

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

FORM 8-K

CURRENT REPORT

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

Date of Report (Date of earliest event reported): May 17, 2023

ATYR PHARMA, INC.

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

001-37378
(Commission File Number)

20-3435077
(IRS Employer
Identification No.)

10240 Sorrento Valley Road, Suite 300
San Diego, CA
(Address of principal executive offices)

92121
(Zip Code)

Registrant's telephone number, including area code: (858) 731-8389

Not Applicable

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligations of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-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 registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock, par value \$0.001 per share	LIFE	The Nasdaq Capital Market

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

Emerging growth company

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

Item 5.02 Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

(e) As reported in Item 5.07 below, at the 2023 Annual Meeting of Stockholders held on May 17, 2023 (the “Annual Meeting”) of aTyr Pharma, Inc. (the “Company”), the Company’s stockholders, upon the recommendation of the Company’s Board of Directors (the “Board”), approved an amendment to the Company’s 2015 Stock Option and Incentive Plan, as amended (the “2015 Stock Plan”) to increase the maximum number of shares of common stock reserved and available for issuance by 4,000,000 to 7,711,868.

A summary of the 2015 Stock Plan, as amended, is set forth in the Company’s definitive proxy statement filed with the Securities and Exchange Commission on March 29, 2023 (the “Proxy Statement”). The summary and the foregoing description of the 2015 Stock Plan, as amended, do not purport to be complete and are qualified in their entirety by reference to the full text of the 2015 Stock Plan, as amended, a copy of which is filed herewith as Exhibit 10.1 to this Current Report on Form 8-K.

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

At the Annual Meeting, the Company’s stockholders approved, upon the recommendation of the Board, a proposal to amend the Company’s Restated Certificate of Incorporation to increase the number of authorized shares of common stock from 85,000,000 to 170,000,000 (the “Authorized Share Proposal”).

On May 18, 2023, following stockholder approval of the Authorized Share Proposal at the Annual Meeting, the Company filed with the Secretary of State of the State of Delaware a Certificate of Amendment to the Company’s Restated Certificate of Incorporation (the “Charter Amendment”) to increase the authorized number of shares of common stock from 85,000,000 to 170,000,000.

A summary of the Charter Amendment is set forth in the Proxy Statement. That summary and the foregoing description of the Charter Amendment do not purport to be complete and are qualified in their entirety by reference to the full text of the Charter Amendment, a copy of which is filed herewith as Exhibit 3.1 to this Current Report on Form 8-K.

Item 5.05 Amendments to the Registrant’s Code of Ethics, or Waiver of a Provision of the Code of Ethics.

On May 17, 2023, the Board adopted and approved certain amendments to the Company’s Code of Business Conduct and Ethics, as reflected in an amended version of the Code of Business Conduct and Ethics (the “Code”).

The Code was amended to, among other things, augment and increase clarity and protections surrounding compliance with laws, rules and regulations, environmental and safety compliance, protection and proper use of the Company’s assets, and media and public discussions. The description of the amendment to the Code contained in this Current Report on Form 8-K is qualified in its entirety by reference to the full text of the Code, as amended, filed as Exhibit 14.1 to this Current Report on Form 8-K. The Code, as amended, is also available on the Company’s website at <https://atyrpharma.com> under the corporate governance section.

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

The following proposals were submitted to the Company’s stockholders at the Annual Meeting:

- (1) The election of two Class II directors, as nominated by the Board, to hold office until the 2026 annual meeting of stockholders or until their successors are duly elected and qualified;
- (2) The ratification of the appointment of Ernst & Young LLP as the independent registered public accounting firm of the Company for its fiscal year ending December 31, 2023;
- (3) The approval, on an advisory basis, of the compensation of the Company’s named executive officers as disclosed in the Proxy Statement;
- (4) The approval of an amendment to the 2015 Stock Plan;
- (5) The approval of the Authorized Share Proposal to increase the authorized number of shares of common stock from 85,000,000 to 170,000,000; and

(6) The approval of authorization to adjourn the Annual Meeting, if necessary, to solicit additional proxies if there are not sufficient votes in favor of Proposals 4 or 5.

The number of shares of common stock entitled to vote at the Annual Meeting was 53,162,052. The number of shares of common stock present or represented by valid proxy at the Annual Meeting was 44,616,192. All matters submitted to a vote of the Company's stockholders at the Annual Meeting were approved and all director nominees were elected.

The number of votes cast for and against and the number of votes withheld, abstentions and broker non-votes, as applicable, with respect to each matter voted upon at the Annual Meeting are set forth below. Voting results are, when applicable, reported by rounding fractional share voting down to the nearest round number.

Proposal 1 – Election of Class II Directors.

<u>Director Nominee</u>	<u>Votes For</u>	<u>Withhold</u>	<u>Broker Non-Vote</u>
Timothy P. Coughlin	34,867,452	3,431,326	6,317,414
Jane A. Gross, Ph.D.	34,876,816	3,421,962	6,317,414

Proposal 2 – Ratification of the appointment of Ernst and Young LLP as the independent registered public accounting firm of the Company for the fiscal year ending December 31, 2023.

<u>Votes For</u>	<u>Votes Against</u>	<u>Abstain</u>	<u>Broker Non-Vote</u>
44,505,484	99,431	11,277	—

Proposal 3 – Approval, on an advisory basis, of the compensation of the Company's named executive officers as disclosed in the Proxy Statement.

<u>Votes For</u>	<u>Votes Against</u>	<u>Abstain</u>	<u>Broker Non-Vote</u>
37,246,069	1,007,212	45,497	6,317,414

Proposal 4 – Approval of an amendment to the 2015 Stock Plan.

<u>Votes For</u>	<u>Votes Against</u>	<u>Abstain</u>	<u>Broker Non-Vote</u>
30,235,893	8,020,783	42,102	6,317,414

Proposal 5 – Approval of the Authorized Share Proposal to increase the authorized number of shares of common stock from 85,000,000 to 170,000,000.

<u>Votes For</u>	<u>Votes Against</u>	<u>Abstain</u>	<u>Broker Non-Vote</u>
41,984,002	518,951	2,113,239	—

Proposal 6 – Approval of authorization to adjourn the Annual Meeting, if necessary, to solicit additional proxies if there are not sufficient votes in favor of Proposals 4 or 5.

<u>Votes For</u>	<u>Votes Against</u>	<u>Abstain</u>	<u>Broker Non-Vote</u>
36,384,724	8,179,700	51,768	—

Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

Exhibit No.	Description
3.1	Certificate of Amendment to Restated Certificate of Incorporation of aTyr Pharma, Inc.
10.1	aTyr Pharma, Inc. 2015 Stock Option and Incentive Plan, as amended
14.1	aTyr Pharma, Inc. Code of Business Conduct and Ethics, as amended
104	Cover Page Interactive Data File (embedded within the Inline XBRL document)

Indicates a management contract or compensatory plan, contract or arrangement.

SIGNATURE

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

ATYR PHARMA, INC.

By: /s/ Jill M. Broadfoot
Jill M. Broadfoot
Chief Financial Officer

Date: May 19, 2023

ATYR PHARMA, INC.

2015 STOCK OPTION AND INCENTIVE PLAN

(as amended)

SECTION 1. GENERAL PURPOSE OF THE PLAN; DEFINITIONS

The name of the plan is the aTyr Pharma, Inc. 2015 Stock Option and Incentive Plan (the “Plan”). The purpose of the Plan is to encourage and enable the officers, employees, Non-Employee Directors and Consultants of aTyr Pharma, Inc., a Delaware corporation (the “Company”), and its Subsidiaries upon whose judgment, initiative and efforts the Company largely depends for the successful conduct of its business to acquire a proprietary interest in the Company. It is anticipated that providing such persons with a direct stake in the Company’s welfare will assure a closer identification of their interests with those of the Company and its stockholders, thereby stimulating their efforts on the Company’s behalf and strengthening their desire to remain with the Company.

The following terms shall be defined as set forth below:

“Act” means the Securities Act of 1933, as amended, and the rules and regulations thereunder.

“Administrator” means either the Board or the compensation committee of the Board or a similar committee performing the functions of the compensation committee and which is comprised of not less than two Non-Employee Directors who are independent.

“Award” or “Awards,” except where referring to a particular category of grant under the Plan, shall include Incentive Stock Options, Non-Qualified Stock Options, Stock Appreciation Rights, Restricted Stock Units, Restricted Stock Awards, Unrestricted Stock Awards, Cash-Based Awards, Performance Share Awards and Dividend Equivalent Rights.

“Award Certificate” means a written or electronic document setting forth the terms and provisions applicable to an Award granted under the Plan. Each Award Certificate is subject to the terms and conditions of the Plan.

“Board” means the Board of Directors of the Company.

“Cash-Based Award” means an Award entitling the recipient to receive a cash-denominated payment.

“Code” means the Internal Revenue Code of 1986, as amended, and any successor Code, and related rules, regulations and interpretations.

“Consultant” means any natural person that provides bona fide services to the Company, and such services are not in connection with the offer or sale of securities in a capital-raising transaction and do not directly or indirectly promote or maintain a market for the Company’s securities.

“Covered Employee” means an employee who is a “Covered Employee” within the meaning of Section 162(m) of the Code.

“Dividend Equivalent Right” means an Award entitling the grantee to receive credits based on cash dividends that would have been paid on the shares of Stock specified in the Dividend Equivalent Right (or other award to which it relates) if such shares had been issued to and held by the grantee.

“Effective Date” means the date set forth in Section 21.

