

with respect to the Plan. (jj) "Section 16(b)" means Section 16(b) of the Exchange Act. (kk) "Service Provider" means an Employee, Director or Independent Contractor. (ll) "Share" means a share of the Common Stock, as adjusted in accordance with Section 13 of the Plan. (mm) "Stock Appreciation Right" means an Award, granted alone or in connection with an Option, that pursuant to Section 9 is designated as a Stock Appreciation Right. (nn) "Subsidiary" means any corporation (other than the Company) in an unbroken chain of corporations beginning with the Company if each of the corporations other than the last corporation in the unbroken chain owns stock possessing fifty percent (50%) or more of the total combined voting power of all classes of stock in one of the other corporations in such chain. A corporation that attains the status of a Subsidiary on a date after the adoption of the Plan shall be considered a Subsidiary commencing as of such date. 3. Stock Subject to the Plan. (a) Stock Subject to the Plan. Subject to the provisions of Section 13 of the Plan, the maximum aggregate number of Shares that may be issued under the Plan is 338,243 Shares plus (i) any Shares that, as of the Registration Date, have been reserved but not issued pursuant to any awards granted under the Company's 2006 Stock Plan (as Amended and Restated on May 4, 2012) (the "Existing Plan") and are not subject to any awards granted thereunder, and (ii) any Shares subject to awards under the Existing Plan that otherwise would have been returned to the Existing Plan after the Registration Date on account of the expiration, cancellation or forfeiture of awards granted thereunder, with the maximum number of Shares to be added to the Plan pursuant to clauses (i) and (ii) equal to 5,329 Shares. The Shares may be authorized, but unissued, or reacquired Common Stock. Notwithstanding the foregoing and, subject to adjustment as provided in Section 13, the maximum number of Shares that may be issued upon the exercise of Incentive Stock Options will equal 75,000 Shares, plus, to the extent allowable under Section 422 of the Code and the Treasury Regulations promulgated thereunder, any Shares that become available for issuance under the Plan pursuant to Section 3(c). (b) Automatic Share Reserve Increase. The number of Shares available for issuance under the Plan will be increased on the first day of each Fiscal Year beginning with the 2016 Fiscal Year, in an amount equal to the least of (i) four percent (4%) of the outstanding Shares on the last day of the immediately preceding Fiscal Year or (ii) such number of Shares determined by the Board. (c) Lapsed Awards. To the extent an Award expires, is surrendered pursuant to an Exchange Program or becomes unexercisable without having been exercised or, with respect to Restricted Stock, Restricted Stock Units, Performance Units or Performance Shares, is forfeited to or repurchased by the Company due to failure to vest, the unurchased Shares (or for Awards other than Options or Stock Appreciation Rights the forfeited or repurchased Shares), which were subject thereto will become available for future grant or sale under the Plan (unless the Plan has terminated). Notwithstanding the foregoing (and except with respect to Shares of Restricted Stock that are forfeited rather than vesting), Shares that have actually been issued under the Plan under any Award will not be returned to the Plan and will not become available for future distribution under the Plan; provided, however, that if Shares issued pursuant to Awards of Restricted Stock, Restricted Stock Units, Performance Shares or Performance Units are repurchased by the Company or are forfeited to the Company, such Shares will become available for future grant under the Plan. Shares used to pay the exercise price of an Award or to satisfy the tax withholding obligations related to an Award will become available for future grant or sale under the Plan. To the extent an Award under the Plan is paid out in cash rather than Shares, such cash payment will not result in reducing the number of Shares available for issuance under the Plan. 4. Administration of the Plan. (a) Procedure. (i) Multiple Administrative Bodies. Different Committees with respect to different groups of Service Providers may administer the Plan. (ii) Section 162(m). To the extent that the Administrator determines it to be desirable to qualify Awards granted hereunder as "performance-based compensation" within the meaning of Section 162(m) of the Code, the Plan will be administered by a Committee of two (2) or more "outside directors" within the meaning of Section 162(m) of the Code. (iii) Rule 16b-3. To the extent desirable to qualify transactions hereunder as exempt under Rule 16b-3, the transactions contemplated hereunder will be structured to satisfy the requirements for exemption under Rule 16b-3. (iv) Other Administration. Other than as provided above, the Plan will be administered by (A) the Board or (B) a Committee, which committee will be constituted to satisfy Applicable Laws. (b) Powers of the Administrator. Subject to the provisions of the Plan, the Administrator will have the authority, in its discretion: (i) to determine the Fair Market Value in accordance with Section 2(p)(i-iv) herein; (ii) to select the Service Providers to whom Awards may be granted hereunder; (iii) to determine the number of Shares to be covered by each Award granted hereunder; (iv) to approve forms of Award Agreements for use under the Plan; (v) to determine the terms and conditions, not inconsistent with the terms of the Plan, of any Award granted hereunder. Such terms and conditions include, but are not limited to, the exercise price, the time or times when Awards may be exercised (which may be based on performance criteria), any vesting acceleration or waiver of forfeiture restrictions, and any restriction or limitation regarding any Award or the Shares relating thereto, based in each case on such factors as the Administrator will determine; (vi) to construe and interpret the terms of the Plan and Awards granted pursuant to the Plan; (vii) to prescribe, amend and rescind rules and regulations relating to the Plan, including rules and regulations established for the purpose of satisfying applicable foreign laws, for qualifying for favorable tax treatment under applicable foreign laws or facilitating compliance with foreign laws; sub-plans may be created for any of these purposes; (viii) to modify or amend each Award (subject to Section 18 of the Plan), including but not limited to the discretionary authority to extend the post-termination exercisability period of Awards and to extend the maximum term of an Option (subject to Section 6(b) of the Plan regarding Incentive Stock Options); (ix) to allow Participants to satisfy withholding tax obligations in such manner as prescribed in Section 14 of the Plan; (x) to authorize any person to execute on behalf of the Company any instrument required to effect the grant of an Award previously granted by the Administrator; (xi) to allow a Participant to defer the receipt of the payment of cash or the delivery of Shares that would otherwise be due to such Participant under an Award; and (xii) to make all other determinations deemed necessary or advisable for administering the Plan. (A) Effect of Administrator's Decision. The Administrator's decisions, determinations and interpretations will be final and binding on all Participants and any other holders of Awards. (d) Exchange Program. Notwithstanding anything in this Section 4, the Committee shall not implement an Exchange Program without the approval of the holders of a majority of the Shares that are present in person or by proxy and entitled to vote at any annual or special meeting of Company's stockholders. (e) Delegation by the Committee. The Committee, in its sole discretion and on such terms and conditions as it may provide, may delegate all or any part of its authority and powers under the Plan to one or more Directors or Officers of the Company; provided, however, that the Committee may not delegate its authority and powers (a) with respect to an Officer or (b) in any way which would jeopardize the Plan's qualification under Code Section 162(m) or Rule 16b-3. 5. Award Eligibility and Limitations. (a) Award Eligibility. Nonstatutory Stock Options, Stock Appreciation Rights, Restricted Stock, Restricted Stock Units, Performance Shares and Performance Units may be granted to Service Providers. Incentive Stock Options may be granted only to Employees. (b) Award Limitations. The following limits shall apply to the grant of any Award if, at the time of grant, the Company is a "publicly held corporation" within the meaning of Section 162(m) of the Code: (i) Options and Stock Appreciation Rights. Subject to adjustment as provided in Section 13, no Employee shall be granted within any fiscal year of the Company one or more Options or Stock Appreciation Rights, which in the aggregate cover more than 50,000 Shares reserved for issuance under the Plan; provided, however, that in connection with an Employee's initial service as an Employee, an Employee may be granted Options or Stock Appreciation Rights, which in the aggregate cover up to an additional 50,000 Shares reserved for issuance under the Plan. (ii) Restricted Stock and Restricted Stock Units. Subject to adjustment as provided in Section 13, no Employee shall be granted within any fiscal year of the Company one or more awards of Restricted Stock or Restricted Stock Units, which in the aggregate cover more than 50,000 Shares reserved for issuance under the Plan; provided, however, that in connection with an Employee's initial service as an Employee, an Employee may be granted Restricted Stock or Restricted Stock Units, which in the aggregate cover up to an additional 50,000 Shares reserved for issuance under the Plan. (iii) Performance Units and Performance Shares. Subject to adjustment as provided in Section 13, no Employee shall receive Performance Units or Performance Shares having a grant date value (assuming maximum payout) greater than five million dollars (\$5 million) or covering more than 50,000 Shares, whichever is greater; provided, however, that in connection with an Employee's initial service as an Employee, an Employee may receive Performance Units or Performance Shares having a grant date value (assuming maximum payout) of up to an additional amount equal to five million dollars (\$5 million) or covering up to 50,000 Shares, whichever is greater. No Participant may be granted more than one award of Performance Units or Performance Shares for the same Performance Period. 6. Stock Options. (a) Limitations. Each Option will be designated in the Award Agreement as either an Incentive Stock Option or a Nonstatutory Stock Option. However, notwithstanding such designation, to the extent that the aggregate Fair Market Value of the Shares with respect to which Incentive Stock Options are exercisable for the first time by the Participant during any calendar year (under all plans of the Company and any Parent or Subsidiary) exceeds one hundred thousand dollars (\$100,000), such Options will be treated as Nonstatutory Stock Options. For purposes of this Section 6(a), Incentive Stock Options will be taken into account in the order in which they were granted and in accordance with Section 2(p)(i-iv). The Fair Market Value of the Shares will be determined as of the day/date the Option with respect to such Shares is granted. With respect to the Committee's authority in Section 4(b)(viii), if, at the time of any such extension, the exercise price per Share of the Option is less than the Fair Market Value of a Share, the extension shall, unless otherwise determined by the Committee, be limited to the earlier of (1) the maximum term of the Option as set by its original terms, or (2) ten (10) years from the grant date. Unless otherwise determined by the Committee, any extension of the term of an Option pursuant to this Section 4(b)(viii) shall comply with Code Section 409A to the extent necessary to avoid taxation thereunder. (b) Term of Option. The term of each Option will be stated in the Award Agreement. In the case of an Incentive Stock Option, the term will be ten (10) years from the date of grant or such shorter term as may be provided in the Award Agreement. Moreover, in the case of an Incentive Stock Option granted to a Participant who, at the time the Incentive Stock Option is granted, owns stock representing more than ten percent (10%) of the total combined voting power of all classes of stock of the Company or any Parent or Subsidiary, the term of the Incentive Stock Option will be five (5) years from the date of grant or such shorter term as may be provided in the Award Agreement. (c) Option Exercise Price and Consideration. (i) Exercise Price. The per share exercise price for the Shares to be issued pursuant to exercise of an Option will be determined by the Administrator, subject to the following: (1) In the case of an Incentive Stock Option (A) granted to an Employee who, at the time the Incentive Stock Option is granted, owns stock representing more than ten percent (10%) of the voting power of all classes of stock of the Company or any Parent or Subsidiary, the per Share exercise price will be no less than one hundred ten percent (110%) of the Fair Market Value per Share on the date of grant. (B) granted to any Employee other than an Employee described in paragraph (A) immediately above, the per Share exercise price will be no less than one hundred percent (100%) of the Fair Market Value per Share on the date of grant. (2) In the case of a Nonstatutory Stock Option, the per Share exercise price will be no less than one hundred percent (100%) of the Fair Market Value per Share on the date of grant. (3) Notwithstanding the foregoing, Options may be granted with a per Share exercise price of less than one hundred percent (100%) of the Fair Market Value per Share on the date