Company determines that such Participant’s termination of employment or service could have been for Cause, such Participant’s termination of employment or service will be deemed to have been for Cause for all purposes, and such Participant will be required to disgorge to the Company all amounts received under this Plan, any Award Agreement or otherwise that would not have been payable to such Participant had such termination of employment or service been by the Company for Cause. The determination of whether Cause exists shall be made by the Committee in its sole discretion.

(g) “Change in Control” means, in the case of a particular Award, unless the applicable Award Agreement (or any employment, consulting, change-in-control, severance or other agreement between the Participant and the Company or any of its Affiliates) states otherwise, the first to occur of any of the following events:

(i) the acquisition by any Person or related “group” (as such term is used in Section 13(d) and Section 14(d) of the Exchange Act) of Persons, or Persons acting jointly or in concert, of Beneficial Ownership (including control or direction) of 50% or more (on a fully diluted basis) of either (A) the then-outstanding shares of Common Stock, including Common Stock issuable upon the exercise of options or warrants, the conversion of convertible stock or debt, and the exercise of any similar right to acquire such Common Stock (the “**Outstanding Company Common Stock**”), or (B) the combined voting power of the then-outstanding voting securities of the Company entitled to vote in the election of directors (the “**Outstanding Company Voting Securities**”), but excluding any acquisition by the Company or any of its Affiliates or by any employee benefit plan sponsored or maintained by the Company or any of its Affiliates;

(ii) a change in the composition of the Board such that members of the Board during any consecutive 12-month period (the “**Incumbent Directors**”) cease to constitute a majority of the Board. Any person becoming a director through election or nomination for election approved by a valid vote of at least two thirds of the Incumbent Directors shall be deemed an Incumbent Director; provided, however, that no individual becoming a director as a result of an actual or threatened election contest, as such terms are used in Rule 14a-12 of Regulation 14A promulgated under the Exchange Act, or as a result of any other actual or threatened solicitation of proxies or consents by or on behalf of any person other than the Board, shall be deemed an Incumbent Director;

(iii) the approval by the stockholders of the Company of a plan of complete dissolution or liquidation of the Company; and

(iv) the consummation of a reorganization, recapitalization, merger, amalgamation, consolidation, statutory share exchange or similar form of corporate transaction involving the Company (a “**Business Combination**”), or sale, transfer or other disposition of all or substantially all of the business or assets of the Company to an entity that is not an Affiliate of the Company (a “**Sale**”), unless immediately following such Business Combination or Sale: (A) more than 50% of the total voting power of the entity resulting from such Business Combination or the entity that acquired all or substantially all of the business or assets of the Company in such Sale (in either case, the “**Surviving Company**”), or the ultimate parent entity that has Beneficial Ownership of sufficient voting power to elect a majority of the board of directors (or analogous governing body) of the Surviving Company (the “**Parent Company**”), is represented by the Outstanding Company Voting Securities that were outstanding immediately prior to such Business Combination or Sale (or, if applicable, is represented by shares into which the Outstanding Company Voting Securities were converted pursuant to such Business Combination or Sale), and such voting power among the holders thereof is in substantially the same proportion as the voting power of the Outstanding Company Voting Securities among the holders thereof immediately prior to the Business Combination or Sale, (B) no Person (other than any employee benefit plan sponsored or maintained by the Surviving Company or the Parent Company) is or becomes the beneficial owner, directly or indirectly, of 50% or more of the total voting power of the outstanding voting securities eligible to elect members of the board of directors (or the analogous governing body) of the Parent Company (or, if there is no Parent Company, the Surviving Company), and (C) at least a majority of the members of the board of directors (or the analogous governing body) of the Parent Company (or, if there is no Parent Company, the Surviving Company) following the consummation of the Business Combination or Sale were Board members at the time of the Board’s approval of the execution of the initial agreement providing for such Business Combination or Sale.

(h) “**Code**” means the U.S. Internal Revenue Code of 1986, as amended, and any successor thereto. References to any section of the Code shall be deemed to include any regulations or other interpretative guidance under such section, and any amendments or successors thereto.

(i) “**Committee**” means the Compensation Committee of the Board or a subcommittee thereof if required with respect to actions taken to comply with Rule 16b-3 promulgated under the Exchange Act in respect of Awards or, if no such Compensation Committee or subcommittee thereof exists, or if the Board otherwise takes action hereunder on behalf of the Committee, the Board.

(j) “**Common Stock**” means the common stock of the Company, par value \$0.000041666 per share (and any stock or other securities into which such common stock may be converted or into which it may be exchanged).

(k) “**Disability**” means cause for termination of the Participant’s employment or service due to a determination that the Participant is disabled in accordance with a long-term disability insurance program maintained by the Company or a determination by the U.S. Social Security Administration that the Participant is totally disabled.

(l) “**\$**” shall refer to the United States dollars.

(m) “**Eligible Director**” means a director who satisfies the conditions set forth in Section 4(a) of the Plan.

(n) “**Eligible Person**” means any (i) individual employed by the Company or a Subsidiary; provided, however, that no such employee covered by a collective bargaining agreement shall be an Eligible Person, (ii) director or officer of the Company or a Subsidiary, (iii) consultant or advisor to the Company or an Affiliate who may be offered securities registrable on Form S-8 under the Securities Act, or (iv) prospective employee, director, officer, consultant or advisor who has accepted an offer of employment or service from the Company or its Subsidiaries (and would satisfy the provisions of clause (i), (ii) or (iii) above once such individual begins employment with or providing services to the Company or a Subsidiary).

(o) “**Exchange Act**” means the U.S. Securities Exchange Act of 1934, as amended, and any successor thereto. References to any section of (or rule promulgated under) the Exchange Act shall be deemed to include any rules, regulations or other interpretative guidance under such section or rule, and any amendments or successors thereto.

(p) “**Exercise Price**” has the meaning set forth in Section 7(b) of the Plan.

(q) “**Fair Market Value**” means, (i) with respect to Common Stock on a given date, (x) if the Common Stock is listed on a national securities exchange, the closing sales price of a share of Common Stock reported on such exchange on such date, or if there is no such sale on that date, then on the last preceding date on which such a sale was reported, or (y) if the Common Stock is not listed on any national securities exchange, the amount determined by the Committee in good faith to be the fair market value of the Common Stock, or (ii) with respect to any other property on any given date, the amount determined by the Committee in good faith to be the fair market value of such other property as of such date.

(r) “**Immediate Family Members**” has the meaning set forth in Section 14(b)(ii) of the Plan.

(s) “**Indemnifiable Person**” has the meaning set forth in Section 4(e) of the Plan.

(t) “**NASDAQ**” means The Nasdaq Stock Market LLC.

(u) “**Nonqualified Stock Option**” means an Option that is not designated by the Committee as an incentive stock option as described in Section 422 of the Code.

(v) “**Option**” means an Award granted under Section 7 of the Plan.

(w) “**Option Period**” has the meaning set forth in Section 7(c) of the Plan.

(x) “**Other Stock-Based Award**” means an Award granted under Section 10 of the Plan.

(y) “**Participant**” has the meaning set forth in Section 6 of the Plan.

(z) “**Permitted Transferee**” has the meaning set forth in Section 14(b)(ii) of the Plan.

(aa) “**Person**” has the meaning given in Section 3(a)(9) of the Exchange Act, as modified and used in Sections 13(d) and 14(d) thereof, except that such term shall not include (i) the Company or any of its Subsidiaries, (ii) a trustee or other fiduciary holding securities under an employee benefit plan of the Company or any of its Affiliates, (iii) an underwriter temporarily holding securities pursuant to an offering of such securities, or (iv) a corporation owned, directly or indirectly, by the stockholders of the Company in substantially the same proportions as their ownership of Common Stock of the Company.

