UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

CURRENT REPORT

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

Date of Report (Date of earliest event reported): December 07, 2022

Arcadia Biosciences, Inc.

(Exact name of Registrant as Specified in Its Charter)

Delaware (State or Other Jurisdiction of Incorporation) 001-37383 (Commission File Number) 81-0571538 (IRS Employer Identification No.)

202 Cousteau Place Suite 105 Davis, California (Address of Principal Executive Offices)

95618 (Zip Code)

Registrant's Telephone Number, Including Area Code: 530 756-7077

	(Forme	er Name or Former Address, if Change	d Since Last Report)			
	ck the appropriate box below if the Form 8-K filing is owing provisions:	s intended to simultaneously sa	ntisfy the filing obligation of the registrant under any of the			
	Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)					
	Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)					
	Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))					
	Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))					
	Securities	s registered pursuant to Secti	on 12(b) of the Act:			
	Title of each class	Trading Symbol(s)	Name of each exchange on which registered			
	Common	RKDA	The NASDAQ Stock Market LLC			
	cate by check mark whether the registrant is an emerg pter) or Rule 12b-2 of the Securities Exchange Act of		ed in Rule 405 of the Securities Act of 1933 (§ 230.405 of this oter).			
Em	erging growth company \square					
	n emerging growth company, indicate by check mark evised financial accounting standards provided pursua	<u> </u>	to use the extended transition period for complying with any new nange Act. \Box			

Item 3.03 Material Modification to Rights of Security Holders.

The disclosure set forth in Item 5.03 below is hereby incorporated herein by reference.

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

Series A Preferred Stock

On December 7, 2022, the board of directors (the "Board") of Arcadia Biosciences, Inc. (the "Company") declared a dividend of one one-thousandth of a share of Series A Preferred Stock, par value \$0.001 per share ("Series A Preferred Stock"), for each outstanding share of the Company's common stock, par value \$0.001 per share ("Common Stock") to stockholders of record at 5:00 p.m. Eastern Time on December 28, 2022 (the "Record Date"). These shares of Series A Preferred Stock will be distributed to such stockholders at 5:00 p.m. Eastern Time on December 29, 2022.

General; Transferability. Shares of Series A Preferred Stock will be uncertificated and represented in book-entry form. No shares of Series A Preferred Stock may be transferred by the holder thereof except in connection with a transfer by such holder of any shares of Common Stock held by such holder, in which case a number of one one-thousandths (1/1,000ths) of a share of Series A Preferred Stock equal to the number of shares of Common Stock to be transferred by such holder will be automatically transferred to the transferree of such shares of Common Stock.

Voting Rights. Each share of Series A Preferred Stock will entitle the holder thereof to 1,000,000 votes per share (and, for the avoidance of doubt, each fraction of a share of Series A Preferred Stock will have a ratable number of votes). Thus, each one-thousandth of a share of Series A Preferred Stock would entitle the holder thereof to 1,000 votes. The outstanding shares of Series A Preferred Stock will vote together with the outstanding shares of Common Stock of the Company as a single class exclusively with respect to (1) any proposal to adopt an amendment to the Company's Amended and Restated Certificate of Incorporation, as amended (the "Certificate of Incorporation"), to reclassify the outstanding shares of Common Stock into a smaller number of shares of Common Stock at a ratio specified in or determined in accordance with the terms of such amendment (the "Reverse Stock Split") and (2) any proposal to adjourn any meeting of stockholders called for the purpose of voting on Reverse Stock Split (the "Adjournment Proposal"). The Series A Preferred Stock will not be entitled to vote on any other matter, except to the extent required under the Delaware General Corporation Law.

Unless otherwise provided on any applicable proxy or ballot with respect to the voting on the Reverse Stock Split or the Adjournment Proposal, the vote of each share of Series A Preferred Stock (or fraction thereof) entitled to vote on the Reverse Stock Split, the Adjournment Proposal or any other matter brought before any meeting of stockholders held to vote on the Reverse Stock Split and the Adjournment Proposal will be cast in the same manner as the vote, if any, of the share of Common Stock (or fraction thereof) in respect of which such share of Series A Preferred Stock (or fraction thereof) was issued as a dividend is cast on the Reverse Stock Split, the Adjournment Proposal or such other matter, as applicable, and the proxy or ballot with respect to shares of Common Stock held by any holder on whose behalf such proxy or ballot is submitted will be deemed to include all shares of Series A Preferred Stock (or fraction thereof) held by such holder. Holders of Series A Preferred Stock will not receive a separate ballot or proxy to cast votes with respect to the Series A Preferred Stock on the Reverse Stock Split, the Adjournment Proposal or any other matter brought before any meeting of stockholders held to vote on the Reverse Stock Split.