of grant pursuant to a transaction described in, and in a manner consistent with, Section 424(a) of the Code. (ii) Waiting Period and Exercise Dates. At the time an Option is granted, the Administrator will fix the period within which the Option may be exercised and will determine any conditions that must be satisfied before the Option may be exercised. (iii) Form of Consideration. The Administrator will determine the acceptable form of consideration for exercising an Option, including the method of payment. In the case of an Incentive Stock Option, the Administrator will determine the acceptable form of consideration at the time of grant. Such consideration for both types of Options may consist entirely of: (1) cash; (2) check; (3) promissory note, to the extent permitted by Applicable Laws; (4) other Shares, provided that such Shares have a Fair Market Value on the date of surrender equal to the aggregate exercise price of the Shares as to which such Option will be exercised and provided that accepting such Shares will not result in any adverse accounting consequences to the Company, as the Administrator determines in its sole discretion; (5) consideration received by the Company under a broker-assisted (or other) cashless exercise program (whether through a broker or otherwise) implemented by the Company in connection with the Plan; (6) by net exercise; (7) such other consideration and method of payment for the issuance of Shares to the extent permitted by Applicable Laws; or (8) any combination of the foregoing methods of payment. (d) Exercise of Option. (i) Procedure for Exercise; Rights as a Stockholder. Any Option granted hereunder will be exercisable according to the terms of the Plan and at such times and under such conditions as determined by the Administrator and set forth in the Award Agreement. An Option may not be exercised for a fraction of a Share. An Option will be deemed exercised when the Company receives: (i) a notice of exercise (in such form as the Administrator may specify from time to time) from the person entitled to exercise the Option, and (ii) full payment for the Shares with respect to which the Option is exercised (together with applicable withholding taxes). Full payment may consist of any consideration and method of payment authorized by the Administrator and permitted by the Award Agreement and the Plan. Shares issued upon exercise of an Option will be issued in the name of the Participant or, if requested by the Participant, in the name of the Participant and his or her spouse. Until the Shares are issued (as evidenced by the appropriate entry on the books of the Company or of a duly authorized transfer agent of the Company), no right to vote or receive dividends or any other rights as a stockholder will exist with respect to the Shares subject to an Option, notwithstanding the exercise of the Option. (A) The Company will issue (or cause to be issued) such Shares promptly after the Option is exercised. No adjustment will be made for a dividend or other right for which the record date is prior to the date the Shares are issued, except as provided in Section 13 of the Plan. (ii) Termination of Relationship as a Service Provider. If a Participant ceases to be a Service Provider, other than upon the Participant's termination as the result of the Participant's death or Disability, the Participant may exercise his or her Option within such period of time as is specified in the Award Agreement to the extent that the Option is vested on the date of termination (but in no event later than the expiration of the term of such Option as set forth in the Award Agreement). In the absence of a specified time in the Award Agreement, the Option will remain exercisable for three (3) months following the Participant's termination. Unless otherwise provided by the Administrator, if on the date of termination the Participant is not vested as to his or her entire Option, the Shares covered by the unvested portion of the Option will revert to the Plan. If after termination the Participant does not exercise his or her Option within the time specified by the Administrator, the Option will terminate, and the Shares covered by such Option will revert to the Plan. (iii) Disability of Participant. If a Participant ceases to be a Service Provider as a result of the Participant's Disability, the Participant may exercise his or her Option within such period of time as is specified in the Award Agreement to the extent that the Option is vested on the date of termination (but in no event later than the expiration of the term of such Option as set forth in the Award Agreement). In the absence of a specified time in the Award Agreement, the Option will remain exercisable for twelve (12) months following the Participant's termination. Unless otherwise provided by the Administrator, if on the date of termination the Participant is not vested as to his or her entire Option, the Shares covered by the unvested portion of the Option will revert to the Plan. If after termination the Participant does not exercise his or her Option within the time specified by the Administrator, the Option will terminate, and the Shares covered by such Option will revert to the Plan. (iv) Death of Participant. If a Participant dies while a Service Provider, the Option may be exercised following the Participant's death within such period of time as is specified in the Award Agreement to the extent that the Option is vested on the date of death (but in no event may the Option be exercised later than the expiration of the term of such Option as set forth in the Award Agreement), by the Participant's designated beneficiary, provided such beneficiary has been designated prior to the Participant's death in a form acceptable to the Administrator. If no such beneficiary has been designated by the Participant, then such Option may be exercised by the personal representative of the Participant's estate or by the person(s) to whom the Option is transferred pursuant to the Participant's will or in accordance with the laws of descent and distribution. In the absence of a specified time in the Award Agreement, the Option will remain exercisable for twelve (12) months following the Participant's death. Unless otherwise provided by the Administrator, if at the time of death Participant is not vested as to his or her entire Option, the Shares covered by the unvested portion of the Option will immediately revert to the Plan. If the Option is not so exercised within the time specified herein, the Option will terminate, and the Shares covered by such Option will revert to the Plan. 7. Restricted Stock. (a) Grant of Restricted Stock. Subject to the terms and provisions of the Plan, the Administrator, at any time and from time to time, may grant Shares of Restricted Stock to Service Providers in such amounts as the Administrator, in its sole discretion, will determine. (b) Restricted Stock Agreement. Each Award of Restricted Stock will be evidenced by an Award Agreement that will specify the Period of Restriction, the number of Shares granted, and such other terms and conditions as the Administrator, in its sole discretion, will determine. Unless the Administrator determines otherwise, the Company as escrow agent will hold Shares of Restricted Stock until the restrictions on such Shares have lapsed. (c) Transferability. Except as provided in this Section 7 or the Award Agreement, Shares of Restricted Stock may not be sold, transferred, pledged, assigned, or otherwise alienated or hypothecated until the end of the applicable Period of Restriction. (d) Other Restrictions. The Administrator, in its sole discretion, may impose such other restrictions on Shares of Restricted Stock as it may deem advisable or appropriate. (e) Removal of Restrictions. Except as otherwise provided in this Section 7, Shares of Restricted Stock covered by each Restricted Stock grant made under the Plan will be released from escrow as soon as practicable after the last day of the Period of Restriction or at such other time as the Administrator may determine. The Administrator, in its discretion, may accelerate the time at which any restrictions will lapse or be removed. (f) Voting Rights. During the Period of Restriction, Service Providers holding Shares of Restricted Stock granted hereunder may exercise full voting rights with respect to those Shares, unless the Administrator determines otherwise. (g) Dividends and Other Distributions. During the Period of Restriction, Service Providers holding

Shares of Restricted Stock will be entitled to receive all dividends and other distributions paid with respect to such Shares, unless the Administrator provides otherwise. If any such dividends or distributions are paid in Shares, the Shares will be subject to the same restrictions on transferability and forfeitability as the Shares of Restricted Stock with respect to which they were paid. (h) Return of Restricted Stock to Company. On the date set forth in the Award Agreement, the Restricted Stock for which restrictions have not lapsed will be cancelled and returned as unissued Shares to the Company and again will become available for grant under the Plan. 8. Restricted Stock Units. (a) Grant. Restricted Stock Units may be granted at any time and from time to time as determined by the Administrator. After the Administrator determines that it will grant Restricted Stock Units under the Plan, it will advise the Participant in an Award Agreement of the terms, conditions, and restrictions (if any) related to the grant, including the number of Restricted Stock Units into which the dollar value of the grant has been converted. (b) Vesting Criteria and Other Terms. The Administrator will set vesting criteria in its discretion. If all of the criteria are met the number of Restricted Stock Units that are vested will convert into fully paid, non-assessable Shares, on a one-for-one basis, and be released to the Participant. The Administrator may set vesting criteria based upon the achievement of Company- wide, business unit, or individual goals (including, but not limited to, continued employment), or any other basis (including the passage of time) determined by the Administrator in its discretion. (c) Earning Restricted Stock Units. Upon meeting the applicable vesting criteria, the Participant will be entitled to receive a payout as determined by the Administrator. Notwithstanding the foregoing, at any time after the grant of Restricted Stock Units, the Administrator, in its sole discretion, may reduce or waive any vesting criteria that must be met to receive a payout. Each Restricted Stock Unit is equal to one Share, or the cash equivalent of one Share as determined by the Fair Market Value on the date of payment therefor. (d) Dividend Equivalents. The Administrator may, in its sole discretion, award dividend equivalents in connection with the grant of Restricted Stock Units that may be settled in cash, in Shares of equivalent value, or in some combination thereof. (e) Form and Timing of Payment. Payment of earned Restricted Stock Units will be made upon the date(s) determined by the Administrator and set forth in the Award Agreement. The Administrator, in its sole discretion, may only settle earned Restricted Stock Units in cash, Shares, or a combination of both. (f) Cancellation. On the date set forth in the Award Agreement, all Shares underlying any unvested, unexpired Restricted Stock Units will be forfeited to the Company for future issuance. 9. Stock Appreciation Rights. (a) Grant of Stock Appreciation Rights. Subject to the terms and conditions of the Plan, a Stock Appreciation Right may be granted to Service Providers at any time and from time to time as will be determined by the Administrator, in its sole discretion. (b) Number of Shares. The Administrator will have complete discretion to determine the number of Stock Appreciation Rights granted to any Service Provider. (c) Exercise Price and Other Terms. The per share exercise price for the Shares to be issued pursuant to exercise of a Stock Appreciation Right will be determined by the Administrator and will be no less than one hundred percent (100%) of the Fair Market Value per Share on the date of grant. Otherwise, the Administrator, subject to the provisions of the Plan, will have complete discretion to determine the terms and conditions of Stock Appreciation Rights granted under the Plan. A (d) Stock Appreciation Right Agreement. Each Stock Appreciation Right grant will be evidenced by an Award Agreement that will specify the exercise price, the term of the Stock Appreciation Right, the conditions of exercise, and such other terms and conditions as the Administrator, in its sole discretion, will determine. (e) Expiration of Stock Appreciation Rights. A Stock Appreciation Right granted under the Plan will expire upon the date determined by the Administrator, in its sole discretion, and set forth in the Award Agreement. Notwithstanding the foregoing, the rules of Section 6(b) relating to the maximum term and Section 6(d) relating to exercise also will apply to Stock Appreciation Rights. (f) Payment of Stock Appreciation Right Amount. Upon exercise of a Stock Appreciation Right, a Participant will be entitled to receive payment from the Company in an amount determined by multiplying: (i) The difference between the Fair Market Value of a Share on the date of exercise over the exercise price; times (ii) The number of Shares with respect to which the Stock Appreciation Right is exercised. At the discretion of the Administrator, the payment upon Stock Appreciation Right exercise may be in cash, in Shares of equivalent value, or in some combination thereof. 