(bb) “**Released Unit**” has the meaning set forth in Section 9(d)(ii) of the Plan.

(cc) “**Restricted Period**” has the meaning set forth in Section 9(a) of the Plan.

(dd) “**Restricted Stock**” means an Award of Common Stock, subject to certain specified restrictions, granted under Section 9 of the Plan.

(ee) “**Restricted Stock Unit**” means an Award of an unfunded and unsecured promise to deliver shares of Common Stock, cash, other securities or other property, subject to certain specified restrictions, granted under Section 9 of the Plan.

(ff) “**SAR Period**” has the meaning set forth in Section 8(c) of the Plan.

(gg) “**Securities Act**” means the U.S. Securities Act of 1933, as amended, and any successor thereto. Reference in the Plan to any section of (or rule promulgated under) the Securities Act shall be deemed to include any rules, regulations or other interpretative guidance under such section or rule, and any amendments or successor provisions to such section, rules, regulations or other interpretive guidance.

(hh) “**Strike Price**” has the meaning set forth in Section 8(b) of the Plan.

(ii) “**Stock Appreciation Right**” or “SAR” means an Award granted under Section 8 of the Plan.

(jj) “**Subsidiary**” means any corporation or other entity a majority of whose outstanding voting stock or voting power is beneficially owned directly or indirectly by the Company.

(kk) “**Substitute Awards**” has the meaning set forth in Section 5(e) of the Plan.

4. Administration.

(a) The Plan shall be administered by the Committee or, in the Board's sole discretion, by the Board. Subject to the terms of the Plan, the Committee (or the Board) shall have the sole and plenary authority to (i) designate Participants, (ii) determine the type, size, and terms and conditions of Awards to be granted and to grant such Awards, (iii) determine the method by which an Award may be settled, exercised, canceled, forfeited, suspended, or repurchased by the Company, (iv) determine the circumstances under which the delivery of cash, property or other amounts payable with respect to an Award may be deferred, either automatically or at the Participant's or Committee's election, (v) interpret, administer, reconcile any inconsistency in, correct any defect in and supply any omission in the Plan and any Award granted under the Plan, (vi) establish, amend, suspend, or waive any rules and regulations and appoint such agents as the Committee shall deem appropriate for the proper administration of the Plan, (vii) accelerate the vesting, delivery or exercisability of, or payment for or lapse of restrictions on, or waive any condition in respect of, Awards, and (viii) make any other determination and take any other action that the Committee deems necessary or desirable for the administration of the Plan or to comply with any applicable law. To the extent required to comply with the provisions of Rule 16b-3 promulgated under the Exchange Act (if applicable and if the Board is not acting as the Committee under the Plan), or any exception or exemption under applicable securities laws or the applicable NASDAQ rules or the rules of any other securities exchange or inter-dealer quotation service on which the Common Stock is listed or quoted, as applicable, it is intended that each member of the Committee shall, at the time such member takes any action with respect to an Award under the Plan, be (1) a “non-employee director” within the meaning of Rule 16b-3 promulgated under the Exchange Act or (2) an “independent director” under NASDAQ rules or the rules of any other securities exchange or inter-dealer quotation service on which the Common Stock is listed or quoted, or a person meeting any similar requirement under any successor rule or regulation (“**Eligible Director**”). However, the fact that a Committee member shall fail to qualify as an Eligible Director shall not invalidate any Award granted or action taken by the Committee that is otherwise validly granted or taken under the Plan.

(b) The Committee may delegate all or any portion of its responsibilities and powers to any persons selected by it, except for grants of Awards to persons who are non-employee members of the Board or are otherwise subject to Section 16 of the Exchange Act. Any such delegation may be revoked by the Committee at any time.

(c) As further set forth in Section 14(f) of the Plan, the Committee shall have the authority to amend the Plan and Awards to the extent necessary to permit participation in the Plan by Eligible Persons who are located outside of the United States on terms and conditions comparable to those afforded to Eligible Persons located within the United States; provided, however, that no such action shall be taken without stockholder approval if such approval is required by applicable securities laws or regulation or NASDAQ rules or the rules of any other securities exchange or inter-dealer quotation service on which the Common Stock is listed or quoted.

(d) Unless otherwise expressly provided in the Plan, all designations, determinations, interpretations, and other decisions regarding the Plan or any Award or any documents evidencing Awards granted pursuant to the Plan shall be within the sole discretion of the Committee, may be made at any time and shall be final, conclusive and binding upon all persons and entities, including, without limitation, the Company, any Affiliate, any Participant, any holder or beneficiary of any Award, and any stockholder of the Company.

(e) No member of the Board or the Committee, nor any employee or agent of the Company (each such person, an “**Indemnifiable Person**”), shall be liable for any action taken or omitted to be taken or any determination made with respect to the Plan or any Award hereunder (unless constituting fraud or a willful criminal act or willful criminal omission). Each Indemnifiable Person shall be indemnified and held harmless by the Company against and from any loss, cost, liability, or expense (including attorneys’ fees) that may be imposed upon or incurred by such Indemnifiable Person in connection with or resulting from any action, suit or proceeding to which such Indemnifiable Person may be involved as a party, witness or otherwise by reason of any action taken or omitted to be taken or determination made under the Plan or any Award Agreement and against and from any and all amounts paid by such Indemnifiable Person with the Company’s approval (not to be unreasonably withheld), in settlement thereof, or paid by such Indemnifiable Person in satisfaction of any judgment in any such action, suit or proceeding against such Indemnifiable Person, and the Company shall advance to such Indemnifiable Person any such expenses promptly upon written request (which request shall include an undertaking by the Indemnifiable Person to repay the amount of such advance if it shall ultimately be determined as provided below that the Indemnifiable Person is not entitled to be indemnified); provided, that the Company shall have the right, at its own expense, to assume and defend any such action, suit or proceeding, and once the Company gives notice of its intent to assume the defense, the Company shall have sole control over such defense with counsel of recognized standing of the Company’s choice. The foregoing right of indemnification shall not be available to an Indemnifiable Person to the extent that a final judgment or other final adjudication (in either case not subject to further appeal) binding upon such Indemnifiable Person determines that the acts or omissions or determinations of such Indemnifiable Person giving rise to the indemnification claim resulted from such Indemnifiable Person’s fraud or willful criminal act or willful criminal omission or that such right of indemnification is otherwise prohibited by law or by the Company’s certificate of incorporation or by-laws. The foregoing right of indemnification shall not be exclusive of or otherwise supersede any other rights of indemnification to which such Indemnifiable Persons may be entitled under the Company’s certificate of incorporation or by-laws, as a matter of law, individual indemnification agreement or contract or otherwise, or any other power that the Company may have to indemnify such Indemnifiable Persons or hold them harmless.

(f) The Board may at any time and from time to time grant Awards and administer the Plan with respect to such Awards. In any such case, the Board shall have all the authority granted to the Committee under the Plan.

5. Grant of Awards; Shares Subject to the Plan; Limitations.

(a) Awards. The Committee may grant Awards to one or more Eligible Persons.

(b) Share Limits. Subject to adjustment as provided in the Plan, no more than 4,750,000 shares of Common Stock may be reserved for issuance and delivered in the aggregate pursuant to Awards granted under the Plan (the “**Share Pool**”).