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

“Fair Market Value” of the Stock on any given date means the fair market value of the Stock determined in good faith by the Administrator; provided, however, that if the Stock is admitted to quotation on the National Association of Securities Dealers Automated Quotation System (“NASDAQ”), NASDAQ Global Market or another national securities exchange, the determination shall be made by reference to market quotations. If there are no market quotations for such date, the determination shall be made by reference to the last date preceding such date for which there are market quotations; provided further, however, that if the date for which Fair Market Value is determined is the first day when trading prices for the Stock are reported on a national securities exchange, the Fair Market Value shall be the “Price to the Public” (or equivalent) set forth on the cover page for the final prospectus relating to the Company’s Initial Public Offering.

“Incentive Stock Option” means any Stock Option designated and qualified as an “incentive stock option” as defined in Section 422 of the Code.

“Initial Public Offering” means the consummation of the first underwritten, firm commitment public offering pursuant to an effective registration statement under the Act covering the offer and sale by the Company of its equity securities, or such other event as a result of or following which the Stock shall be publicly held.

“Non-Employee Director” means a member of the Board who is not also an employee of the Company or any Subsidiary.

“Non-Qualified Stock Option” means any Stock Option that is not an Incentive Stock Option.

“Option” or “Stock Option” means any option to purchase shares of Stock granted pursuant to Section 5.

“Performance-Based Award” means any Restricted Stock Award, Restricted Stock Units, Performance Share Award or Cash-Based Award granted to a Covered Employee that is intended to qualify as “performance-based compensation” under Section 162(m) of the Code and the regulations promulgated thereunder.

“Performance Criteria” means the criteria that the Administrator selects for purposes of establishing the Performance Goal or Performance Goals for an individual for a Performance Cycle. The Performance Criteria (which shall be applicable to the organizational level specified by the Administrator, including, but not limited to, the Company or a unit, division, group, or Subsidiary of the Company) that will be used to establish Performance Goals are limited to the following: achievement of specified research and development, publication, clinical and/or regulatory milestones, total shareholder return, earnings before interest, taxes, depreciation and amortization, net income (loss) (either before or after interest, taxes, depreciation and/or amortization), changes in the market price of the Stock, economic value-added, funds from operations or similar measure, sales or revenue, acquisitions or strategic transactions, operating income (loss), cash flow (including, but not limited to, operating cash flow and free cash flow), return on capital, assets, equity, or investment, return on sales, gross or net profit levels, productivity, expense, margins, operating efficiency, customer satisfaction, working capital, earnings (loss) per share of Stock, sales or market shares and number of customers, any of which may be measured either in absolute terms or as compared to any incremental increase or as compared to results of a peer group. The Committee may appropriately adjust any evaluation performance under a Performance Criterion to exclude any of the following events that occurs during a Performance Cycle: (i) asset write-downs or impairments, (ii) litigation or claim judgments or settlements, (iii) the effect of changes in tax law, accounting principles or other such laws or provisions affecting reporting results, (iv) accruals for reorganizations and restructuring programs, (v) any extraordinary non-recurring items, including those described in the Financial Accounting Standards Board’s authoritative guidance and/or in management’s discussion and analysis of financial condition of operations appearing the Company’s annual report to stockholders for the applicable year, and (vi) any other extraordinary items adjusted from the Company U.S. GAAP results.

“Performance Cycle” means one or more periods of time, which may be of varying and overlapping durations, as the Administrator may select, over which the attainment of one or more Performance Criteria will be measured for the purpose of determining a grantee’s right to and the payment of a Restricted Stock Award, Restricted Stock Units, Performance Share Award or Cash-Based Award, the vesting and/or payment of which is subject to the attainment of one or more Performance Goals. Each such period shall not be less than 12 months.

“*Performance Goals*” means, for a Performance Cycle, the specific goals established in writing by the Administrator for a Performance Cycle based upon the Performance Criteria.

“*Performance Share Award*” means an Award entitling the recipient to acquire shares of Stock upon the attainment of specified performance goals.

“*Restricted Shares*” means the shares of Stock underlying a Restricted Stock Award that remain subject to a risk of forfeiture or the Company’s right of repurchase.

“*Restricted Stock Award*” means an Award of Restricted Shares subject to such restrictions and conditions as the Administrator may determine at the time of grant.

“*Restricted Stock Units*” means an Award of stock units subject to such restrictions and conditions as the Administrator may determine at the time of grant.

“*Sale Event*” shall mean (i) the sale of all or substantially all of the assets of the Company on a consolidated basis to an unrelated person or entity, (ii) a merger, reorganization or consolidation pursuant to which the holders of the Company’s outstanding voting power and outstanding stock immediately prior to such transaction do not own a majority of the outstanding voting power and outstanding stock or other equity interests of the resulting or successor entity (or its ultimate parent, if applicable) immediately upon completion of such transaction, (iii) the sale of all of the Stock of the Company to an unrelated person, entity or group thereof acting in concert, or (iv) any other transaction in which the owners of the Company’s outstanding voting power immediately prior to such transaction do not own at least a majority of the outstanding voting power of the Company or any successor entity immediately upon completion of the transaction other than as a result of the acquisition of securities directly from the Company.

“*Sale Price*” means the value as determined by the Administrator of the consideration payable, or otherwise to be received by stockholders, per share of Stock pursuant to a Sale Event.

“*Section 409A*” means Section 409A of the Code and the regulations and other guidance promulgated thereunder.

“*Stock*” means the Common Stock, par value \$0.001 per share, of the Company, subject to adjustments pursuant to Section 3.

“*Stock Appreciation Right*” means an Award entitling the recipient to receive shares of Stock having a value equal to the excess of the Fair Market Value of the Stock on the date of exercise over the exercise price of the Stock Appreciation Right multiplied by the number of shares of Stock with respect to which the Stock Appreciation Right shall have been exercised.

“*Subsidiary*” means any corporation or other entity (other than the Company) in which the Company has at least a 50 percent interest, either directly or indirectly.

“*Ten Percent Owner*” means an employee who owns or is deemed to own (by reason of the attribution rules of Section 424(d) of the Code) more than 10 percent of the combined voting power of all classes of stock of the Company or any parent or subsidiary corporation.

“*Unrestricted Stock Award*” means an Award of shares of Stock free of any restrictions.

SECTION 2. ADMINISTRATION OF PLAN; ADMINISTRATOR AUTHORITY TO SELECT GRANTEES AND DETERMINE AWARDS

(a) Administration of Plan. The Plan shall be administered by the Administrator.

(b) Powers of Administrator. The Administrator shall have the power and authority to grant Awards consistent with the terms of the Plan, including the power and authority:

- (i) to select the individuals to whom Awards may from time to time be granted;

(ii) to determine the time or times of grant, and the extent, if any, of Incentive Stock Options, Non-Qualified Stock Options, Stock Appreciation Rights, Restricted Stock Awards, Restricted Stock Units, Unrestricted Stock Awards, Cash-Based Awards, Performance Share Awards and Dividend Equivalent Rights, or any combination of the foregoing, granted to any one or more grantees;

(iii) to determine the number of shares of Stock to be covered by any Award;

(iv) to determine and modify from time to time the terms and conditions, including restrictions, not inconsistent with the terms of the Plan, of any Award, which terms and conditions may differ among individual Awards and grantees, and to approve the forms of Award Certificates;

(v) to accelerate at any time the exercisability or vesting of all or any portion of any Award in circumstances involving the grantee's death, disability, retirement or termination of employment, or a change in control of the Company (including a Sale Event);

(vi) subject to the provisions of Section 5(c), to extend at any time the period in which Stock Options may be exercised; and

(vii) at any time to adopt, alter and repeal such rules, guidelines and practices for administration of the Plan and for its own acts and proceedings as it shall deem advisable; to interpret the terms and provisions of the Plan and any Award (including related written instruments); to make all determinations it deems advisable for the administration of the Plan; to decide all disputes arising in connection with the Plan; and to otherwise supervise the administration of the Plan.

All decisions and interpretations of the Administrator shall be binding on all persons, including the Company and Plan grantees.

(c) Delegation of Authority to Grant Awards. Subject to applicable law, the Administrator, in its discretion, may delegate to the Chief Executive Officer of the Company all or part of the Administrator's authority and duties with respect to the granting of Awards to individuals who are (i) not subject to the reporting and other provisions of Section 16 of the Exchange Act and (ii) not Covered Employees. Any such delegation by the Administrator shall include a limitation as to the amount of Stock underlying Awards that may be granted during the period of the delegation and shall contain guidelines as to the determination of the exercise price and the vesting criteria. The Administrator may revoke or amend the terms of a delegation at any time but such action shall not invalidate any prior actions of the Administrator's delegate or delegates that were consistent with the terms of the Plan.

(d) Award Certificate. Awards under the Plan shall be evidenced by Award Certificates that set forth the terms, conditions and limitations for each Award which may include, without limitation, the term of an Award and the provisions applicable in the event employment or service terminates.

(e) Indemnification. Neither the Board nor the Administrator, nor any member of either or any delegate thereof, shall be liable for any act, omission, interpretation, construction or determination made in good faith in connection with the Plan, and the members of the Board and the Administrator (and any delegate thereof) shall be entitled in all cases to indemnification and reimbursement by the Company in respect of any claim, loss, damage or expense (including, without limitation, reasonable attorneys' fees) arising or resulting therefrom to the fullest extent permitted by law and/or under the Company's certificate of incorporation or bylaws or any directors' and officers' liability insurance coverage which may be in effect from time to time and/or any indemnification agreement between such individual and the Company.