10. Performance Units and Performance Shares. (a) Grant of Performance Units/Shares. Performance Units and Performance Shares may be granted to Service Providers at any time and from time to time, as will be determined by the Administrator, in its sole discretion. The Administrator will have complete discretion in determining the number of Performance Units and Performance Shares granted to each Participant. (b) Value of Performance Units/Shares. Each Performance Unit will have an initial value that is established by the Administrator on or before the date of grant. Each Performance Share will have an initial value equal to the Fair Market Value of a Share on the date of grant. (c) Performance Objectives and Other Terms. The Administrator will set Performance Goals or other vesting provisions (including, without limitation, continued status as a Service Provider) in its discretion which, depending on the extent to which they are met, will determine the number or value of Performance Units/Shares that will be paid out to the Service Providers. The time period during which the performance objectives or other vesting provisions must be met will be called the *Performance Period*. Each Award of Performance Units/Shares will be evidenced by an Award Agreement that will specify the Performance Period, and such other terms and conditions as the Administrator, in its sole discretion, will determine. The Administrator may set performance objectives based upon the achievement of Company-wide, divisional, or individual goals, applicable federal or state securities laws, or any other basis determined by the Administrator in its discretion. (d) Measurement of Performance Goals. Performance Goals shall be established by the Committee on the basis of targets to be attained (*Performance Targets*) with respect to one or more measures of business or financial performance (each, a *Performance Measure*), subject to the following: (i) Performance Measures. For each Performance Period, the Committee shall establish and set forth in writing the Performance Measures, if any, and any particulars, components and adjustments relating thereto, applicable to each Participant. The Performance Measures, if any, will be objectively measurable and will be based upon the achievement of a specified percentage or level in one or more objectively defined and non-discretionary factors preestablished by the Committee. Performance Measures may be one or more of the following, as determined by the Committee: (1) sales or non-sales revenue; (2) return on revenues; (3) operating income; (4) income or earnings including operating income; (5) income or earnings before or after taxes, interest, depreciation and/or amortization; (6) income or earnings from continuing operations; (7) net income; (8) pre-tax income or after-tax income; (9) net income excluding amortization of intangible assets, depreciation and impairment of goodwill and intangible assets and/or excluding charges attributable to the adoption of new accounting pronouncements; (10) raising of financing or fundraising; (11) project financing; (12) revenue backlog; (13) gross margin; (14) operating margin or profit margin; (15) capital expenditures, cost targets, reductions and savings and expense management; (16) return on assets (gross or net), return on investment, return on capital, or return on stockholder equity; (17) cash flow, free cash flow, cash flow return on investment (discounted or otherwise), net cash provided by operations, or cash flow in excess of cost of capital; (18) performance warranty and/or guarantee claims; (19) stock price or total *Stockholder return*; (20) earnings or book value per share (basic or diluted); (21) economic value created; (22) pre-tax profit or after-tax profit; (23) strategic business criteria, consisting of one or more objectives based on meeting specified market penetration or market share, completion of strategic agreements such as licenses, funded collaborations, joint ventures, acquisitions, and the like, geographic business expansion, objective customer satisfaction or information technology goals, intellectual property asset metrics; (24) objective goals relating to divestitures, joint ventures, mergers, acquisitions and similar transactions; (25) objective goals relating to staff management, results from staff attitude and/or opinion surveys, staff satisfaction scores, staff safety, staff accident and/or injury rates, compliance, headcount, performance management, completion of critical staff training initiatives; (26) objective goals relating to projects, including project completion, timing and/or achievement of milestones, project budget, technical progress against work plans; (27) key regulatory objectives or milestones; and (28) enterprise resource planning. Awards issued to Participants who are not subject to the limitations of Code Section 162(m) or Awards to Participants that are not intended to comply with the requirements of Code Section 162(m) may, in either case, take into account other factors (including subjective factors). Performance Goals may differ from Participant to Participant, Performance Period to Performance Period and from Award to Award. Any criteria used may be measured, as applicable, (1) in absolute terms, (2) in relative terms (including, but not limited to, any increase (or decrease) over the passage of time and/or any measurement against other companies or financial or business or stock index metrics particular to the Company), (3) on a per share and/or per share per capita basis, (4) against the performance of the Company as a whole or against any affiliate(s), or a particular segment(s), a business unit(s) or a product(s) of the Company or individual project company, (5) on a pre-tax or after-tax basis, and/or (6) using an actual foreign exchange rate or on a foreign exchange neutral basis. (ii) Committee Discretion on Performance Measures. As determined in the discretion of the Committee, the Performance Measures for any Performance Period may (a) differ from Participant to Participant and from Award to Award, (b) be based on the performance of the Company as a whole or the performance of a specific Participant or one or more subsidiaries, divisions, departments, regions, stores, segments, products, functions or business units of the Company or individual project company, (c) be measured on a per share, per capita, per unit, per square foot, per employee, per store basis, and/or other objective basis (d) be measured on a pre-tax or after-tax basis, and (e) be measured on an absolute basis or in relative terms (including, but not limited to, the passage of time and/or against other companies, financial metrics and/or an index). Without limiting the foregoing, the Committee shall adjust any performance criteria, Performance Measures or other feature of an Award that relates to or is wholly or partially based on the number of, or the value of, any stock of the Company, to reflect any stock dividend or split, repurchase, recapitalization, combination, or exchange of shares or other similar changes in such stock. Awards that are not intended by the Company to comply with the performance-based compensation exception under Code Section 162(m) may take into account other factors (including subjective factors). (e) Earning of Performance Units/Shares. After the applicable Performance Period has ended, the holder of Performance Units/Shares will be entitled to receive a payout of the number of Performance Units/Shares earned by the Participant over the Performance Period, to be determined as a function of the extent to which the corresponding Performance Goals or other vesting provisions have been achieved. After the grant of a Performance Unit/Share, the Administrator, in its sole discretion, may reduce or waive any Performance Goals or other vesting provisions for such Performance Unit/Share. (f) Form and Timing of Payment of Performance Units/Shares. Payment of earned Performance Units/Shares will be made upon the time set forth in the applicable Award Agreement. The Administrator, in its sole discretion, may pay earned Performance Units/Shares in the form of cash, in Shares (which have an aggregate Fair Market Value equal to the value of the earned Performance Units/Shares at the close of the applicable Performance Period) or in a combination thereof. (g) Cancellation of Performance Units/Shares. On the date set forth in the Award Agreement, all unearned or unvested Performance Units/Shares will be forfeited to the Company, and again will be available for grant under the Plan. 11. Leaves of Absence/Transfer Between Locations. Unless the Administrator provides otherwise, vesting of Awards granted hereunder will be suspended during any unpaid leave of absence unless contrary to Applicable Law. A Participant will not cease to be an Employee in the case of (i) any leave of absence approved by the Participant's employer or (ii) transfers between locations of the Company or between the Company, its Parent, or any Subsidiary. For purposes of Incentive Stock Options, no such leave may exceed three (3) months, unless reemployment upon expiration of such leave is guaranteed by statute or contract. If reemployment upon expiration of a leave of absence approved by the Participant's employer is not so guaranteed, then six (6) months following the first (1st) day of such leave any Incentive Stock Option held by the Participant will cease to be treated as an Incentive Stock Option and will be treated for tax purposes as a Nonstatutory Stock Option. 12. Transferability of Awards. Unless determined otherwise by the Administrator, an Award may not be sold, pledged, assigned, hypothecated, transferred, or disposed of in any manner other than by will or by the laws of descent or distribution and may be exercised, during the lifetime of the Participant, only by the Participant. If the Administrator makes an Award transferable, such Award will contain such additional terms and conditions as the Administrator deems appropriate. 13. Adjustments; Dissolution or Liquidation; Merger or Change in Control. (a) Adjustments. In the event of a stock split, reverse stock split, stock dividend, combination, consolidation, recapitalization (including a recapitalization through a large nonrecurring cash dividend) or reclassification of the Shares, subdivision of the Shares, a rights offering, a reorganization, merger, spin-off, split-up, repurchase, or exchange of Common Stock or other securities of the Company or other significant corporate transaction, or other change affecting the Common Stock occurs, the Administrator, in order to prevent dilution or enlargement of the benefits or potential benefits intended to be made available under the Plan, will, in such manner as it may deem equitable, adjust the number, kind and class of securities that may be delivered under the Plan and/or the number, class, kind and price of securities covered by each outstanding Award in accordance with the Plan, the numerical Share limits in Section 3 of the Plan. Notwithstanding the foregoing, all adjustments under this Section 13 shall be made in a manner that does not result in taxation under Code Section 409A. (b) Dissolution or Liquidation. In the event of the proposed winding up, dissolution or liquidation of the Company, the Administrator will notify each Participant as soon as practicable prior to the effective date of such proposed transaction. To the extent it has not been previously exercised, an Award will terminate immediately prior to the consummation of such proposed action. (c) Change in Control. In the event of a merger or Change in Control, each outstanding Award will be treated as the Administrator determines, including, without limitation, that each Award be assumed, cancelled or an equivalent option or right substituted by the successor corporation or a Parent or Subsidiary of the successor corporation. The Administrator will not be required to treat all Awards similarly in the transaction. Except as set forth in an Award Agreement, in the event that the successor corporation does not assume or substitute for the Award, the Participant will fully vest in and have the right to exercise all of his or her outstanding Options and Stock Appreciation Rights, including Shares as to which such Awards would not otherwise be vested or exercisable, all restrictions on Restricted Stock and Restricted Stock Units will lapse, and, with respect to Awards with performance-based vesting, all Performance Goals or other vesting criteria will be deemed achieved at one hundred percent (100%) of target levels and all other terms and conditions met. In addition, if an Option or Stock Appreciation Right is not assumed or substituted in the event of a Change in Control, the Administrator will notify the Participant in writing or electronically that the Option or Stock Appreciation Right will be exercisable for a period of time determined by the Administrator in its sole discretion, and the Option or Stock Appreciation Right will terminate upon the expiration of such period. For the purposes of this subsection (c), an Award will be considered assumed if, following the Change in Control, the Award confers the right to purchase or receive, for each Share subject to the Award immediately prior to the Change in Control, the consideration (whether stock, cash, or other securities or property) received in the Change in Control by holders of Common Stock for each Share held on the effective date of the transaction (and if holders were offered a choice of consideration, the type of consideration chosen by the holders of a majority of the outstanding Shares); provided, however, that if such consideration received in the Change in Control is not solely common stock of the successor corporation or its Parent, the Administrator may, with the consent of the successor corporation, provide for the consideration to be received upon the exercise of an Option or Stock Appreciation Right or upon the payout of a Restricted Stock Unit, Performance Unit or Performance Share, for each Share subject to such Award, to be solely common stock of the successor corporation or its Parent equal in fair market value to the per share consideration received by holders of Common Stock in the Change in Control. A Notwithstanding anything in this Section 13(c) to the contrary, an Award that vests, is earned or paid-out upon the satisfaction of one or more Performance Goals will not be considered assumed if the Company or its successor modifies any of such Performance Goals without the Participant's consent; provided, however, a modification to such Performance Goals only to reflect the successor corporation's post-Change in Control corporate structure will not be deemed to invalidate an otherwise valid Award assumption. 