(c) Share Counting. The Share Pool shall be reduced, on the date of grant, by the relevant number of shares of Common Stock for each Award granted under the Plan that is valued by reference to a share of Common Stock; provided that Awards that are valued by reference to shares of Common Stock but are required to be paid in cash pursuant to their terms shall not reduce the Share Pool. If and to the extent that Awards originating from the Share Pool terminate, expire, or are canceled, forfeited, exchanged, or surrendered without having been exercised, vested, or settled, the shares of Common Stock subject to such Awards shall again be available for Awards under the Share Pool. Notwithstanding the foregoing, the following shares of Common Stock shall not become available for issuance under the Plan: (i) shares of Common Stock tendered by Participants, or withheld by the Company, as full or partial payment to the Company upon the exercise of Stock Options granted under the Plan; (ii) shares of Common Stock reserved for issuance upon the grant of Stock Appreciation Rights, to the extent that the number of reserved shares of Common Stock exceeds the number of shares of Common Stock actually issued upon the exercise of the Stock Appreciation Rights; and (iii) shares of Common Stock withheld by, or otherwise remitted to, the Company to satisfy a Participant’s tax withholding obligations upon the lapse of restrictions on, settlement of, or exercise of Awards granted under the Plan.

(d) Source of Shares. Shares of Common Stock delivered by the Company in settlement of Awards may be authorized and unissued shares, shares held in the treasury of the Company, shares purchased on the open market or by private purchase, or a combination of the foregoing.

(e) Substitute Awards. The Committee may grant Awards in assumption of, or in substitution for, outstanding awards previously granted by the Company or any Affiliate or an entity directly or indirectly acquired by the Company or with which the Company combines (“**Substitute Awards**”), and such Substitute Awards shall not be counted against the aggregate number of shares of Common Stock available for Awards.

6. Eligibility. Participation shall be limited to Eligible Persons who have been selected by the Committee and who have entered into an Award Agreement with respect to an Award granted to them under the Plan (each such Eligible Person, a “**Participant**”).

7. Options.

(a) Generally. Each Option shall be subject to the conditions set forth in the Plan and in the applicable Award Agreement. All Options granted under the Plan shall be Nonqualified Stock Options unless the Award Agreement expressly states otherwise.

(b) Exercise Price. The exercise price (“**Exercise Price**”) per share of Common Stock for each Option (that is not a Substitute Award) shall not be less than 100% of the Fair Market Value of such share, determined as of the date of grant. Any modification to the Exercise Price of an outstanding Option shall be subject to the prohibition on repricing set forth in Section 13(b).

(c) Vesting, Exercise and Expiration. The Committee shall determine the manner and timing of vesting, exercise and expiration of Options. The period between the date of grant and the scheduled expiration date of the Option (“**Option Period**”) shall not exceed ten years, unless the Option Period would expire at a time when trading in the shares of Common Stock is prohibited by the Company’s insider-trading policy or a Company-imposed “blackout period,” in which case the Option Period shall be extended automatically until the 30th day following the expiration of such prohibition (so long as such extension shall not violate Section 409A of the Code). The Committee may accelerate the vesting and/or exercisability of any Option, which acceleration shall not affect any other terms and conditions of such Option.

(d) Method of Exercise and Form of Payment. No shares of Common Stock shall be delivered pursuant to any exercise of an Option until the Participant has paid the Exercise Price to the Company in full, and an amount equal to any U.S. federal, state and local income and employment taxes and non-U.S. income and employment taxes, social contributions and any other tax-related items required to be withheld. Options may be exercised by delivery of written or electronic notice of exercise to the Company or its designee (including a third-party administrator) in accordance with the terms of the Option and the Award Agreement accompanied by payment of the Exercise Price and such applicable taxes. The Exercise Price and delivery of all applicable required withholding taxes shall be payable (i) in cash, by check or cash equivalent, or (ii) by such other method as elected by the Participant and that the Committee may permit, in its sole discretion, including without limitation: (A) shares of Common Stock valued at the Fair Market Value at the time the Option is exercised (including, pursuant to procedures approved by the Committee, by means of attestation of ownership of a sufficient number of shares of Common Stock in lieu of actual delivery of such shares to the Company) or any combination of the foregoing; provided, that such shares of Common Stock are not subject to any pledge or other security interest; (B) in the form of other property having a Fair Market Value on the date of exercise equal to the Exercise Price and all applicable required withholding taxes; (C) if there is a public market for the shares of Common Stock at such time, by means of a broker-assisted “cashless exercise” pursuant to which the Company or its designee (including third-party administrators) is delivered a copy of irrevocable instructions to a stockbroker to sell the shares of Common Stock otherwise deliverable upon the exercise of the Option and to deliver promptly to the Company an amount equal to the Exercise Price and all applicable required withholding taxes against delivery of the shares of Common Stock to settle the applicable trade; or (D) by means of a “net exercise” procedure effected by withholding the minimum number of shares of Common Stock otherwise deliverable in respect of an Option that are needed to pay for the Exercise Price and up to the maximum required withholding taxes. In all events of cashless or net exercise, any fractional shares of Common Stock shall be settled in cash.

(e) Compliance with Laws. Notwithstanding the foregoing, in no event shall the Participant be permitted to exercise an Option in a manner that the Committee determines would violate the Sarbanes-Oxley Act of 2002, or any other applicable law or the applicable rules and regulations of the Securities and Exchange Commission or the applicable rules and regulations of any securities exchange or inter-dealer quotation service on which the Common Stock of the Company is listed or quoted.

8. Stock Appreciation Rights (SARs).

(a) Generally. Each SAR shall be subject to the conditions set forth in the Plan and the Award Agreement. Any Option granted under the Plan may include a tandem SAR. The Committee also may award SARs independent of any Option.

(b) Strike Price. The strike price (“**Strike Price**”) per share of Common Stock for each SAR shall not be less than 100% of the Fair Market Value of such share, determined as of the date of grant; provided, however, that a SAR granted in tandem with (or in substitution for) an Option previously granted shall have a Strike Price equal to the Exercise Price of the corresponding Option. Any modification to the Strike Price of an outstanding SAR shall be subject to the prohibition on repricing set forth in Section 13(b).

(c) Vesting and Expiration. A SAR granted in tandem with an Option shall vest and become exercisable and shall expire according to the same vesting schedule and expiration provisions as the corresponding Option. A SAR granted independently of an Option shall vest and become exercisable and shall expire in such manner and on such date or dates determined by the Committee and shall expire after such period, not to exceed ten years, as may be determined by the Committee (the “**SAR Period**”); provided, however, that notwithstanding any vesting or exercisability dates set by the Committee, the Committee may accelerate the vesting and/or exercisability of any SAR, which acceleration shall not affect the terms and conditions of such SAR other than with respect to vesting and/or exercisability. If the SAR Period would expire at a time when trading in the shares of Common Stock is prohibited by the Company’s insider trading policy or a Company-imposed “blackout period,” the SAR Period shall be automatically extended until the 30th day following the expiration of such prohibition (so long as such extension shall not violate Section 409A of the Code).

(d) Method of Exercise. SARs may be exercised by delivery of written or electronic notice of exercise to the Company or its designee (including a third-party administrator) in accordance with the terms of the Award, specifying the number of SARs to be exercised and the date on which such SARs were awarded.

(e) Payment. Upon the exercise of a SAR, the Company shall pay to the holder thereof an amount equal to the number of shares subject to the SAR that are being exercised multiplied by the excess, if any, of the Fair Market Value of one share of Common Stock on the exercise date over the Strike Price, less an amount equal to any U.S. federal, state and local income and employment taxes and non-U.S. income and employment taxes, social contributions and any other tax-related items required to be withheld. The Company shall pay such amount in cash, in shares of Common Stock valued at Fair Market Value as determined on the date of exercise, or any combination thereof, as determined by the Committee. Any fractional shares of Common Stock shall be settled in cash.