(f) Foreign Award Recipients. Notwithstanding any provision of the Plan to the contrary, in order to comply with the laws in other countries in which the Company and its Subsidiaries operate or have employees or other individuals eligible for Awards, the Administrator, in its sole discretion, shall have the power and authority to: (i) determine which Subsidiaries shall be covered by the Plan; (ii) determine which individuals outside the United States are eligible to participate in the Plan; (iii) modify the terms and conditions of any Award granted to individuals outside the United States to comply with applicable foreign laws; (iv) establish subplans and modify exercise procedures and other terms and procedures, to the extent the Administrator determines such actions to be necessary or advisable (and such subplans and/or modifications shall be attached to this Plan as appendices); provided, however, that no such subplans and/or modifications shall increase the share limitations contained in Section 3(a) hereof; and (v) take any action, before or after an Award is made, that the Administrator determines to be necessary or advisable to obtain approval or comply with any local governmental regulatory exemptions or approvals. Notwithstanding the foregoing, the Administrator may not take any actions hereunder, and no Awards shall be granted, that would violate the Exchange Act or any other applicable United States securities law, the Code, or any other applicable United States governing statute or law.

SECTION 3. STOCK ISSUABLE UNDER THE PLAN; MERGERS; SUBSTITUTION

(a) Stock Issuable. The maximum number of shares of Stock reserved and available for issuance under the Plan shall be 3,706,439¹ shares, subject to adjustment as provided in Section 3(c) and herein. Subject to such overall limitation, the maximum aggregate number of shares of Stock that may be issued in the form of Incentive Stock Options shall not exceed 488,087, subject in all cases to adjustment as provided in Section 3(c). The shares of Stock underlying any Awards under the Plan and under the Company's 2014 Stock Plan, as amended, that are forfeited, canceled, reacquired by the Company prior to vesting, satisfied without the issuance of Stock or otherwise terminated (other than by exercise) shall be added back to the shares of Stock available for issuance under the Plan. In the event the Company repurchases shares of Stock on the open market, such shares shall not be added to the shares of Stock available for issuance under the Plan. Subject to such overall limitations, shares of Stock may be issued up to such maximum number pursuant to any type or types of Award. The shares available for issuance under the Plan may be authorized but unissued shares of Stock or shares of Stock reacquired by the Company.

(b) [Reserved].

(c) Changes in Stock. Subject to Section 3(d) hereof, if, as a result of any reorganization, recapitalization, reclassification, stock dividend, stock split, reverse stock split or other similar change in the Company's capital stock, the outstanding shares of Stock are increased or decreased or are exchanged for a different number or kind of shares or other securities of the Company, or additional shares or new or different shares or other securities of the Company or other non-cash assets are distributed with respect to such shares of Stock or other securities, or, if, as a result of any merger or consolidation, sale of all or substantially all of the assets of the Company, the outstanding shares of Stock are converted into or exchanged for securities of the Company or any successor entity (or a parent or subsidiary thereof), the Administrator shall make an appropriate or proportionate adjustment in (i) the maximum number of shares reserved for issuance under the Plan, including the maximum number of shares that may be issued in the form of Incentive Stock Options, (ii) the number of Stock Options or Stock Appreciation Rights that can be granted to any one individual grantee and the maximum number of shares that may be granted under a Performance-Based Award, (iii) the number and kind of shares or other securities subject to any then outstanding Awards under the Plan, (iv) the repurchase price, if any, per share subject to each outstanding Restricted Stock Award, and (v) the exercise price for each share subject to any then outstanding Stock Options and Stock Appreciation Rights under the Plan, without changing the aggregate exercise price (i.e., the exercise price multiplied by the number of Stock Options and Stock Appreciation Rights) as to which such Stock Options and Stock Appreciation Rights remain exercisable. The Administrator shall also make equitable or proportionate adjustments in the number of shares subject to outstanding Awards and the exercise price and the terms of outstanding Awards to take into consideration cash dividends paid other than in the ordinary course or any other extraordinary corporate event. The adjustment by the Administrator shall be final, binding and conclusive. No fractional shares of Stock shall be issued under the Plan resulting from any such adjustment, but the Administrator in its discretion may make a cash payment in lieu of fractional shares.

¹ All numbers herein reflect the 1-for-14 reverse stock split (rounded down to the nearest whole share) of the Company's issued and outstanding common stock that was effectuated as of June 28, 2019. The original maximum number of shares of Stock reserved and available for issuance under the Plan was 112,469 shares, plus on January 1, 2016 until January 1, 2019, the number of shares of Stock reserved and available for issuance under the Plan was increased by the lesser of (i) 131,428 shares of Stock (subject to adjustment as provided in Section 3(c)), (ii) four percent (4%) of the number of shares of Stock issued and outstanding on the immediately preceding December 31 and (iii) an amount as determined by the Administrator. As such, immediately prior to the amendment in March 2019, there were 488,087 shares of Stock reserved and available for issuance under the Plan (which includes shares of Stock underlying the Company's 2014 Stock Plan, as amended, that were added back into this Plan because such shares were forfeited, canceled, reacquired by the Company prior to vesting, satisfied without the issuance of Stock or otherwise terminated (other than by exercise)). The Plan was amended by the Board of Directors in March 2019 to increase the maximum number of shares of Stock reserved and available for issuance under the Plan by 71,428 shares, resulting in 559,516 shares as of March 2019, subject to approval by the Company's stockholders. The Company's stockholders approved such amendment to the Plan at the Company's 2019 Annual Meeting of Stockholders held on May 8, 2019. The Plan was amended by the Board of Directors in March 2020 to increase the maximum number of shares of Stock reserved and available for issuance under the Plan by 350,000 shares, resulting in 951,945 shares as of March 2020, subject to approval by the Company's stockholders. The Company's stockholders approved such amendment to the Plan at the Company's 2020 Annual Meeting of Stockholders held on May 6, 2020. The Plan was amended by the Board of Directors in March 2021 to increase the maximum number of shares of Stock reserved and available for issuance under the Plan by 750,000 shares, resulting in 1,706,439 shares as of March 2021, subject to approval by the Company's stockholders. The Company's stockholders approved such amendment to the Plan at the Company's 2021 Annual Meeting of Stockholders held on April 28, 2021. The Plan was amended by the Board of Directors in March 2022 to increase the maximum number of shares of Stock reserved and available for issuance under the Plan by 2,000,000 shares, resulting in 3,709,693 shares as of March 2022, subject to approval by the Company's stockholders. The Company's stockholders approved such amendment to the Plan at the Company's 2022 Annual Meeting of Stockholders held on April 26, 2022. The Plan was amended by the Board of Directors in March 2023 to increase the maximum number of shares of Stock reserved and available for issuance under the Plan by 4,000,000 shares, resulting in 7,711,868 shares as of March 6, 2023, subject to approval by the Company's stockholders. The Company's stockholders approved such amendment to the Plan at the Company's 2023 Annual Meeting of Stockholders held on May 17, 2023.

(d) Mergers and Other Transactions. Except as the Administrator may otherwise specify with respect to particular Awards in the relevant Award Certificate, in the case of and subject to the consummation of a Sale Event, the parties thereto may cause the assumption or continuation of Awards theretofore granted by the successor entity, or the substitution of such Awards with new Awards of the successor entity or parent thereof, with appropriate adjustment as to the number and kind of shares and, if appropriate, the per share exercise prices, as such parties shall agree. To the extent the parties to such Sale Event do not provide for the assumption, continuation or substitution of Awards, the Plan and all outstanding Awards hereunder will terminate at the effective time of such Sale Event. Notwithstanding the foregoing, the Administrator may in its discretion, or to the extent specified in the relevant Award Certificate, cause certain Awards to become vested and/or exercisable immediately prior to such Sale Event. In the event of such termination, (i) the Company shall have the right, but not the obligation, to make or provide for a cash payment to the grantees holding Options and Stock Appreciation Rights, in exchange for the cancellation thereof, in an amount equal to the difference between (A) the Sale Price multiplied by the number of shares of Stock subject to outstanding Options and Stock Appreciation Rights (to the extent then exercisable after taking into account any acceleration thereunder at prices not in excess of the Sale Price) and (B) the aggregate exercise price of all such outstanding Options and Stock Appreciation Rights; or (ii) each grantee shall be permitted, within a specified period of time prior to the consummation of the Sale Event as determined by the Administrator, to exercise all outstanding Options and Stock Appreciation Rights (to the extent then exercisable) held by such grantee, including those that will become exercisable upon the consummation of the Sale Event (provided, that such exercise shall be subject to the consummation of the Sale Event). The Company shall also have the right, but not the obligation, to make or provide a cash payment to the grantees holding other Awards, in exchange for cancellation thereof, an amount equal to the Sale Price multiplied by the number of shares subject to such Awards, to be paid at the time of the Sale Event or upon the later vesting of such Awards.

SECTION 4. ELIGIBILITY

Grantees under the Plan will be such full or part-time officers and other employees, Non-Employee Directors and Consultants of the Company and its Subsidiaries as are selected from time to time by the Administrator in its sole discretion.

SECTION 5. STOCK OPTIONS

(a) Award of Stock Options. The Administrator may grant Stock Options under the Plan. Any Stock Option granted under the Plan shall be in such form as the Administrator may from time to time approve.

Stock Options granted under the Plan may be either Incentive Stock Options or Non-Qualified Stock Options. Incentive Stock Options may be granted only to employees of the Company or any Subsidiary that is a “subsidiary corporation” within the meaning of Section 424(f) of the Code. To the extent that any Option does not qualify as an Incentive Stock Option, it shall be deemed a Non-Qualified Stock Option.

Stock Options granted pursuant to this Section 5 shall be subject to the following terms and conditions and shall contain such additional terms and conditions, not inconsistent with the terms of the Plan, as the Administrator shall deem desirable. If the Administrator so determines, Stock Options may be granted in lieu of cash compensation at the optionee’s election, subject to such terms and conditions as the Administrator may establish.

(b) Exercise Price. The exercise price per share for the Stock covered by a Stock Option granted pursuant to this Section 5 shall be determined by the Administrator at the time of grant but shall not be less than 100 percent of the Fair Market Value on the date of grant. In the case of an Incentive Stock Option that is granted to a Ten Percent Owner, the option price of such Incentive Stock Option shall be not less than 110 percent of the Fair Market Value on the grant date.