14. Tax. (a) Withholding Requirements. Prior to the delivery of any Shares or cash pursuant to an Award (or exercise thereof) or prior to any time the Award or Shares are subject to taxation, the Company and/or the Participant's employer will have the power and the right to deduct or withhold, or require a Participant to remit to the Company, an amount sufficient to satisfy federal, state, local, foreign or other taxes (including the Participant's FICA obligation or social insurance contributions) required to be withheld with respect to such Award (or exercise thereof). (b) Withholding Arrangements. The Administrator, in its sole discretion and pursuant to such procedures as it may specify from time to time, may permit a Participant to satisfy such tax withholding obligation, in whole or in part by (without limitation) (a) paying cash, (b) electing to have the Company withhold otherwise deliverable cash or Shares having a Fair Market Value equal to the minimum statutory amount required to be withheld (to the extent required to avoid adverse accounting consequences), or (c) delivering to the Company already-owned Shares having a Fair Market Value equal to the minimum statutory amount required to be withheld to the extent required to avoid adverse accounting consequences or Shares having a Fair Market Value in excess of such amount that have been held for such period required to avoid adverse accounting consequences. Except as otherwise determined by the Administrator, the Fair Market Value of the Shares to be withheld or delivered will be determined as of the date that the taxes are required to be withheld. (c) Compliance With Code Section 409A. Awards will be designed and operated in such a manner that they are either exempt from the application of, or comply with, the requirements of Code Section 409A such that the grant, payment, settlement or deferral will not be subject to the additional tax or interest applicable under Code Section 409A. The Plan and each Award Agreement under the Plan is intended to meet the requirements of Code Section 409A (or an exemption therefrom) and will be construed and interpreted in accordance with such intent, except as otherwise determined in the sole discretion of the Administrator. To the extent that an Award or payment, or the settlement or deferral thereof, is subject to Code Section 409A the Award will be granted, paid, settled or deferred in a manner that will meet the requirements of Code Section 409A (or an exemption therefrom), such that the grant, payment, settlement or deferral will not be subject to the additional tax or interest applicable under Code Section 409A. In

no event will the Company be responsible for or reimburse a Participant for any taxes or other penalties incurred as a result of the application of Code Section 409A. 15. No Effect on Employment or Service. Neither the Plan nor any Award will confer upon a Participant any right with respect to continuing the Participantâ€™s relationship as a Service Provider with the Company, or (if different) the Participantâ€™s employer, nor will they interfere in any way with the Participantâ€™s right or the Participantâ€™s employerâ€™s right to terminate such relationship at any time, with or without cause, to the extent permitted by Applicable Laws. 16. Date of Grant. The date of grant of an Award will be, for all purposes, the date on which the Administrator makes the determination granting such Award, or such other later date as is determined by the Administrator. Notice of the determination will be provided to each Participant within a reasonable time after the date of such grant. 17. Term of Plan. Subject to Section 21 of the Plan, the Plan will become effective upon the earlier of its adoption by the Board or the Companyâ€™s stockholders. It will continue in effect for a term of ten (10) years from such effective date, unless terminated earlier under Section 18 of the Plan. 18. Amendment and Termination of the Plan. (a) Amendment and Termination. The Committee may at any time amend, alter, suspend or terminate the Plan. (b) Stockholder Approval. The Company will obtain stockholder approval of any Plan amendment to the extent necessary and desirable to comply with Applicable Laws. (c) Effect of Amendment or Termination. No amendment, alteration, suspension or termination of the Plan will impair the rights of any Participant, unless mutually agreed otherwise between the Participant and the Administrator, which agreement must be in writing and signed by the Participant and the Company. Termination of the Plan will not affect the Administratorâ€™s ability to exercise the powers granted to it hereunder with respect to Awards granted under the Plan prior to the date of such termination. 19. Conditions Upon Issuance of Shares. (a) Legal Compliance. Shares will not be issued pursuant to the exercise of an Award unless the exercise of such Award and the issuance and delivery of such Shares will comply with Applicable Laws and will be further subject to the approval of counsel for the Company with respect to such compliance. (b) Investment Representations. As a condition to the exercise of an Award, the Company may require the person exercising such Award to represent and warrant at the time of any such exercise that the Shares are being purchased only for investment and without any present intention to sell or distribute such Shares if, in the opinion of counsel for the Company, such a representation is required. 20. Inability to Obtain Authority. The inability of the Company to obtain authority from any regulatory body having jurisdiction, which authority is deemed by the Companyâ€™s counsel to be necessary to the lawful issuance and sale of any Shares hereunder, will relieve the Company of any liability in respect of the failure to issue or sell such Shares as to which such requisite authority will not have been obtained. 21. Stockholder Approval. The Plan will be subject to approval by the stockholders of the Company within twelve (12) months after the date the Plan is adopted by the Board. Such stockholder approval will be obtained in the manner and to the degree required under Applicable Laws. 22. Governing Law. The Plan and all Awards hereunder shall be construed in accordance with and governed by the laws of the State of Delaware, but without regard to its conflict of law provisions. A. ARCADIA BIOSCIENCES, INC. 2015 OMNIBUS EQUITY INCENTIVE PLAN STOCK OPTION AWARD AGREEMENT Unless otherwise defined herein, the terms defined in the Arcadia Biosciences, Inc. 2015 Omnibus Equity Incentive Plan (the â€œPlanâ€) will have the same defined meanings in this Stock Option Award Agreement (the â€œAward Agreementâ€). NOTICE OF STOCK OPTION GRANT You (â€œParticipantâ€) have been granted a U.S. Nonstatutory Stock Option to purchase Common Stock of Arcadia Biosciences, Inc. (the â€œCompanyâ€), subject to the terms and conditions of the Plan and this Award Agreement. The date of the award, vesting schedule, exercise price per share and total number of options awarded are set out in detail in your AST Equity Plan Solutions (â€œASTâ€) online account. Vesting Schedule: Subject to any acceleration provisions contained in the Plan or set forth below, this Option may be exercised, in whole or in part, in accordance with the following schedule: [Insert vesting schedule] Termination Period/Expiration Date: The Option will be exercisable for three (3) months after Participant ceases to be a Service Provider, unless such termination is due to Participantâ€™s death or Disability, in which case the Option will be exercisable for twelve (12) months after Participant ceases to be a Service Provider (collectively, the â€œTermination Periodâ€). The term of this Agreement shall be ten (10) years from the date of the award, at which time the Agreement will expire (the â€œExpiration Dateâ€). Any vested but unexercised options that remain outstanding as of the Expiration Date shall be forfeited. In no event may the Option be exercised after the Termination Period or Expiration Date as provided above and may be subject to earlier termination as provided in Section 13 of the Plan. A. A. A. TERMS AND CONDITIONS OF STOCK OPTION GRANT 1. Grant of Option. The Company hereby grants to the Participant (the â€œParticipantâ€) an option (the â€œOptionâ€) to purchase that number of Shares set forth in the Participantâ€™s AST online account, at the exercise price per Share indicated therein (the â€œExercise Priceâ€), subject to all of the terms and conditions in this Award Agreement and the Plan, which is incorporated herein by reference. Subject to Section 13 of the Plan, in the event of a conflict between the terms and conditions of the Plan and the terms and conditions of this Award Agreement, the terms and conditions of the Plan will prevail. If designated in the Notice of Stock Option Grant as an Incentive Stock Option (â€œISOâ€), this Option is intended to qualify as an ISO under Section 422 of the U.S. Internal Revenue Code of 1986, as amended (the â€œCodeâ€). However, if this Option is intended to be an ISO, to the extent that it exceeds the \$100,000 rule of Code Section 422(d) it will be treated as a Nonstatutory Stock Option (â€œNSOâ€). Further, if for any reason this Option (or portion thereof) will not qualify as an ISO, then, to the extent of such nonqualification, such Option (or portion thereof) shall be regarded as an NSO granted under the Plan. In no event will the Administrator, the Company or any Parent or Subsidiary or any of their respective employees or directors have any liability to Participant (or any other person) due to the failure of the Option to qualify for any reason as an ISO. 2. Vesting Schedule. Except as provided in Section 3, the Option awarded by this Award Agreement will vest in accordance with the vesting provisions set forth in the Notice of Stock Option Grant section above. Shares scheduled to vest on a certain date or upon the occurrence of a certain condition will not vest in Participant in accordance with any of the provisions of this Award Agreement, unless Participant will have been continuously a Service Provider from the Date of Grant until the date such vesting occurs. Service Provider status will end on the day that notice of termination is provided whether oral or written (whether by the Company or Parent or Subsidiary for any reason or by Participant upon resignation) and will not be extended by any notice period that may be required contractually or under applicable local law. Notwithstanding the foregoing, the Administrator (or any delegate) shall have the sole and absolute discretion to determine when Participant is no longer providing active service for purposes of Service Provider status and participation in the Plan. 3. Administrator Discretion. The Administrator, in its discretion, may accelerate the vesting of the balance, or some lesser portion of the balance, of the unvested Option at any time, subject to the terms of the Plan. If so accelerated, such Option will be considered as having vested as of the date specified by the Administrator. 4. Exercise of Option. (a) Right to Exercise. This Option may be exercised only within the term set out in the Notice of Grant, and may be exercised during such term only in accordance with the Plan and the terms of this Award Agreement. (b) Methods of Exercise. The AST online platform allows you to input different transactions, such as: (i) â€œCashless Exercise,â€ whereby you exercise and sell all your vested options and receive the proceeds, net of option costs and applicable taxes, by check or direct deposit (a â€œcashless exerciseâ€); or (ii) â€œSell to Cover,â€ whereby you sell only enough of the vested options to cover the costs for all the option shares and applicable taxes, and receive the balance of shares in an account of your choosing; or (iii) â€œCash,â€ whereby vested options are exercised by remitting payment for the option costs and applicable taxes and shares are received in an account of your choosing. A. 5. Method of Payment. Payment of the aggregate Exercise Price will be by any of the following, or a combination thereof, at the election of Participant, unless AST in its sole discretion requires a specific method of payment: A. (a) cash (U.S. dollars); or (b) check (denominated in U.S. dollars); or (c) wire transfer (contact AST for wire instructions). Participant understands and agrees that any cross-border remittance made to exercise this option or transfer proceeds received upon the sale of Stock must be made through a locally authorized financial institution or registered foreign exchange agency and may require the Participant to provide such entity with certain information regarding the transaction. 