## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden

0.5

hours per response:

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 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*  Fairey William						2. Issuer Name and Ticker or Trading Symbol Aileron Therapeutics, Inc. [ ALRN ]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner					
(Last) (First) (Middle) C/O AILERON THERAPEUTICS, INC.					3. Date of Earliest Transaction (Month/Day/Year) 08/20/2024								Officer below)	(give title		Other (s below)	pecify	
12407 N. MOPAC EXPY. SUITE 250 #390					4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)							6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street)	N TX 7875		78758										Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(St	ate)	(Zip)															
	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																	
1. Title of Security (Instr. 3)  2. Transac Date (Month/Date)						Execution Date,			Code (Ins	Transaction Disposed Of (D) (Instr. 3, Code (Instr. 5)					6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership	
								Code	Amour	t (A) c	Price	Transac (Instr. 3	tion(s)	on(s) nd 4)		(Instr. 4)		
	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)				6. Date Exerc Expiration D (Month/Day/\)	ate	nd 7. Title and Amount of Securities Underlying Derivative Secu (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4)	y D	0. Ownership orm: Direct (D) r Indirect () (Instr. 4)	Beneficial Ownership (Instr. 4)	
					Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares						
Stock Option (right to buy)	\$2.4	08/20/2024			A		2,725		(1)	08/19/2034	Common Stock	2,725	\$0.00	2,725		D		

## **Explanation of Responses:**

1. This option was granted on August 20, 2024. The shares underlying the option are scheduled to vest in full on the earlier of (i) August 20, 2025 or (ii) the date of the Issuer's 2025 Annual Meeting of Stockholders

> /s/ Brian Windsor, attorney-infact for William C. Fairey

08/22/2024

\*\* 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.