

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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☐ Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

☐ Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan for the purchase or sale of equity securities of the issuer that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>CHURCH KEVIN</u>	2. Issuer Name and Ticker or Trading Symbol <u>Athira Pharma, Inc. [ATHA]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner ☒ Officer (give title below) Other (specify below) <u>CHIEF SCIENTIFIC OFFICER</u>
(Last) (First) (Middle) <u>C/O ATHIRA PHARMA, INC.</u> <u>18706 NORTH CREEK PARKWAY, SUITE 104</u>	3. Date of Earliest Transaction (Month/Day/Year) <u>06/30/2025</u>	
(Street) <u>BOTHELL WA 98011</u>	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) ☒ Form filed by One Reporting Person Form filed by More than One Reporting Person
(City) (State) (Zip)		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock ⁽¹⁾	05/19/2025 ⁽²⁾		A	V	10,000	A	\$0.2312 ⁽³⁾	140,761	D	
Common Stock	06/30/2025		M		36,666	A	\$0	177,427	D	
Common Stock	07/01/2025		S ⁽⁴⁾		8,526	D	\$0.2935 ⁽⁵⁾	168,901	D	

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V		Date Exercisable	Expiration Date					
Restricted Stock Units ⁽⁶⁾	(7)	06/30/2025		M		36,666	(8)	(8)	Common Stock	\$0	36,667	D	

Explanation of Responses:

1. The reporting person is voluntarily reporting the acquisition of shares of the issuer's common stock pursuant to the Athira Pharma, Inc. 2020 Employee Stock Purchase Plan ("ESPP"),for the ESPP Purchase Period (as defined in the ESPP) of November 18, 2024 through May 19, 2025. This transaction is exempt under Rule 16b-3(c).
2. The Purchase Period ended March 19, 2025 and is the Purchase Period comprising the Offering Period (as defined in the ESPP) that began November 18, 2024.
3. In accordance with the ESPP, these shares were purchased based on 85% of the closing price on May 19, 2025.
4. Represents shares of common stock sold to cover tax withholding and remittance obligations in connection with the vesting of restricted stock units ("RSU") pursuant to mandatory "sell to cover" policies maintained by the issuer and provisions contained in the reporting person's applicable RSU agreement, and does not represent a discretionary sale by the reporting person.
5. The "Amount" and "Price" reported in this Column 4 reflect the aggregate number and weighted-average price, respectively, of shares sold. These shares were sold in multiple transactions at prices ranging from \$0.2854 to \$0.3031, inclusive. The reporting person undertakes to provide to the Issuer, any security holder of the Issuer, or the SEC staff, upon request, full information regarding the number of shares sold at each separate price within the range set forth herein.
6. RSUs convert into common stock on a one-for-one basis.
7. Each RSU represents a contingent right to receive one (1) share of Issuer's common stock.
8. On October 1, 2024, the reporting person was granted 110,000 RSUs. One-third (1/3rd) of the RSUs vest on each of December 31, 2024, June 30, 2025 and December 31, 2025, subject to the reporting person continuing to be a Service Provider (as defined in the Issuer's 2020 Equity Incentive Plan (the "Plan")) through the applicable vesting dates.

/s/ Mark Worthington,
Attorney-in-Fact on behalf of 07/02/2025
Kevin Church

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.