6. Tax Obligations. (a) Withholding Taxes. Regardless of any action the Company or Participantâ€™s employer (the â€œEmployerâ€) takes with respect to any or all applicable national, local, or other tax or social contribution, withholding, required deductions, or other payments, if any, that arise upon the grant, vesting, or exercise of this Option, the holding or subsequent sale of Shares, and the receipt of dividends, if any (â€œTax-Related Itemsâ€), Participant acknowledges and agrees that the ultimate liability for all Tax-Related Items legally due by Participant is and remains Participantâ€™s responsibility and may exceed the amount actually withheld by the Company, the Employer, or AST. Participant further acknowledges that the Company, the Employer, or AST (a) makes no representations or undertakings regarding the treatment of any Tax-Related Items in connection with any aspect of the Option, including the grant, vesting, or exercise of the Option, the subsequent sale of Shares acquired under the Plan and the receipt of dividends, if any; and (b) does not commit to and is under no obligation to structure the terms of the Option or any aspect of the Option to reduce or eliminate Participantâ€™s liability for Tax-Related Items, or achieve any particular tax result. Further, if Participant has become subject to tax in more than one jurisdiction between the date of grant and the date of any relevant taxable event, Participant acknowledges that the Company, the Employer (or former employer, as applicable), or AST may be required to withhold or account for Tax-Related Items in more than one jurisdiction. (b) No payment will be made to Participant (or his or her estate or beneficiary) for an Option unless and until satisfactory arrangements (as determined by the Company) have been made by Participant with respect to the payment by the Company, the Employer, or AST of any Tax-Related Items with respect to the Option. In this regard, Participant authorizes the Company, the Employer, or AST, or their respective agents, at their discretion, to satisfy the obligations with regard to all Tax-Related Items by one or a combination of the following: (i) withholding from Participantâ€™s wages or other cash compensation paid to Participant by the Company or the Employer; or (ii) withholding from proceeds of the sale of Shares acquired upon exercise of the Option, either through a voluntary sale or through mandatory sale arranged by the Company (on Participantâ€™s behalf pursuant to this authorization); or (iii) withholding in Shares to be issued upon exercise of the Option; or (iv) surrendering already-owned Shares having a Fair Market Value equal to the Tax-Related Items that have been held for such period of time to avoid adverse accounting consequences. A. If the obligation for Tax-Related Items is satisfied by withholding Shares, the Participant is deemed to have been issued the full number of Shares purchased for tax purposes, notwithstanding that a number of the Shares is held back solely for the purpose of paying the Tax-Related Items due as a result of the Participantâ€™s participation in the Plan. Participant shall pay to the Company, the Employer, or AST any amount of Tax-Related Items that the Company may be required to withhold as a result of Participantâ€™s participation in the Plan that cannot be satisfied by one or more of the means previously described in this paragraph. 6. Participant acknowledges and agrees that the Company may refuse to honor the exercise and refuse to issue or deliver the Shares or the proceeds of the sale of Shares if Participant fails to comply with his or her obligations in connection with the Tax-Related Items. (b) Notice of Disqualifying Disposition of ISO Shares. If the Option granted to Participant herein is an ISO, and if Participant sells or otherwise disposes of any of the Shares acquired pursuant to the ISO on or before the later of (i) the date two (2) years after the Grant Date, or (ii) the date one (1) year after the date of exercise, Participant will immediately notify the Company in writing of such disposition. Participant agrees that A. Participant may be subject to income tax withholding by the Company on the compensation income recognized by Participant. (c) Code Section 409A (Applicable Only to Participants Subject to U.S. Taxes). Under Code Section 409A, an option that vests after December 31, 2004 (or that vested on or prior to such date but which was materially modified after October 3, 2004) that was granted with a per Share exercise price that is determined by the Internal Revenue Service (the â€œIRSâ€) to be less than the Fair Market Value of a Share on the date of grant (a â€œDiscount Optionâ€) may be considered â€œdefeferred compensation.â€ A Discount Option may result in (i) income recognition by Participant prior to the exercise of the option, (ii) an additional twenty percent (20%) federal income tax, and (iii) potential penalty and interest charges. The Discount Option may also result in additional state income, penalty and interest charges to the Participant. Participant acknowledges that the Company cannot and has not guaranteed that the IRS will agree that the per Share exercise price of this Option equals or exceeds the Fair Market Value of a Share on the Date of Grant in a later examination. Participant agrees that if the IRS determines that the Option was granted with a per Share exercise price that was less than the Fair Market Value of a Share on the date of grant, Participant will be solely responsible for Participantâ€™s costs related to such a determination. 7. Rights as Stockholder. Neither Participant nor any person claiming under or through Participant will have any of the rights or privileges of a stockholder of the Company in respect of any Shares until such Shares will have been issued (as evidenced by the appropriate entry on the books of the Company or of a duly authorized transfer agent of the Company). After such issuance, Participant will have all the rights of a stockholder of the Company with respect to voting such Shares and receipt of dividends and distributions on such Shares, but prior to such issuance, Participant will not have any rights to dividends and/or distributions on such Shares. 8. No Guarantee of Continued Service. PARTICIPANT ACKNOWLEDGES AND AGREES THAT THE VESTING OF SHARES PURSUANT TO THE VESTING SCHEDULE HEREOF IS EARNED ONLY BY CONTINUING AS A SERVICE PROVIDER AT THE WILL OF THE EMPLOYER AND NOT THROUGH THE ACT OF BEING HIRED, BEING GRANTED THE OPTION OR ACQUIRING SHARES HEREUNDER. PARTICIPANT FURTHER ACKNOWLEDGES AND AGREES THAT THIS AWARD AGREEMENT, THE TRANSACTIONS CONTEMPLATED HEREUNDER AND THE VESTING SCHEDULE SET FORTH HEREIN DO NOT CONSTITUTE AN EXPRESS OR IMPLIED PROMISE OF CONTINUED ENGAGEMENT AS A SERVICE PROVIDER FOR THE VESTING PERIOD, FOR ANY PERIOD, OR AT ALL, AND WILL NOT INTERFERE IN ANY WAY WITH PARTICIPANTâ€™S RIGHT OR THE RIGHT OF THE EMPLOYER TO TERMINATE PARTICIPANTâ€™S RELATIONSHIP AS A SERVICE PROVIDER AT ANY TIME, WITH OR WITHOUT CAUSE (SUBJECT TO APPLICABLE LOCAL LAWS). A. 9. Nature of Grant. In accepting the Option, Participant acknowledges that: (a) the Plan is established voluntarily by the Company, it is discretionary in nature and it may be modified, amended, suspended or terminated by the Company at any time; (b) the grant of the Option is voluntary and occasional and does not create any contractual or other right to receive future grants of Options, or benefits in lieu of Options even if Options have been granted repeatedly in the past; (c) all decisions with respect to future awards of Options, if any, will be at the sole discretion of the Company; (d) Participantâ€™s participation in the Plan is voluntary; (e) the Option and the Shares subject to the Option are extraordinary items that do not constitute regular compensation for services rendered to the Company or the Employer, and that are outside the scope of Participantâ€™s employment contract, if any; (f) the Option and the Shares subject to the Option are not intended to replace any pension rights or compensation; (g) the Option and the Shares subject to the Option are not part of normal or expected compensation or salary for any purposes, including, but not limited to, calculating any severance, resignation, termination, redundancy, dismissal, or end of service payments, bonuses, long-service awards, pension or retirement A. welfare benefits or similar payments and in no event should be considered as compensation for, or relating in any way to, past services for the Company or the Employer; (h) the future value of the underlying Shares is unknown and cannot be predicted with certainty; further, if Participant exercises the Option and obtains Shares, the value of the Shares acquired upon exercise may increase or decrease in value, even below the Exercise Price; (i) Participant also understands that neither the Company, nor any affiliate is responsible for any foreign exchange fluctuation between local currency and the United States Dollar or the selection by the Company or any affiliate in its sole discretion of an applicable foreign currency exchange rate that may affect the value of the Option (or the calculation of income or Tax-Related Items thereunder); (j) in consideration of the grant of the Option, no claim or entitlement to compensation or damages shall arise from forfeiture of the Option resulting from termination of employment by the Employer (for any reason whatsoever and whether or not in breach of local labor laws), and Participant irrevocably releases the Employer from any such claim that may arise; if, notwithstanding the foregoing, any such claim is found by a court of competent jurisdiction to have arisen, Participant shall be deemed irrevocably to have waived his or her entitlement to pursue such claim; and (k) the Option and the benefits under the Plan, if any, will not automatically transfer to another company in the case of a merger, take-over or transfer of liability. 10. No Advice Regarding Grant. The Company is not providing any tax, legal or financial advice, nor is the Company making any recommendations regarding Participantâ€™s participation in the Plan, or Participantâ€™s acquisition or sale of the underlying Shares. Participant is hereby advised to consult with his or her own personal tax, legal and financial advisors regarding Participantâ€™s participation in the Plan before taking any action related to the Plan. 11. Data Privacy. Participant hereby explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of Participantâ€™s personal data as described in this Award Agreement by and among, as applicable, the Company and its affiliates for the exclusive purpose of implementing, administering and managing Participantâ€™s participation in the Plan. A. Participant understands that the Company and its affiliates may hold certain personal information about Participant, including, but not limited to, Participantâ€™s name, home address and telephone number, date of birth, social insurance number or other identification number, salary, nationality, job title, any shares of stock or directorships held in the Company or any affiliate, details of all Options or any other entitlement to shares of stock awarded, canceled, exercised, vested, unvested or outstanding in Participantâ€™s favor, for the exclusive purpose of implementing, administering and managing the Plan (â€œPersonal Dataâ€). Participant understands that Personal Data may be transferred to any third parties assisting in the implementation, administration and management of the Plan, that these recipients may be located in the United States, Participantâ€™s country (if different than the United States), or elsewhere, and that the recipientâ€™s country may have different data privacy laws and protections than Participantâ€™s country. For Participants located in the European Union, the following paragraph applies: Participant understands that he or she may request a list with the names and addresses of any potential recipients of the Personal Data by contacting Participantâ€™s local human resources representative. Participant authorizes the recipients to receive, possess, use,

retain and transfer the Personal Data, in electronic or other form, for the purposes of implementing, administering and managing Participantâ€™s participation in the Plan, including any requisite transfer of such Personal Data as may be required to a broker or other third party with whom Participant may elect to deposit any Shares received upon exercise of the Option. Participant understands that Personal Data will be held only as long as is necessary to implement, administer and manage Participantâ€™s participation in the Plan. Participant understands that he or she may, at any time, view Personal Data, request additional information about the storage and processing of Personal Data, require any necessary amendments to Personal Data or refuse or withdraw the consents herein, without cost, by contacting in writing Participantâ€™s local human resources representative. Participant understands that refusal or withdrawal of consent may affect Participantâ€™s ability to participate in the Plan or to realize benefits from the Option. For more information on the Â consequences of Participantâ€™s refusal to consent or withdrawal of consent, Participant understands that he or she may contact his or her local human resources representative. 12. Address for Notices. Any notice to be given to the Company under the terms of this Award Agreement will be addressed to the Company, in care of its Secretary at Arcadia Biosciences, Inc., 4222 E. Thomas Road, Suite 320, Phoenix, Arizona 85018-7609, or at such other address as the Company may hereafter designate in writing. 13. Non-Transferability of Option. This Option may not be transferred in any manner other than by will or by the laws of descent or distribution and may be exercised during the lifetime of Participant only by Participant. 14. Binding Agreement. Subject to the limitation on the transferability of this grant contained herein, this Award Agreement will be binding upon and inure to the benefit of the heirs, legatees, legal representatives, successors and assigns of the parties hereto. 