9. Restricted Stock and Restricted Stock Units.

(a) Generally. Each Restricted Stock and Restricted Stock Unit Award shall be subject to the conditions set forth in the Plan and the applicable Award Agreement. The Committee shall establish restrictions applicable to Restricted Stock and Restricted Stock Units, including the period over which the restrictions shall apply (the “**Restricted Period**”), and the time or times at which Restricted Stock or Restricted Stock Units shall become vested (which, for the avoidance of doubt, may include service- and/or performance-based vesting conditions). Subject to such rules, approvals, and conditions as the Committee may impose from time to time, an Eligible Person who is a non-employee director may elect to receive all or a portion of such Eligible Person’s cash director fees and other cash director compensation payable for director services provided to the Company by such Eligible Person in any fiscal year, in whole or in part, in the form of Restricted Stock Units. The Committee may accelerate the vesting and/or the lapse of any or all of the restrictions on Restricted Stock and Restricted Stock Units which acceleration shall not affect any other terms and conditions of such Awards. No share of Common Stock shall be issued at the time an Award of Restricted Stock Units is made, and the Company will not be required to set aside a fund for the payment of any such Award.

(b) Stock Certificates; Escrow or Similar Arrangement. Upon the grant of Restricted Stock, the Committee shall cause share(s) of Common Stock to be registered in the name of the Participant and held in book-entry form subject to the Company's directions. The Committee may also cause a stock certificate registered in the name of the Participant to be issued. In such event, the Committee may provide that such certificates shall be held by the Company or in escrow rather than delivered to the Participant pending vesting and release of restrictions, in which case the Committee may require the Participant to execute and deliver to the Company or its designee (including third-party administrators) (i) an escrow agreement satisfactory to the Committee, if applicable, and (ii) the appropriate stock power (endorsed in blank) with respect to the Restricted Stock. If the Participant shall fail to execute and deliver the escrow agreement and blank stock power within the amount of time specified by the Committee, the Award shall be null and void. Subject to the restrictions set forth in this Section 9 and the Award Agreement, the Participant shall have the rights and privileges of a stockholder as to such Restricted Stock, including without limitation the right to vote such Restricted Stock.

(c) Restrictions; Forfeiture. Restricted Stock and Restricted Stock Units awarded to the Participant shall be subject to forfeiture until the expiration of the Restricted Period and the attainment of any other vesting criteria established by the Committee, and shall be subject to the restrictions on transferability set forth in the Award Agreement. In the event of any forfeiture, all rights of the Participant to such Restricted Stock (or as a stockholder with respect thereto), and to such Restricted Stock Units, as applicable, including to any dividends and/or dividend equivalents that may have been accumulated and withheld during the Restricted Period in respect thereof, shall terminate without further action or obligation on the part of the Company. The Committee shall have the authority to remove any or all of the restrictions on the Restricted Stock and Restricted Stock Units whenever it may determine that, by reason of changes in applicable laws or other changes in circumstances arising after the date of grant of the Restricted Stock Award or Restricted Stock Unit Award, such action is appropriate.

(d) Delivery of Restricted Stock and Settlement of Restricted Stock Units.

(i) Upon the expiration of the Restricted Period with respect to any shares of Restricted Stock and the attainment of any other vesting criteria, the restrictions set forth in the applicable Award Agreement shall be of no further force or effect, except as set forth in the Award Agreement. If an escrow arrangement is used, upon such expiration the Company shall deliver to the Participant or such Participant's beneficiary (via book-entry notation or, if applicable, in stock certificate form) the shares of Restricted Stock with respect to which the Restricted Period has expired (rounded down to the nearest full share). Dividends, if any, that may have been withheld by the Committee and attributable to the Restricted Stock shall be distributed to the Participant in cash or in shares of Common Stock having a Fair Market Value (on the date of distribution) (or a combination of cash and shares of Common Stock) equal to the amount of such dividends, upon the release of restrictions on the Restricted Stock.

(ii) Unless otherwise provided by the Committee in an Award Agreement, upon the expiration of the Restricted Period and the attainment of any other vesting criteria established by the Committee, with respect to any outstanding Restricted Stock Units, the Company shall deliver to the Participant, or such Participant's beneficiary (via book-entry notation or, if applicable, in stock certificate form), one share of Common Stock (or other securities or other property, as applicable) for each such outstanding Restricted Stock Unit that has not then been forfeited and with respect to which the Restricted Period has expired and any other such vesting criteria are attained ("**Released Unit**"); provided, however, that the Committee may elect to (A) pay cash or part cash and part Common Stock in lieu of delivering only shares of Common Stock in respect of such Released Units or (B) establish a program for deferred delivery of Common Stock (or cash or part Common Stock and part cash, as the case may be) beyond the expiration of the Restricted Period in compliance with Section 409A of the Code. If a cash payment is made in lieu of delivering shares of Common Stock, the amount of such payment shall be equal to the Fair Market Value of the Common Stock as of the date on which the shares of Common Stock would have otherwise been delivered to the Participant in respect of such Restricted Stock Units.

(iii) To the extent provided in an Award Agreement, the holder of outstanding Restricted Stock Units shall be entitled to be credited with dividend equivalent payments (upon the payment by the Company of dividends on shares of Common Stock) either in cash or, if determined by the Committee, in shares of Common Stock having a Fair Market Value equal to the amount of such dividends as of the date of payment (or a combination of cash and shares of Common Stock) (and interest may, if determined by the Committee, be credited on the amount of cash dividend equivalents at a rate and subject to such terms as determined by the Committee), which accumulated dividend equivalents (and interest thereon, if applicable) shall be payable at the same time as the underlying Restricted Stock Units are settled (in the case of Restricted Stock Units, following the release of restrictions on such Restricted Stock Units), and if such Restricted Stock Units are forfeited, the holder thereof shall have no right to such dividend equivalent payments.

(e) Legends on Restricted Stock. Each certificate representing Restricted Stock awarded under the Plan, if any, shall bear a legend substantially in the form of the following in addition to any other information the Company deems appropriate until the lapse of all restrictions with respect to such Common Stock:

TRANSFER OF THIS CERTIFICATE AND THE SHARES REPRESENTED HEREBY IS RESTRICTED PURSUANT TO THE TERMS OF THE IOVANCE BIOTHERAPEUTICS, INC. 2018 EQUITY INCENTIVE PLAN AND A RESTRICTED STOCK AWARD AGREEMENT, DATED AS OF, BETWEEN IOVANCE BIOTHERAPEUTICS, INC. AND. A COPY OF SUCH PLAN AND AWARD AGREEMENT IS ON FILE AT THE PRINCIPAL EXECUTIVE OFFICES OF IOVANCE BIOTHERAPEUTICS, INC.

10. Other Stock-Based Awards. The Committee may issue unrestricted Common Stock, rights to receive future grants of Awards, or other Awards denominated in Common Stock (including performance shares or performance units), or Awards that provide for cash payments based in whole or in part on the value or future value of shares of Common Stock under the Plan to Eligible Persons, alone or in tandem with other Awards, in such amounts as the Committee shall from time to time determine (“**Other Stock-Based Awards**”). Each Other Stock-Based Award shall be evidenced by an Award Agreement, which may include conditions including, without limitation, the payment by the Participant of the Fair Market Value of such shares of Common Stock on the date of grant.