Dividend Rights. The holders of Series A Preferred Stock, as such, will not be entitled to receive dividends of any kind.

Liquidation Preference. The Series A Preferred Stock will rank senior to the Common Stock as to any distribution of assets upon a liquidation, dissolution or winding up of the Company, whether voluntarily or involuntarily (a "**Dissolution**"). Upon any Dissolution, each holder of outstanding shares of Series A Preferred Stock will be entitled to be paid out of the assets of the Company available for distribution to stockholders, prior and in preference to any distribution to the holders of Common Stock, an amount in cash equal to \$0.001 per outstanding share of Series A Preferred Stock.

Redemption. All shares of Series A Preferred Stock that are not present in person or by proxy at any meeting of stockholders held to vote on the Reverse Stock Split and the Adjournment Proposal as of immediately prior to the opening of the polls at such meeting (the "**Initial Redemption Time**") will automatically be redeemed in whole, but not in part, by the Company at the Initial Redemption Time without further action on the part of the Company or the holder of shares of Series A Preferred Stock (the "**Initial Redemption**"). Any outstanding shares of Series A Preferred Stock that have not been redeemed pursuant to an Initial Redemption will be redeemed in whole, but not in part, (i) if such redemption is ordered by the Board in its sole discretion, automatically and effective on such time and date specified by the Board in its sole discretion or (ii) automatically upon the approval by the Company's stockholders of the Reverse Stock Split at any meeting of the stockholders held for the purpose of voting on such proposal.

Each share of Series A Preferred Stock redeemed in any redemption described above will be redeemed in consideration for the right to receive an amount equal to \$0.10 in cash for each one hundred whole shares of Series A Preferred Stock that are "beneficially owned" by the "beneficial owner" (as such terms are defined in the certificate of designation with respect to the Series A Preferred Stock (the "Certificate of Designation")) thereof as of the applicable redemption time and redeemed pursuant to such redemption, payable upon

receipt by the Company of a written request submitted by the applicable holder to the corporate secretary of the Company (each a "Redemption Payment Request") following the applicable redemption time. Such Redemption Payment Request shall (i) be in a form reasonably acceptable to the Company (ii) set forth in reasonable detail the number of shares of Series A Preferred Stock beneficially owned by the holder at the applicable redemption time and include evidence reasonably satisfactory to the Company regarding the same, and (iii) set forth a calculation specifying the amount in cash owed to such holder by the Company with respect to the shares of Series A Preferred Stock that were redeemed at the applicable redemption time. However, the redemption consideration in respect of the shares of Series A Preferred Stock (or fractions thereof) redeemed in any redemption described above: (i) will entitle the former beneficial owners of less than one hundred whole shares of Series A Preferred Stock redeemed in any redemption to no cash payment in respect thereof and (y) will, in the case of a former beneficial owner of a number of shares of Series A Preferred Stock (or fractions thereof) redeemed pursuant to any redemption that is not equal to a whole number that is a multiple of one hundred, entitle such beneficial owner to the same cash payment, if any, in respect of such redemption as would have been payable in such redemption were rounded down to the nearest whole number that is a multiple of one hundred (such, that for example, the former beneficial owner of 150 shares of Series A Preferred Stock redeemed pursuant to any redemption will be entitled to receive the same cash payment in respect of such redemption as would have been payable to the former beneficial owner of 100 shares of Series A Preferred Stock redeemed pursuant to such redemption).

The Series A Preferred Stock is not convertible into, or exchangeable for, shares of any other class or series of stock or other securities of the Company. The Series A Preferred Stock has no stated maturity and is not subject to any sinking fund. The Series A Preferred Stock is not subject to any restriction on the redemption or repurchase of shares by the Company while there is any arrearage in the payment of dividends or sinking fund installments.

The Certificate of Designation was filed with the Delaware Secretary of State and became effective on December 8, 2022. The foregoing description of the Series A Preferred Stock does not purport to be complete and is qualified in its entirety by reference to the Certificate of Designation, which is filed as Exhibit 3.1 to this Current Report and is incorporated herein by reference.