15. Additional Conditions to Issuance of Stock. If at any time the Company will determine, in its discretion, that the listing, registration or qualification of the Shares upon any securities exchange or under any state, federal or foreign law, or the consent or approval of any governmental regulatory authority is necessary or desirable as a condition to the issuance of Shares to Participant (or his or her estate), such issuance will not occur unless and until such listing, registration, qualification, consent or approval will have been effected or obtained free of any conditions not acceptable to the Company. The Company will make all reasonable efforts to meet the requirements of any such state, federal or foreign law or securities exchange and to obtain any such consent or approval of any such governmental authority. Assuming such compliance, for income tax purposes the Exercised Shares will be considered transferred to Participant on the date the Option is exercised with respect to such Exercised Shares. The Company shall not be obligated to issue any Shares pursuant to this Option at any time if the issuance of Shares, or the exercise of an Option by Participant, violates or is not in compliance with any laws, rules or regulations of the United States or any state or country. Â 16. Plan Governs. This Award Agreement is subject to all terms and provisions of the Plan. In the event of a conflict between one or more provisions of this Award Agreement and one or more provisions of the Plan, the provisions of the Plan will govern. Capitalized terms used and not defined in this Award Agreement will have the meaning set forth in the Plan. 17. Administrator Authority. The Administrator will have the power to interpret the Plan and this Award Agreement and to adopt such rules for the administration, interpretation and application of the Plan as are consistent therewith and to interpret or revoke any such rules (including, but not limited to, the determination of whether or not any Shares subject to the Option have vested). All actions taken and all interpretations and determinations made by the Administrator in good faith will be final and binding upon Participant, the Company and all other interested persons. No member of the Administrator will be personally liable for any action, determination or interpretation made in good faith with respect to the Plan or this Award Agreement. 18. Electronic Delivery. The Company may, in its sole discretion, decide to deliver any documents related to Options awarded under the Plan or future options that may be awarded under the Plan by electronic means or request Participantâ€™s consent to participate in the Plan by electronic means. Participant hereby consents to receive such documents by electronic delivery and agrees to participate in the Plan through any on-line or electronic system established and maintained by the Company or another third party designated by the Company. 19. Language. If Participant has received this Award Agreement, including appendices, or any other document related to the Plan translated into a language other than English, and the meaning of the translated version is different than the English version, the English version will control. 20. Imposition of Other Requirements. The Company reserves the right to impose other requirements on Participantâ€™s participation in the Plan, on the Option and on any Shares acquired under the Plan, to the extent the Company determines it is necessary or advisable in order to comply with local law or facilitate the administration of the Plan, and to require Participant to sign any additional agreements or undertakings that may be necessary to accomplish the foregoing. Furthermore, Participant understands that the laws of the country in which he or she is A resident at the time of grant, vesting, and/or exercise of this Option or the holding or disposition of Shares (including any rules or regulations governing securities, foreign exchange, tax, labor or other matters) may restrict or prevent exercise of this Option or may subject Participant to additional procedural or regulatory requirements he or she is solely responsible for and will have to independently fulfill in relation to this Option or the Shares. Notwithstanding any provision herein, this Option and any Shares shall be subject to any special terms and conditions or disclosures as set forth in any addendum for Participantâ€™s country (the âœCountry-Specific Addendum,â€ which forms part this Award Agreement). 21. Captions. Captions provided herein are for convenience only and are not to serve as a basis for interpretation or construction of this Award Agreement. 22. Agreement Severable. In the event that any provision in this Award Agreement will be held invalid or unenforceable, such provision will be severable from, and such invalidity or unenforceability will not be construed to have any effect on, the remaining provisions of this Award Agreement. 23. Modifications to the Agreement. This Award Agreement constitutes the entire understanding of the parties on the subjects covered. Participant expressly warrants that he or she is not accepting this Award Agreement in reliance on any promises, representations, or inducements other than those contained herein. Modifications to this Award Agreement or the Plan can be made only in an express written contract executed by a duly authorized officer of the Company. Notwithstanding anything to the contrary in the Plan or this Award Agreement, the Company reserves the right to revise this Award Agreement as it deems necessary or advisable, in its sole discretion and without the consent of Participant, to comply with Code Section 409A or to otherwise avoid imposition of any additional tax or income recognition under Section 409A of the Code in connection to this Option. 24. Amendment, Suspension or Termination of the Plan. By accepting this Award, Participant expressly warrants that he or she has received an Option under the Plan, and has received, read and understood a description of the Plan. Participant understands that the Plan is discretionary in nature and may be amended, suspended or terminated by the Company at any time. Â 25. Governing Law. This Award Agreement will be governed by the laws of the State of Delaware, without giving effect to the conflict of law principles thereof. For purposes of litigating any dispute that arises under this Award Agreement, the parties hereby submit to and consent to the jurisdiction of the State of California, and agree that such litigation will be conducted in the courts of the Yolo County, California, or the federal courts for the United States for the Eastern District of California, and no other courts. By Participantâ€™s acceptance of this Agreement, Participant and the Company agree that this Option is granted under and governed by the terms and conditions of the Plan and this Award Agreement, including the Terms and Conditions of Stock Option Grant set out herein (including any country-specific addendum thereto). Participant has reviewed the Plan and this Award Agreement in their entirety, has had an opportunity to obtain the advice of counsel prior to accepting this Award Agreement and fully understands all provisions of the Plan and Award Agreement. Participant hereby agrees to accept as binding, conclusive and final all decisions or interpretations of the Administrator upon any questions relating to the Plan and Award Agreement. Participant further agrees to promptly notify the Company, or its designee, or AST, upon any change in his or her residence address. Â A ARCADIA BIOSCIENCES, INC. 2015 OMNIBUS EQUITY INCENTIVE PLAN RESTRICTED STOCK UNIT AWARD AGREEMENT Unless otherwise defined herein, the terms defined in the Arcadia Biosciences, Inc. 2015 Omnibus Equity Incentive Plan (the âœPlanâ€) will have the same defined meanings in this Restricted Stock Unit Award Agreement (the âœAward Agreementâ€). I. NOTICE OF RESTRICTED STOCK UNIT GRANT Participant Name: Address: You have been granted the right to receive an Award of Restricted Stock Units, subject to the terms and conditions of the Plan and this Award Agreement, as follows: Â A A A A A A A Grant Number Â A A A A Date of Grant Â A A A A Vesting Commencement Date Â A A A A Number of Restricted Stock Units Â Vesting Schedule: Subject to Section 3 of the Award Agreement and any acceleration provisions contained in the Plan or set forth below, the Restricted Stock Unit will vest in accordance with the following schedule: [insert vesting schedule] In the event Participant ceases to be a Service Provider (or gives or is given notice of such termination) for any or no reason before Participant vests in the Restricted Stock Unit, the Restricted Stock Unit and Participantâ€™s right to acquire any Shares hereunder will immediately terminate. By Participantâ€™s signature and the signature of the representative of Arcadia Biosciences, Inc. (the âœCompanyâ€) below, Participant and the Company agree that this Award of Restricted Stock Units is granted under and governed by the terms and conditions of the Plan and this Award Agreement, including the Terms and Conditions of Restricted Stock Unit Grant (including any country-specific addendum thereto), attached hereto as Exhibit A, all of which are made a part of this document. Participant has reviewed the Plan and this Award Agreement in their entirety, has had an opportunity to obtain the advice of counsel prior to executing this Award Agreement and fully understands all provisions of the Plan and Award Agreement. Participant hereby agrees to accept as binding, conclusive and final all decisions or interpretations of the Administrator upon any questions relating to the Plan and Award Agreement. Participant further agrees to promptly notify the Company in writing upon any change in the residence address indicated below. Â A A A A PARTICIPANT: Â ARCADIA BIOSCIENCES, INC. Â A A A A Signature Â A A A A Print Name Â A Title Â A A Residence Address: Â A A A A A A A A A A EXHIBIT A TERMS AND CONDITIONS OF RESTRICTED STOCK UNIT GRANT 1. Grant. The Company hereby grants to the individual named in the Notice of Grant attached as Part I of this Award Agreement (the âœParticipantâ€) under the Plan an Award of Restricted Stock Units, subject to all of the terms and conditions in this Award Agreement and the Plan, which is incorporated herein by reference. Subject to Section 13 of the Plan, in the event of a conflict between the terms and conditions of the Plan and the terms and conditions of this Award Agreement, the terms and conditions of the Plan will prevail. 2. Companyâ€™s Obligation to Pay. Each Restricted Stock Unit represents the right to receive a Share on the date it vests. Unless and until the Restricted Stock Units will have vested in the manner set forth in Section 3, Participant will have no right to payment of any such Restricted Stock Units. Prior to actual payment of any vested Restricted Stock Units, such Restricted Stock Unit will represent an unsecured obligation of the Company, payable (if at all) only from the general assets of the Company. Any Restricted Stock Units that vest in accordance with Sections 3 or 4 will be paid to Participant (or in the event of Participantâ€™s death, to his or her estate) in whole Shares as set forth herein, subject to Participant satisfying any applicable tax withholding or other obligations as set forth in Section 7. Subject to the provisions of Section 4, such vested Restricted Stock Units will be paid in Shares as soon as practicable after vesting, but in each such case within the period ending no later than the date that is two and one-half (2½) months from the end of the Companyâ€™s tax year that includes the vesting date. 3. Vesting Schedule. Except as provided in Section 4, and subject to Section 5, the Restricted Stock Units awarded by this Award Agreement will vest in accordance with the vesting provisions set forth in the Notice of Grant. Restricted Stock Units scheduled to vest on a certain date or upon the occurrence of a certain condition will not vest in Participant in accordance with any of the provisions of this Award Agreement, unless Participant will have been continuously a Service Provider from the Date of Grant until the date such vesting occurs. Service Provider status will end on the day that notice of termination is provided whether oral or written (whether by the Company or Parent or Subsidiary for any reason or by Participant upon resignation) and will not be extended by any notice period that may be required contractually or under applicable local law. Notwithstanding the foregoing, the Administrator (or any delegate) shall have the sole and absolute discretion to determine when Participant is no longer providing active service for purposes of Service Provider status and participation in the Plan. 4. Administrator Discretion. The Administrator, in its discretion, may accelerate the vesting of the balance, or some lesser portion of the balance, of the unvested Restricted Stock Units at any time, subject to the terms of the Plan. If so accelerated, such Restricted Stock Units will be considered as having vested as of the date specified by the Administrator. Notwithstanding anything in the Plan or this Award Agreement to the contrary, if the vesting of the balance, or some lesser portion of the balance, of the Restricted Stock Units is accelerated in connection with Participantâ€™s termination as a Service Provider (provided that such termination is a âœseparation from serviceâ€ within the meaning of Section 409A, as determined by the Company), other than due to death, and if (x) Participant is a âœspecified employeeâ€ within the meaning of Section 409A at the time of such termination as a Service Provider and (y) the payment of such accelerated Restricted Stock Units will result in the imposition of additional tax under Section 409A if paid to Participant or within the six (6) month period following Participantâ€™s termination as a Service Provider, then the payment of such accelerated Restricted Stock Units will not be made until the date six (6) months and one (1) day following the date of Participantâ€™s termination as a Service Provider, unless the Participant dies following his or her termination as a Service Provider, in which case, the Restricted Stock Units will be paid in Shares to the Participantâ€™s estate as soon as practicable following his or her death. It is the intent of this Award Agreement to comply with the requirements of Section 409A so that none of the Restricted Stock Units provided under this Award Agreement or Shares issuable thereunder will be subject to the additional tax imposed under Section 409A, and any ambiguities herein will be interpreted to so comply. For purposes of this Award Agreement, âœSection 409Aâ€ means Section 409A of the Code, and any proposed, temporary or final Treasury Regulations and Internal Revenue Service guidance thereunder, as each may be amended from time to time. 5. Forfeiture upon Termination of Status as a Service Provider. Notwithstanding any contrary provision of this Award Agreement, the balance of the Restricted Stock Units that have not vested as of the time oral or written Â notice is provided (whether by Participant or the Company or Parent or Subsidiary) of Participantâ€™s termination as a Service Provider for any or no reason, and the Administrator does not waive, reduce or accelerate the vesting criteria, the Participantâ€™s right to any payout by cash Shares of equivalent value, or any combination thereof, will immediately terminate. Â 6. Death of Participant. Any distribution or delivery to be made to Participant under this Award Agreement will, if Participant is then deceased, be made to Participantâ€™s designated beneficiary, or if no beneficiary survives Participant, the administrator or executor of Participantâ€™s estate. Any such transferee must furnish the Company with (a) written notice of his or her status as transferee, and (b) evidence satisfactory to the Company to establish the validity of the transfer and compliance with any laws or regulations pertaining to said transfer. 