(c) Option Term. The term of each Stock Option shall be fixed by the Administrator, but no Stock Option shall be exercisable more than ten years after the date the Stock Option is granted. In the case of an Incentive Stock Option that is granted to a Ten Percent Owner, the term of such Stock Option shall be no more than five years from the date of grant.

(d) Exercisability; Rights of a Stockholder. Stock Options shall become exercisable at such time or times, whether or not in installments, as shall be determined by the Administrator at or after the grant date. The Administrator may at any time accelerate the exercisability of all or any portion of any Stock Option. An optionee shall have the rights of a stockholder only as to shares acquired upon the exercise of a Stock Option and not as to unexercised Stock Options.

(e) Method of Exercise. Stock Options may be exercised in whole or in part, by giving written or electronic notice of exercise to the Company, specifying the number of shares to be purchased. Payment of the purchase price may be made by one or more of the following methods except to the extent otherwise provided in the Option Award Certificate:

(i) In cash, by certified or bank check or other instrument acceptable to the Administrator;

(ii) Through the delivery (or attestation to the ownership in accordance with such procedures as the Company may prescribe) of shares of Stock that are not then subject to restrictions under any Company plan. Such surrendered shares shall be valued at Fair Market Value on the exercise date;

(iii) By the optionee delivering to the Company a properly executed exercise notice together with irrevocable instructions to a broker to promptly deliver to the Company cash or a check payable and acceptable to the Company for the purchase price; provided that in the event the optionee chooses to pay the purchase price as so provided, the optionee and the broker shall comply with such procedures and enter into such agreements of indemnity and other agreements as the Administrator shall prescribe as a condition of such payment procedure; or

(iv) With respect to Stock Options that are not Incentive Stock Options, by a “net exercise” arrangement pursuant to which the Company will reduce the number of shares of Stock issuable upon exercise by the largest whole number of shares with a Fair Market Value that does not exceed the aggregate exercise price.

Payment instruments will be received subject to collection. The transfer to the optionee on the records of the Company or of the transfer agent of the shares of Stock to be purchased pursuant to the exercise of a Stock Option will be contingent upon receipt from the optionee (or a purchaser acting in his stead in accordance with the provisions of the Stock Option) by the Company of the full purchase price for such shares and the fulfillment of any other requirements contained in the Option Award Certificate or applicable provisions of laws (including the satisfaction of any withholding taxes that the Company is obligated to withhold with respect to the optionee). In the event an optionee chooses to pay the purchase price by previously-owned shares of Stock through the attestation method, the number of shares of Stock transferred to the optionee upon the exercise of the Stock Option shall be net of the number of attested shares. In the event that the Company establishes, for itself or using the services of a third party, an automated system for the exercise of Stock Options, such as a system using an internet website or interactive voice response, then the paperless exercise of Stock Options may be permitted through the use of such an automated system.

(f) Annual Limit on Incentive Stock Options. To the extent required for “incentive stock option” treatment under Section 422 of the Code, the aggregate Fair Market Value (determined as of the time of grant) of the shares of Stock with respect to which Incentive Stock Options granted under this Plan and any other plan of the Company or its parent and subsidiary corporations become exercisable for the first time by an optionee during any calendar year shall not exceed \$100,000. To the extent that any Stock Option exceeds this limit, it shall constitute a Non-Qualified Stock Option.

SECTION 6. STOCK APPRECIATION RIGHTS

(a) Award of Stock Appreciation Rights. The Administrator may grant Stock Appreciation Rights under the Plan. A Stock Appreciation Right is an Award entitling the recipient to receive shares of Stock having a value equal to the excess of the Fair Market Value of a share of Stock on the date of exercise over the exercise price of the Stock Appreciation Right multiplied by the number of shares of Stock with respect to which the Stock Appreciation Right shall have been exercised.

(b) Exercise Price of Stock Appreciation Rights. The exercise price of a Stock Appreciation Right shall not be less than 100 percent of the Fair Market Value of the Stock on the date of grant.

(c) Grant and Exercise of Stock Appreciation Rights. Stock Appreciation Rights may be granted by the Administrator independently of any Stock Option granted pursuant to Section 5 of the Plan.

(d) Terms and Conditions of Stock Appreciation Rights. Stock Appreciation Rights shall be subject to such terms and conditions as shall be determined from time to time by the Administrator. The term of a Stock Appreciation Right may not exceed ten years.

SECTION 7. RESTRICTED STOCK AWARDS

(a) Nature of Restricted Stock Awards. The Administrator may grant Restricted Stock Awards under the Plan. A Restricted Stock Award is any Award of Restricted Shares subject to such restrictions and conditions as the Administrator may determine at the time of grant. Conditions may be based on continuing employment (or other service relationship) and/or achievement of pre-established performance goals and objectives. The terms and conditions of each such Award Certificate shall be determined by the Administrator, and such terms and conditions may differ among individual Awards and grantees.

(b) Rights as a Stockholder. Upon the grant of the Restricted Stock Award and payment of any applicable purchase price, a grantee shall have the rights of a stockholder with respect to the voting of the Restricted Shares and receipt of dividends; provided that if the lapse of restrictions with respect to the Restricted Stock Award is tied to the attainment of performance goals, any dividends paid by the Company during the performance period shall accrue and shall not be paid to the grantee until and to the extent the performance goals are met with respect to the Restricted Stock Award. Unless the Administrator shall otherwise determine, (i) uncertificated Restricted Shares shall be accompanied by a notation on the records of the Company or the transfer agent to the effect that they are subject to forfeiture until such Restricted Shares are vested as provided in Section 7(d) below, and (ii) certificated Restricted Shares shall remain in the possession of the Company until such Restricted Shares are vested as provided in Section 7(d) below, and the grantee shall be required, as a condition of the grant, to deliver to the Company such instruments of transfer as the Administrator may prescribe.

(c) Restrictions. Restricted Shares may not be sold, assigned, transferred, pledged or otherwise encumbered or disposed of except as specifically provided herein or in the Restricted Stock Award Certificate. Except as may otherwise be provided by the Administrator either in the Award Certificate or, subject to Section 18 below, in writing after the Award is issued, if a grantee's employment (or other service relationship) with the Company and its Subsidiaries terminates for any reason, any Restricted Shares that have not vested at the time of termination shall automatically and without any requirement of notice to such grantee from or other action by or on behalf of, the Company be deemed to have been reacquired by the Company at its original purchase price (if any) from such grantee or such grantee's legal representative simultaneously with such termination of employment (or other service relationship), and thereafter shall cease to represent any ownership of the Company by the grantee or rights of the grantee as a stockholder. Following such deemed reacquisition of Restricted Shares that are represented by physical certificates, a grantee shall surrender such certificates to the Company upon request without consideration.

(d) Vesting of Restricted Shares. The Administrator at the time of grant shall specify the date or dates and/or the attainment of pre-established performance goals, objectives and other conditions on which the non-transferability of the Restricted Shares and the Company's right of repurchase or forfeiture shall lapse. Subsequent to such date or dates and/or the attainment of such pre-established performance goals, objectives and other conditions, the shares on which all restrictions have lapsed shall no longer be Restricted Shares and shall be deemed "vested."

SECTION 8. RESTRICTED STOCK UNITS

(a) Nature of Restricted Stock Units. The Administrator may grant Restricted Stock Units under the Plan. A Restricted Stock Unit is an Award of stock units that may be settled in shares of Stock upon the satisfaction of such restrictions and conditions at the time of grant. Conditions may be based on continuing employment (or other service relationship) and/or achievement of pre-established performance goals and objectives. The terms and conditions of each such Award Certificate shall be determined by the Administrator, and such terms and conditions may differ among individual Awards and grantees. Except in the case of Restricted Stock Units with a deferred settlement date that complies with Section 409A, at the end of the vesting period, the Restricted Stock Units, to the extent vested, shall be settled in the form of shares of Stock. Restricted Stock Units with deferred settlement dates are subject to Section 409A and shall contain such additional terms and conditions as the Administrator shall determine in its sole discretion in order to comply with the requirements of Section 409A.

(b) Election to Receive Restricted Stock Units in Lieu of Compensation. The Administrator may, in its sole discretion, permit a grantee to elect to receive a portion of future cash compensation otherwise due to such grantee in the form of an award of Restricted Stock Units. Any such election shall be made in writing and shall be delivered to the Company no later than the date specified by the Administrator and in accordance with Section 409A and such other rules and procedures established by the Administrator. Any such future cash compensation that the grantee elects to defer shall be converted to a fixed number of Restricted Stock Units based on the Fair Market Value of Stock on the date the compensation would otherwise have been paid to the grantee if such payment had not been deferred as provided herein. The Administrator shall have the sole right to determine whether and under what circumstances to permit such elections and to impose such limitations and other terms and conditions thereon as the Administrator deems appropriate. Any Restricted Stock Units that are elected to be received in lieu of cash compensation shall be fully vested, unless otherwise provided in the Award Certificate.

(c) Rights as a Stockholder. A grantee shall have the rights as a stockholder only as to shares of Stock acquired by the grantee upon settlement of Restricted Stock Units; provided, however, that the grantee may be credited with Dividend Equivalent Rights with respect to the stock units underlying his Restricted Stock Units, subject to the provisions of Section 11 and such terms and conditions as the Administrator may determine.

(d) Termination. Except as may otherwise be provided by the Administrator either in the Award Certificate or, subject to Section 18 below, in writing after the Award is issued, a grantee's right in all Restricted Stock Units that have not vested shall automatically terminate upon the grantee's termination of employment (or cessation of service relationship) with the Company and its Subsidiaries for any reason.

