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): January 6, 2025

Lantern Pharma Inc.

(Exact name of registrant as specified in its charter)

Delaware

(State or Other Jurisdiction of Incorporation)

001-39318 (Commission File Number) 46-3973463

75201

(Zip Code)

(IRS Employer Identification No.)

1920 McKinney Avenue, 7th Floor

Dallas, Texas

(Address of Principal Executive Offices)

(972) 277-1136

(Registrant's telephone number, including area code)

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: Common Stock

Title of each class	Trading Symbol	Name of each exchange on which registered
Common Stock, \$0.0001 par value	LTRN	The Nasdaq Stock 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.

On January 6, 2025, Lantern Pharma Inc.'s (the "Company's) Board of Directors approved the amendment of the employment agreement, as amended (the "Employment Agreement") for Kishor G. Bhatia, Chief Scientific Officer, to (i) extend the term of the Employment Agreement until January 15, 2026, (ii) adjust the minimum hours devoted by Dr. Bhatia per week to the scientific, clinical and therapeutic development operations and affairs of the Company to 24 hours per week, and (iii) proportionately adjust Dr. Bhatia's annual base salary to \$189,600, with such adjustment to take effect with the first pay period in January 2025.

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SIGNATURES

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.

Lantern Pharma Inc., A Delaware Corporation

Dated: January 10, 2025

By: /s/ David R. Margrave David R. Margrave, Chief Financial Officer