11. Changes in Capital Structure and Similar Events. In the event of (a) any dividend (other than regular cash dividends) or other distribution (whether in the form of cash, shares of Common Stock, other securities or other property), recapitalization, stock split, reverse stock split, reorganization, merger, amalgamation, consolidation, split-up, split-off, spin-off, combination, repurchase or exchange of shares of Common Stock or other securities of the Company, issuance of warrants or other rights to acquire shares of Common Stock or other securities of the Company, or other similar corporate transaction or event (including, without limitation, a Change in Control) that affects the shares of Common Stock, or (b) unusual or nonrecurring events (including, without limitation, a Change in Control) affecting the Company, any Affiliate, or the financial statements of the Company or any Affiliate, or changes in applicable rules, rulings, regulations or other requirements of any governmental body or securities exchange or inter-dealer quotation service, accounting principles or law, such that in any case an adjustment is determined by the Committee to be necessary or appropriate, then the Committee shall make any such adjustments in such manner as it may deem equitable, including without limitation any or all of the following:

(i) adjusting any or all of (A) the number of shares of Common Stock or other securities of the Company (or number and kind of other securities or other property) that may be delivered in respect of Awards or with respect to which Awards may be granted under the Plan (including, without limitation, adjusting any or all of the limitations under Section 5 of the Plan) and (B) the terms of any outstanding Award, including, without limitation, (1) the number of shares of Common Stock or other securities of the Company (or number and kind of other securities or other property) subject to outstanding Awards or to which outstanding Awards relate, (2) the Exercise Price or Strike Price with respect to any Award and/or (3) any applicable performance measures;

(ii) providing for a substitution or assumption of Awards (or awards of an acquiring company), accelerating the delivery, vesting and/or exercisability of, lapse of restrictions and/or other conditions on, or termination of, Awards or providing for a period of time (which shall not be required to be more than ten (10) days) for Participants to exercise outstanding Awards prior to the occurrence of such event (and any such Award not so exercised shall terminate or become no longer exercisable upon the occurrence of such event); and

(iii) cancelling any one or more outstanding Awards (or awards of an acquiring company) and causing to be paid to the holders thereof, in cash, shares of Common Stock, other securities or other property, or any combination thereof, the value of such Awards, if any, as determined by the Committee (which if applicable may be based upon the price per share of Common Stock received or to be received by other stockholders of the Company in such event), including without limitation, in the case of an outstanding Option or SAR, a cash payment in an amount equal to the excess, if any, of the Fair Market Value (as of a date specified by the Committee) of the shares of Common Stock subject to such Option or SAR over the aggregate Exercise Price or Strike Price of such Option or SAR, respectively (it being understood that, in such event, any Option or SAR having a per-share Exercise Price or Strike Price equal to, or in excess of, the Fair Market Value (as of the date specified by the Committee) of a share of Common Stock subject thereto may be canceled and terminated without any payment or consideration therefor); provided, however, that the Committee shall make an equitable or proportionate adjustment to outstanding Awards to reflect any “equity restructuring” (within the meaning of the Financial Accounting Standards Codification Topic 718 (or any successor pronouncement thereto)). Except as otherwise determined by the Committee, any adjustments under this Section 11 shall be made in a manner that does not adversely affect the exemption provided pursuant to Rule 16b-3 promulgated under the Exchange Act. The Company shall give each Participant notice of an adjustment hereunder and, upon notice, such adjustment shall be conclusive and binding for all purposes. In anticipation of the occurrence of any event listed in the first sentence of this Section 11, for reasons of administrative convenience, the Committee in its sole discretion may refuse to permit the exercise of any Award during a period of up to 30 days prior to, and/or up to 30 days after, the anticipated occurrence of any such event.

12. Effect of Change in Control. Except to the extent otherwise provided in an Award Agreement, or any applicable employment, consulting, change-in-control, severance or other agreement between the Participant and the Company or an Affiliate, in the event of a Change in Control, notwithstanding any provision of the Plan to the contrary:

(a) If the Participant’s employment with or service to the Company or an Affiliate is terminated by the Company or Affiliate without Cause (and other than due to death or Disability) on or within 12 months following a Change in Control, all Options and SARs held by such Participant shall automatically become immediately exercisable with respect to 100% of the shares subject to such Options and SARs, and that the Restricted Period (and any other conditions) shall expire immediately with respect to 100% of the shares of Restricted Stock and Restricted Stock Units and any other Awards held by such Participant (including a waiver of any applicable performance goals); provided, that if the vesting or exercisability of any Award would otherwise be subject to the achievement of performance conditions, the portion of such Award that shall become fully vested and immediately exercisable shall be based on the assumed achievement of actual or target performance as determined by the Committee and, unless otherwise determined by the Committee, prorated for the number of days elapsed from the grant date of such Award through the date of termination.

(b) In addition, the Committee may upon at least ten (10) days’ advance notice to the affected Participants, cancel any outstanding Award and pay to the holders thereof, in cash, securities or other property (including of the acquiring or successor company), or any combination thereof, the value of such Awards based upon the price per share of Common Stock received or to be received by other stockholders of the Company in the event (it being understood that any Option or SAR having a per-share Exercise Price or Strike Price equal to, or in excess of, the Fair Market Value (as of the date specified by the Committee) of a share of Common Stock subject thereto may be canceled and terminated without any payment or consideration therefor). Notwithstanding the above, the Committee shall exercise such discretion over the timing of settlement of any Award subject to Code Section 409A at the time such Award is granted.

To the extent practicable, the provisions of this Section 12 shall occur in a manner and at a time that allows affected Participants the ability to participate in the Change in Control transaction with respect to the Common Stock subject to their Awards.

13. Amendments and Termination.

(a) Amendment and Termination of the Plan. The Board may amend, alter, suspend, discontinue, or terminate the Plan or any portion thereof at any time; provided, that no such amendment, alteration, suspension, discontinuation or termination shall be made without stockholder approval if such approval is necessary to comply with any tax or regulatory requirement applicable to the Plan (including, without limitation, as necessary to comply with any applicable rules or requirements of NASDAQ or of any other securities exchange or inter-dealer quotation service on which the shares of Common Stock is listed or quoted, for changes in GAAP to new accounting standards); and provided, further, that any such amendment, alteration, suspension, discontinuance or termination that would materially and adversely affect the rights of any Participant or any holder or beneficiary of any Award theretofore granted shall not to that extent be effective without the consent of the affected Participant, holder or beneficiary, unless the Committee determines that such amendment, alteration, suspension, discontinuance or termination is the required or advisable in order for the Company, the Plan or the Award to satisfy any applicable law or regulation. Notwithstanding the foregoing, no amendment shall be made to the last proviso of Section 13(b) without stockholder approval.

(b) Amendment of Award Agreements. The Committee may, to the extent not inconsistent with the terms of any applicable Award Agreement or the Plan, waive any conditions or rights under, amend any terms of, or alter, suspend, discontinue, cancel or terminate, any Award theretofore granted or the associated Award Agreement, prospectively or retroactively (including after the Participant's termination of employment or service with the Company); provided, that any such waiver, amendment, alteration, suspension, discontinuance, cancellation or termination that would materially and adversely affect the rights of any Participant with respect to any Award theretofore granted shall not to that extent be effective without the consent of the affected Participant unless the Committee determines that such waiver, amendment, alteration, suspension, discontinuance, cancellation or termination is either required or advisable in order for the Company, the Plan or the Award to satisfy any applicable law or regulation; and provided, further, that except as otherwise permitted under Section 11 of the Plan, if (i) the Committee reduces the Exercise Price of any Option or the Strike Price of any SAR, (ii) the Committee cancels any outstanding Option or SAR and replaces it with a new Option or SAR (with a lower Exercise Price or Strike Price, as the case may be) or other Award or cash in a manner that would either (A) be reportable on the Company's proxy statement or Form 10-K (if applicable) as Options that have been "repriced" (as such term is used in Item 402 of Regulation S-K promulgated under the Exchange Act), or (B) result in any "repricing" for financial statement reporting purposes (or otherwise cause the Award to fail to qualify for equity accounting treatment), (iii) the Committee takes any other action that is considered a "repricing" for purposes of the stockholder approval rules of the applicable securities exchange or inter-dealer quotation service on which the Common Stock is listed or quoted, or (iv) the Committee cancels any outstanding Option or SAR that has a per-share Exercise Price or Strike Price (as applicable) at or above the Fair Market Value of a share of Common Stock on the date of cancellation, and pays any consideration to the holder thereof, whether in cash, securities, or other property, or any combination thereof, then, in the case of the immediately preceding clauses (i) through (iv), any such action shall not be effective without stockholder approval.