Amendment of By-laws

On December 7, 2022, the Board approved an amendment to the Amended and Restated Bylaws of the Company (the "Amendment"), which will be effective as of December 7, 2022. The Amendment amends and restates Section 2.5 of the Company's existing Amended and Restated Bylaws in its entirety to lower the number of shares of outstanding stock represented at a meeting of stockholders constituting a quorum, in person or by proxy, from a majority to one-third of the voting power of the shares of the capital stock of the Company issued and outstanding and entitled to vote at the meeting. Specifically, the relevant portion of Section 2.5 states that: "At any meeting of stockholders, the holders of a one-third (1/3rd) of the voting power of all issued and outstanding stock entitled to vote thereat, present in person, by remote communication, if applicable, or represented by proxy (which, if the holders of Common Stock of the Corporation are entitled to vote on any matter submitted to stockholders at the meeting, shall include the holders of at least one-third (1/3) of the issued and outstanding shares of Common Stock of the Corporation entitled to vote at the meeting), shall constitute a quorum for the transaction of business, except to the extent that the presence of a larger number may be required by law or the rules of any stock exchange upon which the Corporation's securities are listed. Where a separate vote by a class or classes or series is required, one-third (1/3rd) of the voting power of all issued and outstanding stock of such class or series, present in person, by remote communication, if applicable, or represented by proxy, shall constitute a quorum entitled to take action with respect to such matter." The previous Section 2.5 stated, in its relevant section, that "At any meeting of stockholders, the holders of a majority of the voting power of all issued and outstanding stock entitled to vote thereat, present in person or represented by proxy, shall constitute a quorum for the transaction of business, except to the extent that the presence of a larger number may be required by law or the rules of any stock exchange upon which the Corporation's securities are listed. Where a separate vote by a class or classes or series is required, a majority of the voting power of all issued and outstanding stock of such class or series, present in person or represented by proxy, shall constitute a quorum entitled to take action with respect to such matter."

The foregoing description of the Amendment is qualified in its entirety by reference to the full text of the Amendment, a copy of which is filed as Exhibit 3.2 to this Current Report on Form 8-K and is incorporated by reference herein.

Item 9.01 Financial Statements and Exhibits. (d) Exhibits Description Xumber Description 3.1 Certificate of Designation of the Series A Preferred Stock of the Company, dated December 8, 2022 (incorporated by reference to Exhibit 3.1 to the Company's Registration Statement on From 8-A, filed with the Securities and Exchange Commission on December 8, 2022) 3.2 Amendment to the Amended and Restated Bylaws of the Company, dated December 7, 2022

Cover Page Interactive Data File (embedded within the Inline XBRL document)

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SIGNATURES

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

ARCADIA BIOSCIENCES, INC.

Date: December 8, 2022 By: /s/ PAMELA HALEY

Pamela Haley, Chief Financial Officer

AMENDMENT TO THE AMENDED AND RESTATED BYLAWS OF ARCADIA BIOSCIENCES, INC.

Article II of the Amended and Restated Bylaws of Arcadia Biosciences, Inc., a Delaware corporation (as amended, the "Bylaws"), is hereby amended as follows:

Article II, Section 2.5 of the Bylaws, is hereby amended to read in its entirety as follows:

"QUORUM. At any meeting of stockholders, the holders of a one-third (1/3rd) of the voting power of all issued and outstanding stock entitled to vote thereat, present in person, by remote communication, if applicable, or represented by proxy (which, if the holders of Common Stock of the Corporation are entitled to vote on any matter submitted to stockholders at the meeting, shall include the holders of at least one-third (1/3) of the issued and outstanding shares of Common Stock of the Corporation entitled to vote at the meeting), shall constitute a quorum for the transaction of business, except to the extent that the presence of a larger number may be required by law or the rules of any stock exchange upon which the Corporation's securities are listed. Where a separate vote by a class or classes or series is required, one-third (1/3rd) of the voting power of all issued and outstanding stock of such class or series, present in person, by remote communication, if applicable, or represented by proxy, shall constitute a quorum entitled to take action with respect to such matter. If a quorum is not present or represented at any meeting of stockholders, then the chairperson of the meeting or the holders of a majority in voting power of the stock entitled to vote thereat, present in person or represented by proxy, shall have power to adjourn the meeting from time to time in accordance with Section 2.4."

Adopted by the Board of Directors effective as of December 7, 2022.

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