SECTION 9. UNRESTRICTED STOCK AWARDS

Grant or Sale of Unrestricted Stock. The Administrator may grant (or sell at par value or such higher purchase price determined by the Administrator) an Unrestricted Stock Award under the Plan. An Unrestricted Stock Award is an Award pursuant to which the grantee may receive shares of Stock free of any restrictions under the Plan. Unrestricted Stock Awards may be granted in respect of past services or other valid consideration, or in lieu of cash compensation due to such grantee.

SECTION 10. CASH-BASED AWARDS

Grant of Cash-Based Awards. The Administrator may grant Cash-Based Awards under the Plan. A Cash-Based Award is an Award that entitles the grantee to a payment in cash upon the attainment of specified Performance Goals. The Administrator shall determine the maximum duration of the Cash-Based Award, the amount of cash to which the Cash-Based Award pertains, the conditions upon which the Cash-Based Award shall become vested or payable, and such other provisions as the Administrator shall determine. Each Cash-Based Award shall specify a cash-denominated payment amount, formula or payment ranges as determined by the Administrator. Payment, if any, with respect to a Cash-Based Award shall be made in accordance with the terms of the Award and may be made in cash.

SECTION 11. PERFORMANCE SHARE AWARDS

(a) Nature of Performance Share Awards. The Administrator may grant Performance Share Awards under the Plan. A Performance Share Award is an Award entitling the grantee to receive shares of Stock upon the attainment of performance goals. The Administrator shall determine whether and to whom Performance Share Awards shall be granted, the performance goals, the periods during which performance is to be measured, which may not be less than one year except in the case of a Sale Event, and such other limitations and conditions as the Administrator shall determine.

(b) Rights as a Stockholder. A grantee receiving a Performance Share Award shall have the rights of a stockholder only as to shares of Stock actually received by the grantee under the Plan and not with respect to shares subject to the Award but not actually received by the grantee. A grantee shall be entitled to receive shares of Stock under a Performance Share Award only upon satisfaction of all conditions specified in the Performance Share Award Certificate (or in a performance plan adopted by the Administrator).

(c) Termination. Except as may otherwise be provided by the Administrator either in the Award agreement or, subject to Section 18 below, in writing after the Award is issued, a grantee's rights in all Performance Share Awards shall automatically terminate upon the grantee's termination of employment (or cessation of service relationship) with the Company and its Subsidiaries for any reason.

SECTION 12. PERFORMANCE-BASED AWARDS TO COVERED EMPLOYEES

(a) Performance-Based Awards. The Administrator may grant one or more Performance-Based Awards in the form of a Restricted Stock Award, Restricted Stock Units, Performance Share Awards or Cash-Based Award payable upon the attainment of Performance Goals that are established by the Administrator and relate to one or more of the Performance Criteria, in each case on a specified date or dates or over any period or periods determined by the Administrator. The Administrator shall define in an objective fashion the manner of calculating the Performance Criteria it selects to use for any Performance Cycle. Depending on the Performance Criteria used to establish such Performance Goals, the Performance Goals may be expressed in terms of overall Company performance or the performance of a division, business unit, or an individual. Each Performance-Based Award shall comply with the provisions set forth below.

(b) Grant of Performance-Based Awards. With respect to each Performance-Based Award granted to a Covered Employee, the Administrator shall select, within the first 90 days of a Performance Cycle (or, if shorter, within the maximum period allowed under Section 162(m) of the Code) the Performance Criteria for such grant, and the Performance Goals with respect to each Performance Criterion (including a threshold level of performance below which no amount will become payable with respect to such Award). Each Performance-Based Award will specify the amount payable, or the formula for determining the amount payable, upon achievement of the various applicable performance targets. The Performance Criteria established by the Administrator may be (but need not be) different for each Performance Cycle and different Performance Goals may be applicable to Performance-Based Awards to different Covered Employees.

(c) Payment of Performance-Based Awards. Following the completion of a Performance Cycle, the Administrator shall meet to review and certify in writing whether, and to what extent, the Performance Goals for the Performance Cycle have been achieved and, if so, to also calculate and certify in writing the amount of the Performance-Based Awards earned for the Performance Cycle. The Administrator shall then determine the actual size of each Covered Employee's Performance-Based Award.

SECTION 13. DIVIDEND EQUIVALENT RIGHTS

(a) Dividend Equivalent Rights. The Administrator may grant Dividend Equivalent Rights under the Plan. A Dividend Equivalent Right is an Award entitling the grantee to receive credits based on cash dividends that would have been paid on the shares of Stock specified in the Dividend Equivalent Right (or other Award to which it relates) if such shares had been issued to the grantee. A Dividend Equivalent Right may be granted hereunder to any grantee as a component of an award of Restricted Stock Units, Restricted Stock Award or Performance Share Award or as a freestanding award. The terms and conditions of Dividend Equivalent Rights shall be specified in the Award Certificate. Dividend equivalents credited to the holder of a Dividend Equivalent Right may be paid currently or may be deemed to be reinvested in additional shares of Stock, which may thereafter accrue additional equivalents. Any such reinvestment shall be at Fair Market Value on the date of reinvestment or such other price as may then apply under a dividend reinvestment plan sponsored by the Company, if any. Dividend Equivalent Rights may be settled in cash or shares of Stock or a combination thereof, in a single installment or installments. A Dividend Equivalent Right granted as a component of an Award of Restricted Stock Units or Performance Share Award shall provide that such Dividend Equivalent Right shall be settled only upon settlement or payment of, or lapse of restrictions on, such other Award, and that such Dividend Equivalent Right shall expire or be forfeited or annulled under the same conditions as such other Award.

(b) Termination. Except as may otherwise be provided by the Administrator either in the Award Certificate or, subject to Section 18 below, in writing after the Award is issued, a grantee's rights in all Dividend Equivalent Rights shall automatically terminate upon the grantee's termination of employment (or cessation of service relationship) with the Company and its Subsidiaries for any reason.

SECTION 14. TRANSFERABILITY OF AWARDS

(a) Transferability. Except as provided in Section 14(b) below, during a grantee's lifetime, his or her Awards shall be exercisable only by the grantee, or by the grantee's legal representative or guardian in the event of the grantee's incapacity. No Awards shall be sold, assigned, transferred or otherwise encumbered or disposed of by a grantee other than by will or by the laws of descent and distribution or pursuant to a domestic relations order. No Awards shall be subject, in whole or in part, to attachment, execution, or levy of any kind, and any purported transfer in violation hereof shall be null and void.

(b) Administrator Action. Notwithstanding Section 14(a), the Administrator, in its discretion, may provide either in the Award Certificate regarding a given Award or by subsequent written approval that the grantee (who is an employee or director) may transfer his or her Non-Qualified Options to his or her immediate family members, to trusts for the benefit of such family members, or to partnerships in which such family members are the only partners, provided that the transferee agrees in writing with the Company to be bound by all of the terms and conditions of this Plan and the applicable Award. In no event may an Award be transferred by a grantee for value.

(c) Family Member. For purposes of Section 14(b), "family member" shall mean a grantee's child, stepchild, grandchild, parent, stepparent, grandparent, spouse, former spouse, sibling, niece, nephew, mother-in-law, father-in-law, son-in-law, daughter-in-law, brother-in-law, or sister-in-law, including adoptive relationships, any person sharing the grantee's household (other than a tenant of the grantee), a trust in which these persons (or the grantee) have more than 50 percent of the beneficial interest, a foundation in which these persons (or the grantee) control the management of assets, and any other entity in which these persons (or the grantee) own more than 50 percent of the voting interests.

(d) Designation of Beneficiary. To the extent permitted by the Company, each grantee to whom an Award has been made under the Plan may designate a beneficiary or beneficiaries to exercise any Award or receive any payment under any Award payable on or after the grantee's death. Any such designation shall be on a form provided for that purpose by the Administrator and shall not be effective until received by the Administrator. If no beneficiary has been designated by a deceased grantee, or if the designated beneficiaries have predeceased the grantee, the beneficiary shall be the grantee's estate.

SECTION 15. TAX WITHHOLDING

(a) Payment by Grantee. Each grantee shall, no later than the date as of which the value of an Award or of any Stock or other amounts received thereunder first becomes includable in the gross income of the grantee for Federal income tax purposes, pay to the Company, or make arrangements satisfactory to the Administrator regarding payment of, any Federal, state, or local taxes of any kind required by law to be withheld by the Company with respect to such income. The Company and its Subsidiaries shall, to the extent permitted by law, have the right to deduct any such taxes from any payment of any kind otherwise due to the grantee. The Company's obligation to deliver evidence of book entry (or stock certificates) to any grantee is subject to and conditioned on tax withholding obligations being satisfied by the grantee.

(b) Payment in Stock. Subject to approval by the Administrator, a grantee may elect to have the Company's minimum required tax withholding obligation satisfied, in whole or in part, by authorizing the Company to withhold from shares of Stock to be issued pursuant to any Award a number of shares with an aggregate Fair Market Value (as of the date the withholding is effected) that would satisfy the withholding amount due. The Administrator may also require Awards to be subject to mandatory share withholding up to the required withholding amount. For purposes of share withholding, the Fair Market Value of withheld shares shall be determined in the same manner as the value of Stock includible in income of the Participants.

SECTION 16. SECTION 409A AWARDS

To the extent that any Award is determined to constitute "nonqualified deferred compensation" within the meaning of Section 409A (a "409A Award"), the Award shall be subject to such additional rules and requirements as specified by the Administrator from time to time in order to comply with Section 409A. In this regard, if any amount under a 409A Award is payable upon a "separation from service" (within the meaning of Section 409A) to a grantee who is then considered a "specified employee" (within the meaning of Section 409A), then no such payment shall be made prior to the date that is the earlier of (i) six months and one day after the grantee's separation from service, or (ii) the grantee's death, but only to the extent such delay is necessary to prevent such payment from being subject to interest, penalties and/or additional tax imposed pursuant to Section 409A. Further, the settlement of any such Award may not be accelerated except to the extent permitted by Section 409A.

