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): April 25, 2022

Aileron Therapeutics, Inc.

(Exact Name of Company as Specified in Charter)

Delaware (State or Other Jurisdiction of Incorporation)

> 285 Summer Street, Unit 101 Boston, MA

(Address of Principal Executive Offices)

001-38130 (Commission File Number) 13-4196017 (IRS Employer Identification No.)

02210 (Zip Code)

Registrant's telephone number, including area code: (617) 995-0900

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 obligation of the registrant under any of the following provisions (*see* General Instruction A.2. below):

□ 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:

	Trading	Name of each exchange
Title of each class	Symbol	on which registered
Common Stock, \$0.001 par value per share	ALRN	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 \boxtimes

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.

On April 25, 2022, Richard J. Wanstall, Chief Financial Officer, principal financial officer and principal accounting officer of Aileron Therapeutics, Inc., a Delaware corporation (the "Company"), notified the Company of his resignation, effective May 6, 2022, to pursue another career opportunity. Mr. Wanstall's resignation was not the result of any disagreement with the Company on any matter relating to its operations, policies or practices. The Company has initiated a search process for the position of chief financial officer of the Company.

SIGNATURES

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

Aileron Therapeutics, Inc.

Date: April 29, 2022

By: /s/ Manuel C. Aivado

Manuel C. Aivado, M.D., Ph.D. President and Chief Executive Officer