14. General.

(a) Award Agreements; Other Agreements. Each Award under the Plan shall be evidenced by an Award Agreement, which shall be delivered to the Participant and shall specify the terms and conditions of the Award and any rules applicable thereto. In the event of any conflict between the terms of the Plan and any Award Agreement or employment, change-in-control, severance or other agreement in effect with the Participant, the term of the Plan shall control.

(b) Nontransferability.

(i) Each Award shall be exercisable only by the Participant during the Participant's lifetime, or, if permissible under applicable law, by the Participant's legal guardian or representative. No Award may be assigned, alienated, pledged, attached, sold or otherwise transferred or encumbered by the Participant other than by will or by the laws of descent and distribution, and any such purported assignment, alienation, pledge, attachment, sale, transfer or encumbrance shall be void and unenforceable against the Company or an Affiliate; provided, that the designation of a beneficiary shall not constitute an assignment, alienation, pledge, attachment, sale, transfer or encumbrance.

(ii) Notwithstanding the foregoing, the Committee may permit Awards to be transferred by the Participant, without consideration, subject to such rules as the Committee may adopt, to (A) any person who is a "family member" of the Participant, as such term is used in the instructions to Form S-8 under the Securities Act or any successor form of registration statements promulgated by the Securities and Exchange Commission (collectively, the "**Immediate Family Members**"); (B) a trust solely for the benefit of the Participant or the Participant's Immediate Family Members; (C) a partnership or limited liability company whose only partners or stockholders are the Participant and the Participant's Immediate Family Members; or (D) any other transferee as may be approved either (1) by the Board or the Committee, or (2) as provided in the applicable Award Agreement; (each transferee described in clause (A), (B), (C) or (D) above is hereinafter referred to as a "**Permitted Transferee**"); provided, that the Participant gives the Committee advance written notice describing the terms and conditions of the proposed transfer and the Committee notifies the Participant in writing that such a transfer would comply with the requirements of the Plan.

(iii) The terms of any Award transferred in accordance with the immediately preceding paragraph shall apply to the Permitted Transferee, and any reference in the Plan, or in any applicable Award Agreement, to the Participant shall be deemed to refer to the Permitted Transferee, except that (A) Permitted Transferees shall not be entitled to transfer any Award, other than by will or the laws of descent and distribution; (B) Permitted Transferees shall not be entitled to exercise any transferred Option unless there shall be in effect a registration statement on an appropriate form covering the shares of Common Stock to be acquired pursuant to the exercise of such Option if the Committee determines, consistent with any applicable Award Agreement, that such a registration statement is necessary or appropriate; (C) the Committee or the Company shall not be required to provide any notice to a Permitted Transferee, whether or not such notice is or would otherwise have been required to be given to the Participant under the Plan or otherwise; (D) the consequences of the termination of the Participant's employment by, or services to, the Company or an Affiliate under the terms of the Plan and the applicable Award Agreement shall continue to be applied with respect to the transferred Award, including, without limitation, that an Option shall be exercisable by the Permitted Transferee only to the extent, and for the periods, specified in the Plan and the applicable Award Agreement; and (E) any non-competition, non-solicitation, non-disparagement, non-disclosure, or other restrictive covenants contained in any Award Agreement or other agreement between the Participant and the Company or any Affiliate shall continue to apply to the Participant and the consequences of the violation of such covenants shall continue to be applied with respect to the transferred Award, including without limitation the clawback and forfeiture provisions of Section 14(v) of the Plan.

(c) Dividends and Dividend Equivalents. The Committee may provide the Participant with dividends or dividend equivalents as part of an Award, payable in cash, shares of Common Stock, other securities, other Awards or other property, on a current or deferred basis, on such terms and conditions as may be determined by the Committee, including, without limitation, payment directly to the Participant, withholding of such amounts by the Company subject to vesting of the Award or reinvestment in additional shares of Common Stock, Restricted Stock or other Awards; provided, that no dividends or dividend equivalents shall be payable (i) in respect of outstanding Options or SARs or (ii) in respect of any other Award unless and until the Participant vests in such underlying Award; provided, further, that dividend equivalents may be accumulated in respect of unearned Awards and paid as soon as administratively practicable, but no more than 60 days, after such Awards are earned and become payable or distributable (and the right to any such accumulated dividends or dividend equivalents shall be forfeited upon the forfeiture of the Award to which such dividends or dividend equivalents relate).

(d) Tax Withholding.

(i) The Participant shall be required to pay to the Company or any Affiliate, and the Company or any Affiliate shall have the right (but not the obligation) and is hereby authorized to withhold, from any cash, shares of Common Stock, other securities or other property deliverable under any Award or from any compensation or other amounts owing to the Participant, the amount (in cash, Common Stock, other securities or other property) of any required withholding taxes (up to the maximum permissible withholding amounts) in respect of an Award, its exercise, or any payment or transfer under an Award or under the Plan and to take such other action that the Committee or the Company deem necessary to satisfy all obligations for the payment of such withholding taxes.

(ii) Without limiting the generality of paragraph (i) above, the Committee may permit the Participant to satisfy, in whole or in part, the foregoing withholding liability by (A) payment in cash, (B) the delivery of shares of Common Stock (which shares are not subject to any pledge or other security interest) owned by the Participant having a Fair Market Value on such date equal to such withholding liability or (C) having the Company withhold from the number of shares of Common Stock otherwise issuable or deliverable pursuant to the exercise or settlement of the Award a number of shares with a Fair Market Value on such date equal to such withholding liability. In addition, subject to any requirements of applicable law, the Participant may also satisfy the tax withholding obligations by other methods, including selling shares of Common Stock that would otherwise be available for delivery, provided that the Board or the Committee has specifically approved such payment method in advance.

(e) No Claim to Awards; No Rights to Continued Employment, Directorship or Engagement. No employee, director of the Company, consultant providing service to the Company or an Affiliate, or other person, shall have any claim or right to be granted an Award under the Plan or, having been selected for the grant of an Award, to be selected for a grant of any other Award. There is no obligation for uniformity of treatment of Participants or holders or beneficiaries of Awards. The terms and conditions of Awards and the Committee's determinations and interpretations with respect thereto need not be the same with respect to each Participant and may be made selectively among Participants, whether or not such Participants are similarly situated. Neither the Plan nor any action taken hereunder shall be construed as giving any Participant any right to be retained in the employ or service of the Company or an Affiliate, or to continue in the employ or the service of the Company or an Affiliate, nor shall it be construed as giving any Participant who is a director any rights to continued service on the Board.

(f) International Participants. With respect to Participants who reside or work outside of the United States, the Committee may amend the terms of the Plan or appendices thereto, or outstanding Awards, with respect to such Participants, in order to conform such terms with or accommodate the requirements of local laws, procedures or practices or to obtain more favorable tax or other treatment for the Participant, the Company or its Affiliates. Without limiting the generality of this subsection, the Committee is specifically authorized to adopt rules, procedures and sub-plans with provisions that limit or modify rights on death, disability, retirement or other terminations of employment, available methods of exercise or settlement of an Award, payment of income, social insurance contributions or payroll taxes, withholding procedures and handling of any stock certificates or other indicia of ownership that vary with local requirements. The Committee may also adopt rules, procedures or sub-plans applicable to particular Affiliates or locations.