SECTION 17. TERMINATION OF EMPLOYMENT, TRANSFER, LEAVE OF ABSENCE, ETC.

(a) Termination of Employment. If the grantee's employer ceases to be a Subsidiary, the grantee shall be deemed to have terminated employment for purposes of the Plan.

(b) For purposes of the Plan, the following events shall not be deemed a termination of employment:

(i) a transfer to the employment of the Company from a Subsidiary or from the Company to a Subsidiary, or from one Subsidiary to another; or

(ii) an approved leave of absence for military service or sickness, or for any other purpose approved by the Company, if the employee's right to re-employment is guaranteed either by a statute or by contract or under the policy pursuant to which the leave of absence was granted or if the Administrator otherwise so provides in writing.

SECTION 18. AMENDMENTS AND TERMINATION

The Board may, at any time, amend or discontinue the Plan and the Administrator may, at any time, amend or cancel any outstanding Award for the purpose of satisfying changes in law or for any other lawful purpose, but no such action shall adversely affect rights under any outstanding Award without the holder's consent. Except as provided in Section 3(c) or 3(d), without prior stockholder approval, in no event may the Administrator exercise its discretion to reduce the exercise price of outstanding Stock Options or Stock Appreciation Rights or effect repricing through cancellation and re-grants or cancellation of Stock Options or Stock Appreciation Rights in exchange for cash. To the extent required under the rules of any securities exchange or market system on which the Stock is listed, to the extent determined by the Administrator to be required by the Code to ensure that Incentive Stock Options granted under the Plan are qualified under Section 422 of the Code, or to ensure that compensation earned under Awards qualifies as performance-based compensation under Section 162(m) of the Code, Plan amendments shall be subject to approval by the Company stockholders entitled to vote at a meeting of stockholders. Nothing in this Section 18 shall limit the Administrator's authority to take any action permitted pursuant to Section 3(c) or 3(d).

SECTION 19. STATUS OF PLAN

With respect to the portion of any Award that has not been exercised and any payments in cash, Stock or other consideration not received by a grantee, a grantee shall have no rights greater than those of a general creditor of the Company unless the Administrator shall otherwise expressly determine in connection with any Award or Awards. In its sole discretion, the Administrator may authorize the creation of trusts or other arrangements to meet the Company's obligations to deliver Stock or make payments with respect to Awards hereunder, provided that the existence of such trusts or other arrangements is consistent with the foregoing sentence.

SECTION 20. GENERAL PROVISIONS

(a) No Distribution. The Administrator may require each person acquiring Stock pursuant to an Award to represent to and agree with the Company in writing that such person is acquiring the shares without a view to distribution thereof.

(b) Delivery of Stock Certificates. Stock certificates to grantees under this Plan shall be deemed delivered for all purposes when the Company or a stock transfer agent of the Company shall have mailed such certificates in the United States mail, addressed to the grantee, at the grantee's last known address on file with the Company. Uncertificated Stock shall be deemed delivered for all purposes when the Company or a Stock transfer agent of the Company shall have given to the grantee by electronic mail (with proof of receipt) or by United States mail, addressed to the grantee, at the grantee's last known address on file with the Company, notice of issuance and recorded the issuance in its records (which may include electronic "book entry" records). Notwithstanding anything herein to the contrary, the Company shall not be required to issue or deliver any certificates evidencing shares of Stock pursuant to the exercise of any Award, unless and until the Administrator has determined, with advice of counsel (to the extent the Administrator deems such advice necessary or advisable), that the issuance and delivery of such certificates is in compliance with all applicable laws, regulations of governmental authorities and, if applicable, the requirements of any exchange on which the shares of Stock are listed, quoted or traded. All Stock certificates delivered pursuant to the Plan shall be subject to any stop-transfer orders and other restrictions as the Administrator deems necessary or advisable to comply with federal, state or foreign jurisdiction, securities or other laws, rules and quotation system on which the Stock is listed, quoted or traded. The Administrator may place legends on any Stock certificate to reference restrictions applicable to the Stock. In addition to the terms and conditions provided herein, the Administrator may

require that an individual make such reasonable covenants, agreements, and representations as the Administrator, in its discretion, deems necessary or advisable in order to comply with any such laws, regulations, or requirements. The Administrator shall have the right to require any individual to comply with any timing or other restrictions with respect to the settlement or exercise of any Award, including a window-period limitation, as may be imposed in the discretion of the Administrator.

(c) Stockholder Rights. Until Stock is deemed delivered in accordance with Section 20(b), no right to vote or receive dividends or any other rights of a stockholder will exist with respect to shares of Stock to be issued in connection with an Award, notwithstanding the exercise of a Stock Option or any other action by the grantee with respect to an Award.

(d) Other Compensation Arrangements; No Employment Rights. Nothing contained in this Plan shall prevent the Board from adopting other or additional compensation arrangements, including trusts, and such arrangements may be either generally applicable or applicable only in specific cases. The adoption of this Plan and the grant of Awards do not confer upon any employee any right to continued employment with the Company or any Subsidiary.

(e) Trading Policy Restrictions. Option exercises and other Awards under the Plan shall be subject to the Company's insider trading policies and procedures, as in effect from time to time.

(f) Clawback Policy. Awards under the Plan shall be subject to the Company's clawback policy, as in effect from time to time.

SECTION 21. EFFECTIVE DATE OF PLAN

This Plan shall become effective upon the effectiveness of the Company's registration statement on Form S-1 in connection with its Initial Public Offering, following stockholder approval of the Plan in accordance with applicable state law, the Company's bylaws and certificate of incorporation, and applicable stock exchange rules or pursuant to written consent. No grants of Stock Options and other Awards may be made hereunder after the tenth anniversary of the Effective Date and no grants of Incentive Stock Options may be made hereunder after the tenth anniversary of the date the Plan is approved by the Board.

SECTION 22. GOVERNING LAW

This Plan and all Awards and actions thereunder shall be governed by, and construed in accordance with, the laws of the State of Delaware, applied without regard to conflict of law principles.

DATE APPROVED BY THE BOARD OF DIRECTORS: April 25, 2015

DATE APPROVED BY THE STOCKHOLDERS: April 25, 2015

AMENDMENT APPROVED BY THE BOARD OF DIRECTORS: March 4, 2019

AMENDMENT APPROVED BY THE STOCKHOLDERS: May 8, 2019

AMENDMENT APPROVED BY THE BOARD OF DIRECTORS: March 16, 2020

AMENDMENT APPROVED BY THE STOCKHOLDERS: May 6, 2020

AMENDMENT APPROVED BY THE BOARD OF DIRECTORS: March 5, 2021

AMENDMENT APPROVED BY THE STOCKHOLDERS: April 28, 2021

AMENDMENT APPROVED BY THE BOARD OF DIRECTORS: March 2, 2022

AMENDMENT APPROVED BY THE STOCKHOLDERS: April 26, 2022

AMENDMENT APPROVED BY THE BOARD OF DIRECTORS: March 6, 2023

AMENDMENT APPROVED BY THE STOCKHOLDERS: May 17, 2023

ATYR PHARMA, INC.

Code of Business Conduct and Ethics

Introduction***Purpose and Scope***

The Board of Directors of aTyr Pharma, Inc. (the “we”, “us”, “our” or the “Company”) established this Code of Business Conduct and Ethics (this “Code”) to aid the Company’s directors, officers and employees in making ethical and legal decisions when conducting the Company’s business and performing their day-to-day duties.

The Company’s Board of Directors (the “Board”) or a committee of the Board is responsible for administering the Code. The Board has delegated day-to-day responsibility for administering and interpreting the Code to a Compliance Officer. Our General Counsel has been appointed the Company’s Compliance Officer under this Code.

The Company expects its directors, officers and employees to exercise reasonable judgment when conducting the Company’s business. The Company encourages its directors, officers and employees to refer to this Code frequently to ensure that they are acting within both the letter and the spirit of this Code. The Company also understands that this Code will not contain the answer to every situation you may encounter or every concern you may have about conducting the Company’s business ethically and legally. In these situations, or if you otherwise have questions or concerns about this Code, the Company encourages each officer and employee to speak with his or her supervisor (if applicable) or, if you are uncomfortable doing that, with the Compliance Officer under this Code.

Contents of this Code

This Code has two sections which follow this Introduction. The first section, “***Standards of Conduct***,” contains the actual guidelines that our directors, officers and employees are expected to adhere to in the conduct of the Company’s business. The second section, “***Compliance Procedures***,” contains specific information about how this Code functions including who administers this Code, who can provide guidance under this Code and how violations may be reported, investigated and punished. This section also contains a discussion about waivers of and amendments to this Code.

A Note About Other Obligations

The Company’s directors, officers and employees generally have other legal and contractual obligations to the Company. This Code is not intended to reduce or limit the other obligations that you may have to the Company. Instead, the standards in this Code should be viewed as the *minimum standards* that the Company expects from its directors, officers and employees in the conduct of the Company’s business.

Standards of Conduct

Conflicts of Interest

The Company recognizes and respects the right of its directors, officers and employees to engage in outside activities which they may deem proper and desirable, provided that these activities do not impair or interfere with the performance of their duties to the Company or their ability to act in the Company's best interests. In most, if not all, cases this will mean that the Company's directors, officers and employees must avoid situations that present a potential or actual conflict between their personal interests and the Company's interests.

