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): February 3, 2025

ARCH THERAPEUTICS, INC.

(Exact name of registrant as specified in its charter)

Nevada (State or other jurisdiction of incorporation)

Dated: February 7, 2025

000-54986 (Commission File Number)

46-0524102 (I.R.S. Employer Identification No.)

235 Walnut Street, Suite 6 Framingham, Massachusetts (Address of principal executive offices)

01702 (Zip Code)

Registrant's telephone number, including area code: (617) 431-2313

| Check the appropriate box below if the Form 8-K filing is inter General Instruction A.2. below): | nded to simultaneously satisfy the filing oblig | gation of the registrant under any of the following provisions (see | | | |
|---|---|---|--|--|--|
| ☐ Written communications pursuant to Rule 425 under the Sec | curities Act (17 CFR 230.425) | | | | |
| ☐ Soliciting material pursuant to Rule 14a-12 under the Excha | inge Act (17 CFR 240.14a-12) | | | | |
| ☐ Pre-commencement communications pursuant to Rule 14d-2 | 2(b) under the Exchange Act (17 CFR 240.14c | d-2(b)) | | | |
| ☐ Pre-commencement communications pursuant to Rule 13e-4 | 4(c) under the Exchange Act (17 CFR 240.13e | e-4(c)) | | | |
| Securities registered pursuant to Section 12(b) of the Act: | | | | | |
| Title of each class N A | Trading Symbol(s) N A | Name of each exchange on which registered NIA | | | |
| Emerging growth company □ If an emerging growth company, indicate by check mark if the raccounting standards provided pursuant to Section 13(a) of the E | | transition period for complying with any new or revised financial | | | |
| Item 5.02 Departure of Directors or Certain Officers; Electio | on of Directors; Appointment of Certain Of | ficers; Compensatory Arrangements of Certain Officers. | | | |
| (b) and (e) On February 3, 2025, Michael S. Abrams, Chief Financial Officer and Treasurer of Arch Therapeutics, Inc. (the "Company"), resigned from his positions with the Company, effective immediately, and has waived any potential rights or claim to any financial obligations under his employment contract. | | | | | |
| (c) Effective February 3, 2025, the Company has appointed Territhe roles of Principal Accounting Officer and Treasurer. | rence W. Norchi, who serves as the Company | 's Chief Executive Officer, Chairman, President and Secretary, to | | | |
| SIGNATURES | | | | | |
| Pursuant to the requirements of the Securities Exchange Act of authorized. | f 1934, the registrant has duly caused this re | port to be signed on its behalf by the undersigned hereunto duly | | | |

ARCH THERAPEUTICS, INC.

Name: Terrence W. Norchi, M.D.

Title:

/s/ Terrence W. Norchi, M.D.

President, Chief Executive Officer