7. Withholding of Taxes. Regardless of any action the Company or Participantâ€™s employer (the âœEmployerâ€) takes with respect to any or all applicable national, local, or other tax or social contribution, withholding, required deductions, or other payments, if any, that arise upon the grant or vesting of the Restricted Stock Units or the holding or subsequent sale of Shares, and the receipt of dividends, if any (âœTax-Related Itemsâ€), Participant acknowledges and agrees that the ultimate liability for all Tax-Related Items legally due by Participant is and remains Participantâ€™s responsibility and may exceed the amount actually withheld by the Company or the Employer. Participant further acknowledges that the Company and the Employer (a) make no representations or undertakings regarding the treatment of any Tax-Related Items in connection with any aspect of the Restricted Stock Units, including grant or vesting, the subsequent sale of Shares acquired under the Plan, and the receipt of dividends, if any; and (b) does not commit to and is under no obligation to structure the terms of the Restricted Stock Units or any aspect of the Restricted Stock Units to reduce or eliminate Participantâ€™s liability for Tax-Related Items, or achieve any particular tax result. Further, if Participant has become subject to tax in more than one jurisdiction between the date of grant and the date of any relevant taxable event, Participant acknowledges that the Company and/or the Employer (or former employer, as applicable) may be required to withhold or account for Tax-Related Items in more than one jurisdiction. Notwithstanding any contrary provision of this Award Agreement, no certificate representing the Shares will be issued to Participant, unless and until satisfactory arrangements (as determined by the Administrator) will have been made by Participant with respect to the payment of any Tax-Related Items which the Company determines must be withheld with respect to such Shares. The Administrator, in its sole discretion and pursuant to such procedures as it may specify from time to time, may permit Participant to satisfy such Tax-Related Items, in whole or in part (without limitation) by (a) paying cash, (b) electing to have the Company withhold otherwise deliverable Shares having a Fair Market Value equal to the minimum amount required to be withheld, (c) delivering to the Company already vested and owned Shares having a Fair Market Value equal to the amount required to be withheld, or (d) selling a sufficient number of such Shares otherwise deliverable to Participant through such means as the Company may determine in its sole discretion (whether through a broker or otherwise) equal to the amount required to be withheld. To the extent determined appropriate by the Company in its discretion, it will have the right (but not the obligation) to satisfy any Tax-Related Items by reducing the number of Shares otherwise deliverable to Participant. If Participant fails to make satisfactory arrangements for the payment of any required Tax-Related Items hereunder at the time any applicable Restricted Stock Units otherwise are scheduled to vest pursuant to Sections 3 or 4, Participant will permanently forfeit such Restricted Stock Units and any right to receive Shares thereunder and the Restricted Stock Units will be returned to the Company at no cost to the Company. 8. Rights as Stockholder. Neither Participant nor any person claiming under or through Participant will have any of the rights or privileges of a stockholder of the Company in respect of any Shares deliverable hereunder unless and until certificates representing such Shares will have been issued, recorded on the records of the Company or its transfer agents or registrars, and delivered to Participant. After such issuance, recordation and delivery, Participant will have all the rights of a stockholder of the Company with respect to voting such Shares and receipt of dividends and distributions on such Shares, but prior to such issuance, Participant will not have any rights to dividends and/or distributions on such Shares. 9. No Guarantee of Continued Service or Grants. PARTICIPANT ACKNOWLEDGES AND AGREES THAT THE VESTING OF THE RESTRICTED STOCK UNITS PURSUANT TO THE VESTING SCHEDULE HEREOF IS EARNED

ONLY BY CONTINUING AS A SERVICE PROVIDER AT THE WILL OF THE COMPANY (OR THE PARENT OR SUBSIDIARY EMPLOYING OR RETAINING PARTICIPANT) AND NOT A THROUGH THE ACT OF BEING HIRED, BEING GRANTED THIS AWARD OF RESTRICTED STOCK UNITS OR ACQUIRING SHARES HEREUNDER. PARTICIPANT FURTHER ACKNOWLEDGES AND AGREES THAT THIS AWARD AGREEMENT, THE TRANSACTIONS CONTEMPLATED HEREUNDER AND THE VESTING SCHEDULE SET FORTH HEREIN DO NOT CONSTITUTE AN EXPRESS OR IMPLIED PROMISE OF CONTINUED ENGAGEMENT AS A SERVICE PROVIDER FOR THE VESTING PERIOD, FOR ANY PERIOD, OR AT ALL, AND WILL NOT INTERFERE IN ANY WAY WITH PARTICIPANT'S RIGHT OR THE RIGHT OF THE COMPANY (OR THE PARENT OR SUBSIDIARY EMPLOYING OR RETAINING PARTICIPANT) TO TERMINATE PARTICIPANT'S RELATIONSHIP AS A SERVICE PROVIDER AT ANY TIME, WITH OR WITHOUT CAUSE. A Participant also acknowledges and agrees that: (a) the Plan is established voluntarily by the Company, it is discretionary in nature and it may be modified, amended, suspended or terminated by the Company at any time; (b) the grant of Restricted Stock Units is voluntary and occasional and does not create any contractual or other right to receive future grants of Restricted Stock Units, or benefits in lieu of Restricted Stock Units even if Restricted Stock Units have been granted repeatedly in the past; (c) all decisions with respect to future awards of Restricted Stock Units, if any, will be at the sole discretion of the Company; (d) Participant's participation in the Plan is voluntary; (e) the Restricted Stock Units and the Shares subject to the Restricted Stock Units are extraordinary items that do not constitute regular compensation for services rendered to the Company or the Employer, and that are outside the scope of Participant's employment contract, if any; (f) the Restricted Stock Units and the Shares subject to the Restricted Stock Units are not intended to replace any pension rights or compensation; (g) the Restricted Stock Units and the Shares subject to the Restricted Stock Units are not part of normal or expected compensation or salary for any purposes, including, but not limited to, calculating any severance, resignation, termination, redundancy, dismissal, or end of service payments, bonuses, long-service awards, pension or retirement or welfare benefits or similar payments and in no event should be considered as compensation for, or relating in any way to, past services for the Company or the Employer. 10. Address for Notices. Any notices to be given to the Company under the terms of this Award Agreement will be addressed to the Company, in care of its Secretary at Arcadia Biosciences, Inc., 202 Cousteau Place, Suite 200, Davis, CA 95618, or at such other address as the Company may hereafter designate in writing. 11. Grant is Not Transferable. Except to the limited extent provided in Section 6, this grant and the rights and privileges conferred hereby will not be transferred, assigned, pledged or hypothecated in any way (whether by operation of law or otherwise) and will not be subject to sale under execution, attachment or similar process. Upon any attempt to transfer, assign, pledge, hypothecate or otherwise dispose of this grant, or any right or privilege conferred hereby, or upon any attempted sale under any execution, attachment or similar process, this grant and the rights and privileges conferred hereby immediately will become null and void. 12. Binding Agreement. Subject to the limitation on the transferability of this grant contained herein, this Award Agreement will be binding upon and inure to the benefit of the heirs, legatees, legal representatives, successors and assigns of the parties hereto. 13. Additional Conditions to Issuance of Stock. If at any time the Company will determine, in its discretion, that the listing, registration or qualification of the Shares upon any securities exchange or under any state or federal law, or the consent or approval of any governmental regulatory authority is necessary or desirable as a condition to the issuance of Shares to Participant (or his or her estate), such issuance will not occur unless and until such listing, registration, qualification, consent or approval will have been effected or obtained free of any conditions not acceptable to the Company. Where the Company determines that the delivery of the payment of any Shares will violate federal securities laws or other applicable laws, the Company will defer delivery until the earliest date at which the Company reasonably anticipates that the delivery of Shares will no longer cause such violation. The Company will make all reasonable efforts to meet the requirements of any such state or federal law or securities exchange and to obtain any such consent or approval of any such governmental authority. The Company shall not be obligated to issue any Shares pursuant to the Restricted Stock Units at any time if the issuance of Shares violates or is not in compliance with any laws, rules or regulations of the United States or any state or country. Furthermore, the Company reserves the right to impose other requirements on Participant's participation in the Plan, on the Restricted Stock Units and on any Shares acquired under the Plan, to the extent the Company determines it is necessary or advisable in order to comply with local law or facilitate the administration of the Plan, and to require Participant to sign any additional agreements or undertakings that may be necessary to accomplish the foregoing. Furthermore, Participant understands that the laws of the country in which he or she is resident at the time of grant or vesting of the Restricted Stock Units or the holding or disposition of Shares (including any rules or regulations governing securities, foreign exchange, tax, labor or other matters) may restrict or prevent the issuance of Shares or may subject Participant to additional procedural or regulatory requirements he or she is solely responsible for and will have to independently fulfill in relation to the Restricted Stock Units or the Shares. Notwithstanding any provision herein, the Restricted Stock Units and any Shares shall be subject to any special terms and conditions or disclosures as set forth in any addendum for Participant's country (the "Country-Specific Addendum," which forms part this Award Agreement). 14. Lock-Up Agreement. In connection with the initial public offering of the Company's securities, Participant hereby agrees not to offer, pledge, sell, contract to sell, make any short sale of, loan, grant any option for the purchase of, or otherwise dispose of any securities of the Company however and whenever acquired (other than those included in the registration) without the prior written consent of the Company and the managing underwriters for such offering for such period of time (not to exceed 180 days) from the effective date of such registration as may be requested by the Company or such managing underwriters and to execute an agreement reflecting the foregoing as may be requested by the underwriters at the time of the Company's initial public offering. In addition, upon request of the Company or the underwriters managing a public offering of the Company's securities (other than the initial public offering), Participant hereby agrees to be bound by similar restrictions, and to sign a similar agreement, in connection with no more than one additional registration statement filed within 12 months after the closing date of the initial public offering, provided that the duration of the lock-up period with respect to such additional registration shall not exceed 90 days from the effective date of such additional registration statement. Notwithstanding the foregoing, if during the last 17 days of the restricted period, the Company announces that it will release earnings results during the 16-day period beginning on the last day of the restricted period, then, upon the request of the managing underwriter, to the extent required by any FINRA rules, the restrictions imposed by this subsection shall continue to apply until the end of the third trading day following the expiration of the 15-day period beginning on the issuance of the earnings release or the occurrence of the material news or material event. In no event will the restricted period extend beyond 216 days after the effective date of the registration statement. In order to enforce the restriction set forth above, the Company may impose stop-transfer instructions with respect to the Shares acquired under this Agreement until the end of the applicable stand-off period. The Company's underwriters shall be beneficiaries of the agreement set forth in this Section. If the underwriters release or waive any of the foregoing restrictions in connection with a transfer of shares of Common Stock, the underwriters shall notify the Company at least three business days before the effective date of any such release or waiver. Further, the Company will announce the impending release or waiver by press release through a major news service at least two business days before the effective date of the release or waiver. Any release or waiver granted by the underwriters shall only be effective two business days after the publication date of such press release. The provisions of this paragraph will not apply if (x) the release or waiver is effected solely to permit a transfer not for consideration and (y) the transferee has agreed in writing to be bound by the same terms of the lock-up provisions applicable in general to the extent, and for the duration, that such lock-up provision remain in effect at the time of the transfer. 