(g) Beneficiary Designation. The Participant's beneficiary shall be the Participant's spouse (or domestic partner if such status is recognized by the Company and in such jurisdiction), or if the Participant is otherwise unmarried at the time of death, the Participant's estate, except to the extent that a different beneficiary is designated in accordance with procedures that may be established by the Committee from time to time for such purpose. Notwithstanding the foregoing, in the absence of a beneficiary validly designated under such Committee-established procedures and/or applicable law who is living (or in existence) at the time of death of a Participant residing or working outside the United States, any required distribution under the Plan shall be made to the executor or administrator of the estate of the Participant, or to such other individual as may be prescribed by applicable law.

(h) Termination of Employment or Service. The Committee, in its sole discretion, shall determine the effect of all matters and questions related to the termination of employment of or service of a Participant. Except as otherwise provided in an Award Agreement, or any employment, consulting, change-in-control, severance or other agreement between the Participant and the Company or an Affiliate, unless determined otherwise by the Committee: (i) neither a temporary absence from employment or service due to illness, vacation or leave of absence (including, without limitation, a call to active duty for military service through a Reserve or National Guard unit) nor a transfer from employment or service with the Company to employment or service with an Affiliate (or vice versa) shall be considered a termination of employment or service with the Company or an Affiliate; and (ii) if the Participant's employment with the Company or its Affiliates terminates, but such Participant continues to provide services with the Company or its Affiliates in a non-employee capacity (including as a non-employee director) (or vice versa), such change in status shall not be considered a termination of employment or service with the Company or an Affiliate for purposes of the Plan.

(i) No Rights as a Stockholder. Except as otherwise specifically provided in the Plan or any Award Agreement, no person shall be entitled to the privileges of ownership in respect of shares of Common Stock that are subject to Awards hereunder until such shares have been issued or delivered to that person.

(j) Government and Other Regulations.

(i) Nothing in the Plan shall be deemed to authorize the Committee or Board or any members thereof to take any action contrary to applicable law or regulation, or Nasdaq rules or the rules of any other securities exchange or inter-dealer quotation service on which the Common Stock is listed or quoted.

(ii) The obligation of the Company to settle Awards in Common Stock or other consideration shall be subject to all applicable laws, rules, and regulations, and to such approvals by governmental agencies as may be required. Notwithstanding any terms or conditions of any Award to the contrary, the Company shall be under no obligation to offer to sell or to sell, and shall be prohibited from offering to sell or selling, any shares of Common Stock pursuant to an Award unless such shares have been properly registered for sale pursuant to the Securities Act with the Securities and Exchange Commission or unless the Company has received an opinion of counsel, satisfactory to the Company, that such shares may be offered or sold without such registration pursuant to and in compliance with the terms of an available exemption. The Company shall be under no obligation to register for sale under the Securities Act any of the shares of Common Stock to be offered or sold under the Plan. The Committee shall have the authority to provide that all shares of Common Stock or other securities of the Company or any Affiliate delivered under the Plan shall be subject to such stop-transfer orders and other restrictions as the Committee may deem advisable under the Plan, the applicable Award Agreement, U.S. federal securities laws, or the rules, regulations and other requirements of the U.S. Securities and Exchange Commission, any securities exchange or inter-dealer quotation service upon which such shares or other securities of the Company are then listed or quoted and any other applicable federal, state, local or non-U.S. laws, rules, regulations and other requirements, and, without limiting the generality of Section 9 of the Plan, the Committee may cause a legend or legends to be put on any such certificates of Common Stock or other securities of the Company or any Affiliate delivered under the Plan to make appropriate reference to such restrictions or may cause such Common Stock or other securities of the Company or any Affiliate delivered under the Plan in book-entry form to be held subject to the Company's instructions or subject to appropriate stop-transfer orders. Notwithstanding any provision in the Plan to the contrary, the Committee reserves the right to add any additional terms or provisions to any Award granted under the Plan that it in its sole discretion deems necessary or advisable in order that such Award complies with the legal requirements of any governmental entity to whose jurisdiction the Award is subject.

(iii) The Committee may cancel an Award or any portion thereof if it determines that legal or contractual restrictions and/or blockage and/or other market considerations would make the Company's acquisition of shares of Common Stock from the public markets, the Company's issuance of Common Stock to the Participant, the Participant's acquisition of Common Stock from the Company and/or the Participant's sale of Common Stock to the public markets illegal, impracticable or inadvisable. If the Committee determines to cancel all or any portion of an Award in accordance with the foregoing, unless prevented by applicable laws, the Company shall pay to the Participant an amount equal to the excess of (A) the aggregate Fair Market Value of the shares of Common Stock subject to such Award or portion thereof canceled (determined as of the applicable exercise date, or the date that the shares would have been vested or delivered, as applicable), over (B) the aggregate Exercise Price or Strike Price (in the case of an Option or SAR, respectively) or any amount payable as a condition of delivery of shares of Common Stock (in the case of any other Award). Such amount shall be delivered to the Participant as soon as practicable following the cancellation of such Award or portion thereof.

(k) Section 83(b) Elections. If a Participant, in connection with the acquisition of shares of Common Stock under the Plan, makes an election under Section 83(b) of the Code, the Participant shall notify the Company of such election within ten days after filing notice of the election with the Internal Revenue Service, in addition to any filing and notification required pursuant to Section 83(b) of the Code.

(l) Payments to Persons Other Than Participants. If the Committee shall find that any person to whom any amount is payable under the Plan is unable to care for such person's affairs because of illness or accident, or is a minor, or has died, then any payment due to such person or such person's estate (unless a prior claim therefor has been made by a duly appointed legal representative or a beneficiary designation form has been filed with the Company) may, if the Committee so directs the Company, be paid to such person's spouse, child, or relative, or an institution maintaining or having custody of such person, or any other person deemed by the Committee to be a proper recipient on behalf of such person otherwise entitled to payment. Any such payment shall be a complete discharge of the liability of the Committee and the Company therefor.

(m) Nonexclusivity of the Plan. Neither the adoption of the Plan by the Board nor the submission of the Plan to the stockholders of the Company for approval shall be construed as creating any limitations on the power of the Board to adopt such other incentive arrangements as it may deem desirable, including, without limitation, the granting of stock options or awards otherwise than under the Plan, and such arrangements may be either applicable generally or only in specific cases.

(n) No Trust or Fund Created. This Plan and Awards hereunder are intended to be unfunded for tax purposes and for purposes of the Employee Retirement Income Security Act of 1974, as amended, and shall be construed and interpreted in accordance with such intent. Neither the Plan nor any Award shall create or be construed to create a trust or separate fund of any kind or a fiduciary relationship between the Company or any Affiliate, on the one hand, and the Participant or other person or entity, on the other hand. No provision of the Plan or any Award shall require the Company, for the purpose of satisfying any obligations under the Plan, to purchase assets or place any assets in a trust or other entity to which contributions are made or to otherwise segregate any assets, nor shall the Company maintain separate bank accounts, books, records or other evidence of the existence of a segregated or separately maintained or administered fund for such purposes. Participants shall have no rights under the Plan other than as unsecured general creditors of the Company.

(o) Reliance on Reports. Each member of the Committee and each member of the Board (and each such member's respective designees) shall be fully justified in acting or failing to act, as the case may be, and shall not be liable for having so acted or failed to act in good faith, in reliance upon any report made by the independent registered public accounting firm of the Company or any of its Affiliates or any other information furnished in connection with the Plan by any agent or advisor of the Company or the Committee or the Board.