A "conflict of interest" occurs when a director's, officer's or employee's personal interest interferes with the Company's interests. Conflicts of interest may arise in many situations. For example, conflicts of interest can arise when a director, officer or employee takes an action or has an outside interest, responsibility or obligation that may make it difficult for him or her to perform the responsibilities of his or her position objectively and/or effectively in the Company's best interests. Conflicts of interest may also occur when a director, officer or employee or his or her immediate family member receives some personal benefit (whether improper or not) as a result of the director's, officer's or employee's position with the Company. Loans to, or guarantees of obligations of, employees or their family members by the Company could constitute an improper personal benefit to the recipients of these loans or guarantees, depending on the facts and circumstances. Some loans are expressly prohibited by law, and applicable law requires that the Board approve all loans and guarantees to employees. As a result, all loans and guarantees by the Company must be approved in advance by the Board or the Audit Committee of the Board of Directors (the "Audit Committee"). Each individual's situation is different and in evaluating his or her own situation, a director, officer or employee will have to consider many factors.

Conflicts of interest are prohibited unless specifically authorized. Any material transaction or relationship that reasonably could be expected to give rise to a conflict of interest should be reported promptly to the Compliance Officer. The Compliance Officer may notify the Board or a committee thereof as he or she deems appropriate. Actual or potential conflicts of interest involving a director or executive officer other than the Compliance Officer should be disclosed directly to the Compliance Officer. Actual or potential conflicts of interest involving the Compliance Officer should be disclosed directly to the Chief Executive Officer.

Insider Trading

Employees, officers, directors or other persons who have access to confidential (or "inside") information are not permitted to use or share that information for stock trading purposes or for any other purpose except to conduct the Company's business. All non-public information about the Company or about other companies is considered confidential information. To use material, non-public information in connection with buying or selling securities, including "tipping" others who might make an investment decision on the basis of this information, is illegal.

We have adopted a separate Insider Trading Policy with which you will be expected to comply as a condition of your employment with the Company. You should consult our Insider

Trading Policy for more specific information on the definition of “material nonpublic” information and on buying and selling our securities or securities of companies with which we do business.

Compliance with Laws, Rules and Regulations

The Company seeks to conduct its business in compliance with applicable laws, rules and regulations. No director, officer or employee shall engage in any unlawful activity in conducting the Company’s business or in performing his or her day-to-day company duties, nor shall any director, officer or employee instruct others to do so. Additionally, our employees, officers and directors are expected to comply with the applicable laws in all countries to which they travel, in which they operate and where we otherwise do business, including laws prohibiting bribery, corruption or the conduct of business with specified individuals, companies or countries. The fact that, in some countries, certain laws are not enforced or that violation of those laws is not subject to public criticism will not be accepted as an excuse for noncompliance.

Regulatory Compliance

The Company’s business is subject to, or may in the future be subject to, a number of legal and regulatory requirements, including standards related to ethical research and development procedures, and proper scientific conduct. We expect employees to comply with all such requirements.

Environmental and Safety Compliance

Federal law imposes criminal liability on any person or company that contaminates the environment with any hazardous substance that could cause injury to the community or environment. Violation of environmental laws can involve monetary fines and imprisonment. We expect employees to comply with all applicable environmental and safety laws (including applicable Occupational Safety and Health Administration standards) when conducting the business of the Company.

Protection and Proper Use of the Company’s Assets

The Company’s assets include its intellectual property rights and Company equipment, among other items. Loss, theft and misuse of the Company’s assets has a direct impact on the Company’s business and its profitability. Employees, officers and directors are expected to protect the Company’s assets that are entrusted to them and to protect the Company’s assets in general. Employees, officers and directors are also expected to take steps to ensure that the Company’s assets are used only for legitimate business purposes. You may not use our corporate name, any brand name or trademark owned or associated with the Company or any letterhead stationery for any personal purpose.

You may not, while acting on behalf of the Company or while using our computing or communications equipment or facilities, either:

access the internal computer system (also known as “hacking”) or other resource of another entity without express written authorization from the entity responsible for operating that resource; or

commit any unlawful or illegal act, including harassment, libel, fraud, sending of unsolicited commercial email (also known as “spam”) in violation of applicable law, trafficking in contraband of any kind, or espionage.

If you receive authorization to access another entity’s internal computer system or other resource, you must make a permanent record of that authorization so that it may be retrieved for future reference, and you may not exceed the scope of that authorization.

Unsolicited commercial email is regulated by law in a number of jurisdictions. If you intend to send unsolicited commercial email to persons outside of the Company, either while acting on our behalf or using our computing or communications equipment or facilities, you should contact your supervisor or the Compliance Officer for approval.

All data residing on or transmitted through our computing and communications facilities, including email and word processing documents, is the property of the Company and subject to inspection, retention and review by the Company, with or without an employee’s or third party’s knowledge, consent or approval, in accordance with applicable law. Any misuse or suspected misuse of our assets must be immediately reported to your supervisor or the Compliance Officer.

Corporate Opportunities

Employees, officers and directors owe a duty to the Company to advance its legitimate business interests when the opportunity to do so arises. Even opportunities that are acquired privately by you may be questionable if they are related to our existing or proposed lines of business. Participation in an investment or outside business opportunity that is directly related to our lines of business must be pre-approved. Each employee, officer and director is prohibited from:

- diverting to himself or herself or to others any opportunities that are discovered through the use of the Company’s property or information or as a result of his or her position with the Company unless such opportunity has first been presented to, and rejected by, the Company;
- using the Company’s property or information or his or her position for improper personal gain; or
- competing with the Company.

Confidentiality

Confidential information generated and gathered in the Company’s business plays a vital role in the Company’s business, prospects and ability to compete. “Confidential information” includes all non-public information that might be of use to competitors or harmful to the Company or its customers if disclosed. Confidential information includes non-public information that might be of use to competitors or harmful to the Company or its licensors, vendors or partners if disclosed, such as business, marketing and service plans, financial information, product development, scientific data, manufacturing, laboratory results, designs, databases, customer lists, pricing strategies, personnel data, personally identifiable information pertaining to our employees,

patients or other individuals (including, for example, names, addresses, telephone numbers and social security numbers), and similar types of information provided to us by our customers, vendors and partners. This information may be protected by patent, trademark, copyright and trade secret laws. Directors, officers and employees may not disclose or distribute the Company's confidential information, except when disclosure is authorized by the Company or required by applicable law, rule or regulation or pursuant to an applicable legal proceeding. Directors, officers and employees shall use confidential information solely for legitimate company purposes. Directors, officers and employees must return all of the Company's confidential and/or proprietary information in their possession to the Company when they cease to be employed by or to otherwise serve the Company.

In addition, because we interact with other companies and organizations, there may be times when you learn confidential information about other companies before that information has been made available to the public. You must treat this information in the same manner as you are required to treat our confidential and proprietary information. There may even be times when you must treat as confidential the fact that we have an interest in, or are involved with, another company.

You are expected to keep confidential information and proprietary information confidential unless and until that information is released to the public through approved channels (usually through a press release, a filing with the SEC (as defined below) or a formal communication from a member of senior management). Every employee has a duty to refrain from disclosing to any person confidential or proprietary information about us or any other company learned in the course of employment here, until that information is disclosed to the public through approved channels. This policy requires you to refrain from discussing confidential or proprietary information with outsiders and even with other Company employees, unless those fellow employees have a legitimate need to know the information in order to perform their job duties. Unauthorized use or distribution of this information could also be illegal and result in civil liability and/or criminal penalties.

You should also take care not to inadvertently disclose confidential information. Materials that contain confidential information, such as memos, notebooks, computer disks and laptop computers, should be stored securely. Unauthorized posting or discussion of any information concerning our business, information or prospects on the Internet is prohibited, including on Internet forums, message boards, social media sites, "chat rooms" and other Internet discussion forums, regardless of whether you use your own name or a pseudonym. Be cautious when discussing sensitive information in public places like elevators, airports, restaurants and "quasi-public" areas within the Company, or in and around the Company's facilities. All Company emails, voicemails and other communications are presumed confidential and should not be forwarded or otherwise disseminated outside of the Company, except where required for legitimate business purposes.

In addition to the above responsibilities, if you are handling information protected by any privacy policy published by us, then you must handle that information in accordance with the applicable policy.

Fair Dealing

Competing vigorously, yet lawfully, with competitors and establishing advantageous, but fair, business relationships with customers and suppliers is a part of the foundation for long-term success. However, unlawful and unethical conduct, which may lead to short-term gains, may damage a company's reputation and long-term business prospects. Accordingly, it is the Company's policy that directors, officers and employees must endeavor to deal ethically and lawfully with the Company's collaborators, customers, suppliers, competitors and employees in all business dealings on the Company's behalf. No director, officer or employee should take unfair advantage of another person in business dealings on the Company's behalf through the abuse of privileged or confidential information or through improper manipulation, concealment or misrepresentation of material facts.

Accuracy of Records

The integrity, reliability and accuracy in all material respects of the Company's books, records and financial statements is fundamental to the Company's continued and future business success. No director, officer or employee may cause the Company to enter into a transaction with the intent to document or record it in a deceptive or unlawful manner. In addition, no director, officer or employee may create any false or artificial documentation or book entry for any transaction entered into by the Company. Similarly, officers and employees who have responsibility for accounting and financial reporting matters have a responsibility to accurately record all funds, assets and transactions on the Company's books and records.

