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): June 9, 2021

RHYTHM PHARMACEUTICALS, INC.

(Exact name of registrant as specified in its charter)

Delaware

001-38223 (Commission File Number) **46-2159271** (IRS Employer Identification Number)

(State or other jurisdiction of incorporation)

222 Berkeley Street 12th Floor

Boston, MA 02116

(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (857) 264-4280

N/A

(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:

□ 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)

Dere-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:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered	
Common Stock, \$0.001 par value per share	RYTM	The Nasdaq Stock Market LLC (Nasdaq Global 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 \Box

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 5.07. Submission of Matters to a Vote of Security Holders.

On June 9, 2021, Rhythm Pharmaceuticals, Inc. (the "Company") held its Annual Meeting of Stockholders. A total of 42,232,590 shares of common stock were present online or represented by proxy at the meeting, representing approximately 84.1% percent of the Company's outstanding common stock as of the April 15, 2021 record date. The following are the voting results for the proposals considered and voted upon at the meeting, all of which were described in the Company's <u>definitive proxy statement filed with the Securities and Exchange Commission on April 27, 2021</u>.

Item 1 — Election of three Class I Directors to serve until the 2024 Annual Meeting of Stockholders, and until their respective successors have been duly elected and qualified.

NOMINEE	Votes FOR	Votes WITHHELD	Broker Non-Votes
Stuart A. Arbuckle	29,342,999	7,773,741	5,115,850
Christophe R. Jean	31,247,986	5,868,754	5,115,850
Lynn A. Tetrault, J.D.	36,484,642	632,098	5,115,850

Item 2 — Ratification of the appointment of Ernst & Young LLP as the Company's independent registered public accounting firm for the year ending December 31, 2021.

Votes FOF	R Votes AGAINS	ST Votes ABSTAINEI	D Broker Non-Votes
42,121,340	0 72,793	38,457	0

Item 3 — Approval, on an advisory (non-binding) basis, of the compensation of the Company's named executive officers.

Votes FOR	Votes AGAINST	Votes ABSTAINED	Broker Non-Votes
33,591,250	3,433,075	92,415	5,115,850

Item 4 — Approval, on an advisory (non-binding) basis, of the frequency of future advisory votes on the compensation of the Company's named executive officers.

Votes for 1 Year	Votes for 2 Years	Votes for 3 Years	Votes ABSTAINED	Broker Non-Votes
36,698,299	16,543	333,627	68,271	5,115,850

Based on the foregoing votes, Stuart A. Arbuckle, Christophe R. Jean and Lynn A. Tetrault, J.D. were elected as Class I Directors, Items 2 and 3 were approved, and the Company's stockholders recommended that future stockholder advisory votes on the compensation of the Company's named executive officers be held every year. Based on the foregoing voting results and consistent with the Board of Directors' recommendation, the Board of Directors has determined to hold an advisory vote on the compensation of the Company's named executive officers every year until the next advisory vote regarding the frequency of future advisory votes on the compensation of the Company's named executive officers is submitted to the stockholders or the Board of Directors otherwise determines that a different frequency for such advisory votes is in the best interests of the Company.

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.

RHYTHM PHARMACEUTICALS, INC.

By: /s/ Hunter Smith

Hunter Smith Chief Financial Officer

Date: June 14, 2021