(p) Relationship to Other Benefits. No payment under the Plan shall be taken into account in determining any benefits under any pension, retirement, profit sharing, group insurance or other benefit plan of the Company except as otherwise specifically provided in such other plan.

(q) Purchase for Investment. Whether or not the Options and shares covered by the Plan have been registered under the Securities Act, each person exercising an Option under the Plan or acquiring shares under the Plan may be required by the Company to give a representation in writing that such person is acquiring such shares for investment and not with a view to, or for sale in connection with, the distribution of any part thereof. The Company will endorse any necessary legend referring to the foregoing restriction upon the certificate or certificates representing any shares issued or transferred to the Participant upon the exercise of any Option granted under the Plan.

(r) Governing Law. The Plan shall be governed by and construed in accordance with the laws of the State of Delaware, without regard to principles of conflicts of laws thereof, or principles of conflicts of laws of any other jurisdiction that could cause the application of the laws of any jurisdiction other than the State of Delaware.

(s) Severability. If any provision of the Plan or any Award or Award Agreement is or becomes or is deemed to be invalid, illegal, or unenforceable in any jurisdiction or as to any person or entity or Award, or would disqualify the Plan or any Award under any law deemed applicable by the Committee, such provision shall be construed or deemed amended to conform to the applicable laws, or if it cannot be construed or deemed amended without, in the determination of the Committee, materially altering the intent of the Plan or the Award, such provision shall be construed or deemed stricken as to such jurisdiction, person or entity or Award, and the remainder of the Plan and any such Award shall remain in full force and effect.

(t) Obligations Binding on Successors. The obligations of the Company under the Plan shall be binding upon any successor corporation or organization resulting from the merger, consolidation or other reorganization of the Company, or upon any successor corporation or organization succeeding to all or substantially all of the assets and business of the Company.

(u) Section 409A of the Code.

(i) It is intended that the Plan be exempt from or comply with Section 409A of the Code, and all provisions of the Plan shall be construed and interpreted in a manner consistent with the requirements for avoiding taxes or penalties under Section 409A of the Code. Each Participant is solely responsible and liable for the satisfaction of all taxes and penalties that may be imposed on or in respect of such Participant in connection with the Plan or any other plan maintained by the Company, including any taxes and penalties under Section 409A of the Code, and neither the Company nor any Affiliate shall have any obligation to indemnify or otherwise hold such Participant or any beneficiary harmless from any or all of such taxes or penalties. With respect to any Award that is considered “deferred compensation” subject to Section 409A of the Code, references in the Plan to “termination of employment” (and substantially similar phrases) shall mean “separation from service” within the meaning of Section 409A of the Code. For purposes of Section 409A of the Code, each of the payments that may be made in respect of any Award granted under the Plan is designated as a separate payment.

(ii) Notwithstanding anything in the Plan to the contrary, if the Participant is a “specified employee” within the meaning of Section 409A(a)(2)(B)(i) of the Code, no payments or deliveries in respect of any Awards that are payable on account of the Participant’s “separation from service” and that are “deferred compensation” subject to Section 409A of the Code shall be made to such Participant prior to the date that is six months after the date of such Participant’s “separation from service” within the meaning of Section 409A of the Code or, if earlier, the Participant’s date of death. All such delayed payments or deliveries will be paid or delivered (without interest) in a single lump sum on the earliest date permitted under Section 409A of the Code that is also a business day.

(iii) In the event that the timing of payments in respect of any Award that would otherwise be considered “deferred compensation” subject to Section 409A of the Code would be accelerated upon the occurrence of (A) a Change in Control, no such acceleration shall be permitted unless the event giving rise to the Change in Control satisfies the definition of a change in the ownership or effective control of a corporation, or a change in the ownership of a substantial portion of the assets of a corporation pursuant to Section 409A of the Code and any Treasury Regulations promulgated thereunder or (B) a Disability, no such acceleration shall be permitted unless the Disability also satisfies the definition of “disability” pursuant to Section 409A of the Code and any Treasury Regulations promulgated thereunder.

(v) Clawback/Forfeiture. Notwithstanding anything to the contrary contained herein, to the extent required by applicable law (including, without limitation, Section 304 of the Sarbanes-Oxley Act and Section 954 of the Dodd-Frank Wall Street Reform and Consumer Protection Act and any rules or regulations promulgated thereunder) and/or the rules and regulations of NASDAQ or any other securities exchange or inter-dealer quotation service on which the Common Stock is listed or quoted, Awards shall be subject (including on a retroactive basis) to clawback, forfeiture or similar requirements (and such requirements shall be deemed incorporated by reference into all outstanding Award Agreements).

(w) No Representations or Covenants with Respect to Tax Qualification. Although the Company may endeavor to (i) qualify an Award for favorable U.S. or non-U.S. tax treatment or (ii) avoid adverse tax treatment, the Company makes no representation to that effect and expressly disavows any covenant to maintain favorable or avoid unfavorable tax treatment. The Company shall be unconstrained in its corporate activities without regard to the potential negative tax impact on holders of Awards under the Plan.

(x) No Interference. The existence of the Plan, any Award Agreement, and the Awards granted hereunder shall not affect or restrict in any way the right or power of the Company, the Board, the Committee, or the stockholders of the Company to make or authorize any adjustment, recapitalization, reorganization, or other change in the Company’s capital structure or its business, any merger or consolidation of the Company, any issue of stock or of options, warrants, or rights to purchase stock or of bonds, debentures,

or preferred or prior preference stocks whose rights are superior to or affect the Common Stock or the rights thereof or that are convertible into or exchangeable for Common Stock, or the dissolution or liquidation of the Company or any Affiliate, or any sale or transfer of all or any part of their assets or business, or any other corporate act or proceeding, whether of a similar character or otherwise.

(y) Expenses; Titles and Headings. The expenses of administering the Plan shall be borne by the Company and its Affiliates. The titles and headings of the sections in the Plan are for convenience of reference only, and in the event of any conflict, the text of the Plan, rather than such titles or headings shall control.

* * *

As adopted by the Company on September 22, 2021, as amended and restated by the Company on January 12, 2022, as amended and restated by the Company on March 13, 2023, as amended and restated by the Company on February 26, 2024, and as further amended and restated by the Company on November 22, 2024.

Calculation of Filing Fee Tables

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IOVANCE BIOTHERAPEUTICS, INC.

Table 1: Newly Registered Securities

Security Type	Security Class Title	Fee Calculation Rule	Amount Registered	Proposed Maximum Offering Price Per Unit	Maximum Aggregate Offering Price	Fee Rate	Amount of Registration Fee
1 Equity	Common stock, par value \$0.000041666 per share	Other	2,000,000		\$ 16,500,000.00	0.0001531	\$ 2,526.15
Total Offering Amounts:					\$ 16,500,000.00		\$ 2,526.15
Total Fee Offsets:							\$ 0.00
Net Fee Due:							\$ 2,526.15

Offering Note

1

(1) Pursuant to Rule 416(a) under the Securities Act of 1933, as amended (the "Securities Act"), this Registration Statement shall also cover any additional shares of the Registrant's common stock that becomes issuable in respect of the securities identified in the above table by reason of any stock dividend, stock split, recapitalization, or other similar transaction effected without the receipt of consideration that increases the number of the Registrant's outstanding shares of common stock.

(2) Represents 2,000,000 additional shares of common stock reserved for issuance under the Registrant's Amended and Restated 2021 Inducement Plan.

(3) Estimated in accordance with Rule 457(c) and (h) under the Securities Act solely for the purpose of calculating the registration fee on the basis of \$8.25, the average of the high and low prices of the Registrant's common stock as reported on The Nasdaq Global Market on December 12, 2024.