Quality of Public Disclosures

The Company is committed to providing its stockholders with complete and accurate information about its financial condition and results of operations as required by the securities laws of the United States. It is the Company's policy that the reports and documents it files with or submits to the Securities and Exchange Commission ("SEC"), and its earnings releases and similar public communications made by the Company, include full, fair, accurate, timely and understandable disclosure and fairly present our financial condition and results of operations. Officers and employees who are responsible for these filings and disclosures, including the Company's principal executive, financial and accounting officers, must use reasonable judgment and perform their responsibilities honestly, ethically and objectively in order to ensure that this disclosure policy is fulfilled. The Company's senior management are primarily responsible for monitoring the Company's public disclosure. In addition:

no employee may take or authorize any action that would intentionally cause our financial records or financial disclosure to fail to comply with generally accepted accounting principles, the rules and regulations of the SEC or other applicable laws, rules and regulations;

all employees must cooperate fully with our accounting department, as well as our independent public accountants and counsel, respond to their questions with candor and provide them with complete and accurate information to help ensure that our books and records, as well as our reports filed with the SEC, are accurate and complete; and

no employee should knowingly make (or cause or encourage any other person to make) any false or misleading statement in any of our reports filed with the SEC or knowingly omit (or cause or encourage any other person to omit) any information necessary to make the disclosure in any of our reports accurate in all material respects.

Any employee who becomes aware of any departure from these standards has a responsibility to report his or her knowledge promptly to a supervisor, the Compliance Officer or the Audit Committee.

Media/Public Discussions

It is our policy to disclose material information concerning the Company to the public only through specific limited channels to avoid inappropriate publicity and to ensure that all those with an interest in the Company will have equal access to information. We have adopted a separate Corporate Communications Policies and Procedures (the "Communication Policy"), with which you will be expected to comply as a condition of your employment with the Company. Per the Communication Policy, only the Chief Executive Officer, Chief Financial Officer and Vice President, Investor Relations and Corporate Communications and certain other employees designated by them are authorized to speak on behalf of the Company with any market participant, member of the media or stockholder. You may not provide any information to the media about us off the record, for background, confidentially or secretly, including, without limitation, by way of postings on Internet websites, message boards, social media, chat rooms or other Internet discussion forums. You should consult the Communications Policy for more information.

Political Contributions/Gifts

Business contributions to political campaigns are strictly regulated by federal, state, provincial and local law in the United States, Canada and other jurisdictions. Accordingly, all political contributions proposed to be made with the Company's funds must be coordinated through and approved by the Compliance Officer. Directors, officers and employees may not, without the approval of the Compliance Officer, use any of the Company's funds for political contributions of any kind to any political candidate or holder of any national, state, provincial or local government office. Directors, officers and employees may make personal contributions, but should not represent that he or she is making any such contribution on the Company's behalf. Similar restrictions on political contributions may apply in other countries. Specific questions should be directed to the Compliance Officer.

Bribes, Kickbacks and Other Improper Payments

The Company does not permit or condone bribes, kickbacks or other improper payments, transfers or receipts. No director, officer or employee should offer, give, solicit or receive any money or other item of value for the purpose of obtaining, retaining or directing business or bestowing or receiving any kind of favored treatment. In particular, the U.S. Foreign Corrupt Practices Act ("FCPA") prohibits any U.S. individual or business from authorizing, offering or paying money or anything of value, directly or indirectly, to any foreign official or employee, political party, or candidate for public office for the purpose of obtaining or maintaining business

or for any other business advantage. Violation of the FCPA could subject the Company and its individual directors, officers and employees to serious fines and criminal penalties.

International Trade Controls

Many countries regulate international trade transactions, such as imports, exports and international financial transactions. In addition, the United States prohibits any cooperation with boycotts against countries friendly to the United States or against firms that may be “blacklisted” by certain groups or countries. It is the Company’s policy to comply with these laws and regulations even if it may result in the loss of some business opportunities. Employees should learn and understand the extent to which U.S. and international trade controls apply to transactions conducted by the Company.

Compliance Procedures

Communication of Code

All directors, officers and employees will be supplied with a copy of the Code upon beginning service at the Company. Updates of the Code will be provided from time to time. A copy of the Code is also available to all directors, officers and employees by requesting one from the human resources department or by accessing the Company’s website at www.atyrpharma.com.

Monitoring Compliance and Disciplinary Action

The Company’s management, under the supervision of its Board or a committee thereof or, in the case of accounting, internal accounting controls, auditing or securities law matters, the Audit Committee, shall take reasonable steps from time to time to (i) monitor compliance with the Code, and (ii) when appropriate, impose and enforce appropriate disciplinary measures for violations of the Code.

Disciplinary measures for violations of the Code will be determined in the Company’s sole discretion and may include, but are not limited to, counseling, oral or written reprimands, warnings, probation or suspension with or without pay, demotions, reductions in salary, termination of employment or service, and restitution.

The Company’s management shall periodically report to the Board or a committee thereof on these compliance efforts including, without limitation, periodic reporting of alleged violations of the Code and the actions taken with respect to any such violation.

Reporting Concerns/Receiving Advice

Communication Channels

Be Proactive. Every employee is encouraged to act proactively by asking questions, seeking guidance and reporting suspected violations of the Code and other policies and procedures of the Company, as well as any violation or suspected violation of applicable law, rule or regulation arising in the conduct of the Company’s business or occurring on the Company’s property. **If any employee believes that actions have taken place, may be taking place, or may be about to**

take place that violate or would violate the Code or any law, rule or regulation applicable to the Company, he or she is obligated to bring the matter to the attention of the Company.

Seeking Guidance. The best starting point for an officer or employee seeking advice on ethics-related issues or reporting potential violations of the Code will usually be his or her supervisor. However, if the conduct in question involves his or her supervisor, if the employee has reported the conduct in question to his or her supervisor and does not believe that he or she has dealt with it properly, or if the officer or employee does not feel that he or she can discuss the matter with his or her supervisor, the employee may raise the matter with the Compliance Officer.

Our whistleblower hotline number is 1-855-405-6642. There is also an online reporting option: <http://atyrpharma.ethicspoint.com>.

Communication Alternatives. Any officer or employee may communicate with the Compliance Officer, or report potential violations of the Code, by any of the following methods:

- By e-mail to ndeny@atyrpharma.com (anonymity cannot be maintained);
- In writing (which may be done anonymously as set forth below under “Anonymity”), addressed to the Compliance Officer, by U.S. mail to c/o aTyr Pharma, Inc., 10240 Sorrento Valley Road, Suite #300, San Diego, CA 92121; or
- Online at <http://atyrpharma.ethicspoint.com> (which may be done anonymously as set forth below under “Anonymity”).

Reporting Accounting and Similar Concerns. Any concerns or questions regarding any potential violations of the Code, any company policy or procedure or applicable law, rules or regulations that involves accounting, internal accounting controls, auditing or securities law (including FCPA) matters will be directed to the Audit Committee or a designee of the Audit Committee in accordance with the procedures established by the Audit Committee for the receipt, retention and treatment of complaints regarding accounting, internal accounting controls or auditing matters. Officers and employees may also communicate directly with the Audit Committee or its designee regarding such matters by the following methods (which may be done anonymously as set forth below under “Anonymity”):

- By e-mail to auditcommitteechair@atyrpharma.com (anonymity cannot be maintained);
- In writing (which may be done anonymously as set forth below under “Anonymity”), addressed to the Chairperson of the Audit Committee, by U.S. mail to c/o aTyr Pharma, Inc., 10240 Sorrento Valley Road, Suite #300, San Diego, CA 92121; or
- Online at <http://atyrpharma.ethicspoint.com> (which may be done anonymously as set forth below under “Anonymity”).

Cooperation. Employees are expected to cooperate with the Company in any investigation of a potential violation of the Code, any other company policy or procedure, or any applicable law, rule or regulation.

Misuse of Reporting Channels. Employees must not use these reporting channels in bad faith or in a false or frivolous manner or to report grievances that do not involve the Code or other ethics-related issues.

Director Communications. In addition to the foregoing methods, a director may also communicate concerns or seek advice with respect to this Code by contacting the Board through its Chairperson or the Audit Committee.

Anonymity

When reporting suspected violations of the Code, the Company prefers that officers and employees identify themselves to facilitate the Company's ability to take appropriate steps to address the report, including conducting any appropriate investigation. However, the Company also recognizes that some people may feel more comfortable reporting a suspected violation anonymously.

If an officer or employee wishes to remain anonymous, he or she may do so, and the Company will use reasonable efforts to protect the confidentiality of the reporting person subject to applicable law, rule or regulation or to any applicable legal proceedings. In the event the report is made anonymously, however, the Company may not have sufficient information to look into or otherwise investigate or evaluate the allegations. Accordingly, persons who make reports anonymously should provide as much detail as is reasonably necessary to permit the Company to evaluate the matter(s) set forth in the anonymous report and, if appropriate, commence and conduct an appropriate investigation.

No Retaliation

The Company expressly forbids any retaliation against any officer or employee who, acting in good faith on the basis of a reasonable belief, reports suspected misconduct. Specifically, the Company will not discharge, demote, suspend, threaten, harass or in any other manner discriminate against, such an officer or employee in the terms and conditions of his or her employment. Any person who participates in any such retaliation is subject to disciplinary action, including termination.

Waivers and Amendments

No waiver of any provisions of the Code for the benefit of a director or an executive officer (which includes without limitation, for purposes of this Code, the Company's principal executive, financial and accounting officers) shall be effective unless (i) approved by the Board or, if permitted by the rules of The Nasdaq Stock Market LLC, the Audit Committee, and (ii) if applicable, such waiver is promptly disclosed to the Company's stockholders in accordance with applicable U.S. securities laws and/or the rules and regulations of the exchange or system on which the Company's shares are traded or quoted, as the case may be.

Any waivers of the Code for other employees may be made by the Compliance Officer, the Board or, if permitted, the Audit Committee.

All amendments to the Code must be approved by the Board or the Audit Committee and, if applicable, must be promptly disclosed to the Company's stockholders in accordance with applicable U.S. securities laws and the rules of The Nasdaq Stock Market LLC, as the case may be.

ADOPTED: April 25, 2015
EFFECTIVE: May 6, 2015
AMENDED: February 5, 2020
AMENDED: May 17, 2023