15. Plan Governs. This Award Agreement is subject to all terms and provisions of the Plan. In the event of a conflict between one or more provisions of this Award Agreement and one or more provisions of the Plan, the provisions of the Plan will govern. Capitalized terms used and not defined in this Award Agreement will have the meaning set forth in the Plan. 16. Administrator Authority. The Administrator will have the power to interpret the Plan and this Award Agreement and to adopt such rules for the administration, interpretation and application of the Plan as are consistent therewith and to interpret or revoke any such rules (including, but not limited to, the determination of whether or not any Restricted Stock Units have vested). All actions taken and all interpretations and determinations made by the Administrator in good faith will be final and binding upon Participant, the Company and all other interested persons. 17. Electronic Delivery and Language. The Company may, in its sole discretion, decide to deliver any documents related to Restricted Stock Units awarded under the Plan or future Restricted Stock Units that may be awarded under the Plan by electronic means or request Participant's consent to participate in the Plan by electronic means. Participant hereby consents to receive such documents by electronic delivery and agrees to participate in the Plan through any on-line or electronic system established and maintained by the Company or another third party designated by the Company. If Participant has received this Award Agreement, including appendices, or any other document related to the Plan translated into a language other than English, and the meaning of the translated version is different than the English version, the English version will control. 18. Captions. Captions provided herein are for convenience only and are not to serve as a basis for interpretation or construction of this Award Agreement. 19. Agreement Severable. In the event that any provision in this Award Agreement will be held invalid or unenforceable, such provision will be severable from, and such invalidity or unenforceability will not be construed to have any effect on, the remaining provisions of this Award Agreement. 20. Modifications to the Agreement. This Award Agreement constitutes the entire understanding of the parties on the subjects covered. Participant expressly warrants that he or she is not accepting this Award Agreement in reliance on any promises, representations, or inducements other than those contained herein. Modifications to this Award Agreement or the Plan can be made only in an express written contract executed by a duly authorized officer of the Company. Notwithstanding anything to the contrary in the Plan or this Award Agreement, the Company reserves the right to revise this Award Agreement as it deems necessary or advisable, in its sole discretion and without the consent of Participant, to comply with Section 409A or to otherwise avoid imposition of any additional tax or income recognition under Section 409A in connection to this Award of Restricted Stock Units. 21. Data Privacy. Participant hereby explicitly and unambiguously consents to the collection, use and transfer, in electronic or other form, of Participant's personal data as described in this Award Agreement by and among, as applicable, the Company and its affiliates for the exclusive purpose of implementing, administering and managing Participant's participation in the Plan. Participant understands that the Company and its affiliates may hold certain personal information about Participant, including, but not limited to, Participant's name, home address and telephone number, date of birth, social insurance number or other identification number, salary, nationality, job title, any shares of stock or directorships held in the Company or any affiliate, details of all Restricted Stock Units or any other entitlement to shares of stock awarded, canceled, exercised, vested, unvested or outstanding in Participant's favor, for the exclusive purpose of implementing, administering and managing the Plan ("Personal Data"). Participant understands that Personal Data may be transferred to any third parties assisting in the implementation, administration and management of the Plan, that these recipients may be located in the United States, Participant's country (if different than the United States), or elsewhere, and that the recipient's country may have different data privacy laws and protections than Participant's country. For Participants located in the European Union, the following paragraph applies: Participant understands that he or she may request a list with the names and addresses of any potential recipients of the Personal Data by contacting Participant's local human resources representative. Participant authorizes the recipients to receive, possess, use, retain and transfer the Personal Data, in electronic or other form, for the purposes of implementing, administering and managing Participant's participation in the Plan, including any requisite transfer of such Personal Data as may be required to a broker or other third party with whom Participant may elect to deposit any Shares received. Participant understands that Personal Data will be held only as long as is necessary to implement, administer and manage Participant's participation in the Plan. Participant understands that he or she may, at any time, view Personal Data, request additional information about the storage and processing of Personal Data, require any necessary amendments to Personal Data or refuse or withdraw the consents herein, without cost, by contacting in writing Participant's local human resources representative. Participant understands that refusal or withdrawal of consent may affect Participant's ability to participate in the Plan or to realize benefits from the Plan. For more information on the consequences of Participant's refusal to consent or A withdrawal of consent, Participant understands that he or she may contact his or her local human resources representative. 22. Foreign Exchange Fluctuations and Restrictions. Participant understands and agrees that the future value of the underlying Shares is unknown and cannot be predicted with certainty and may decrease. Participant also understands that neither the Company, nor any affiliate is responsible for any foreign exchange fluctuation between local currency and the United States Dollar or the selection by the Company or any affiliate in its sole discretion of an applicable foreign currency exchange rate that may affect the value of the Restricted Stock Units or Shares received (or the calculation of income or Tax-Related Items thereunder). Participant understands and agrees that any cross-border remittance made to transfer proceeds received upon the sale of Shares must be made through a locally authorized financial institution or registered foreign exchange agency and may require the Participant to provide such entity with certain information regarding the transaction. 23. Amendment, Suspension or Termination of the Plan. By accepting this Award, Participant expressly warrants that he or she has received an Award of Restricted Stock Units under the Plan, and has received, read and understood description of the Plan. Participant understands that the Plan is discretionary in nature and may be amended, suspended or terminated by the Company at any time. 24. Governing Law. This Award Agreement will be governed by the laws of the State of Delaware, without giving effect to the conflict of law principles thereof. For purposes of litigating any dispute that arises under this Award of Restricted Stock Units or this Award Agreement, the parties hereby submit to and consent to the jurisdiction of the State of California, and agree that such litigation will be conducted in the courts of the Yolo County, California, or the federal courts for the United States for the Eastern District of California, and no other courts. A EX-31.1 Exhibit 31.1 CERTIFICATION OF CHIEF EXECUTIVE OFFICER PURSUANT TO EXCHANGE ACT RULE 13a-14(a)/15d-14(a) AS ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002 I, Thomas J. Schaefer, certify that: 1. I have reviewed this Quarterly Report on Form 10-Q of Arcadia Biosciences, Inc. for the period ended June 30, 2024; 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report; 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report; 4. The registrant's other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have: (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; (c) Evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and (d) Disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and 5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the audit committee of the registrant's board of directors (or persons performing the equivalent functions): (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting. Dated: August 13, 2024 A /s/ THOMAS J. SCHAEFER A Thomas J. Schaefer A President and Chief Executive Officer A (Principal Executive Officer) A EX-31.2 Exhibit 31.2 CERTIFICATION OF CHIEF FINANCIAL OFFICER PURSUANT TO EXCHANGE ACT RULE 13a-14(a)/15d-14(a) AS ADOPTED PURSUANT TO SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002 I, Mark Kawakami, certify that: 1. I have reviewed this Quarterly Report on Form 10-Q of Arcadia Biosciences, Inc. for the period ended June 30, 2024; 2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report; 3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods

presented in this report; 4. The registrantâ™s other certifying officer(s) and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and have: (a) Designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared; (b) Designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles; (c) Evaluated the effectiveness of the registrantâ™s disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures, as of the end of the period covered by this report based on such evaluation; and (d) Disclosed in this report any change in the registrantâ™s internal control over financial reporting that occurred during the registrantâ™s most recent fiscal quarter (the registrantâ™s fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrantâ™s internal control over financial reporting; and 5. The registrantâ™s other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrantâ™s auditors and the audit committee of the registrantâ™s board of directors (or persons performing the equivalent functions): (a) All significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrantâ™s ability to record, process, summarize and report financial information; and (b) Any fraud, whether or not material, that involves management or other employees who have a significant role in the registrantâ™s internal control over financial reporting. Dated: August 13, 2024 /s/ MARK KAWAKAMI A A Mark Kawakami A A Chief Financial Officer A A (Principal Financial Officer) A EX-32.1 Exhibit 32.1

CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350 AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002 In connection with the accompanying Quarterly Report of Arcadia Biosciences, Inc. (the âœCompanyâ), on Form 10-Q for the quarter ended June 30, 2024 (the âœReportâ), I, Thomas J. Schaefer, President and Chief Executive Officer of the Company, hereby certify pursuant to 18 U.S.C. â 1350, as adopted pursuant to â§ 906 of the Sarbanes-Oxley Act of 2002 that: (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and (2) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. Dated: August 13, 2024 /s/ THOMAS J. SCHAEFER A A Thomas J. Schaefer A A President and Chief Executive Officer A A (Principal Executive Officer) A EX-32.2

CERTIFICATION PURSUANT TO 18 U.S.C. SECTION 1350 AS ADOPTED PURSUANT TO SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002 In connection with the accompanying Quarterly Report of Arcadia Biosciences, Inc. (the âœCompanyâ), on Form 10-Q for the quarter ended June 30, 2024 (the âœReportâ), I, Mark Kawakami, Chief Financial Officer of the Company, hereby certify pursuant to 18 U.S.C. â 1350, as adopted pursuant to â§ 906 of the Sarbanes-Oxley Act of 2002 that: (1) The Report fully complies with the requirements of section 13(a) or 15(d) of the Securities Exchange Act of 1934; and (2) the information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company. Dated: August 13, 2024 /s/ MARK KAWAKAMI A A Mark Kawakami A A Chief Financial Officer A A (Principal Financial Officer) A