## 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

June 10, 2021 Date of Report (Date of earliest event reported)

# AYALA PHARMACEUTICALS, INC.

(Exact Name of Registrant as Specified in its Charter)

Delaware (State or Other Jurisdiction of Incorporation) 001-39279 (Commission File Number) 82-3578375 (IRS Employer Identification No.)

Oppenheimer 4 Rehovot, Israel 7670104

(Address of Principal Executive Offices) (Zip Code)

(857) 444-0553

(Registrant's telephone number, including area code)

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 (*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(s)	on which registered
Common Stock, \$0.01 par value per share	AYLA	The 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 Xiii

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 10, 2021, Ayala Pharmaceuticals, Inc. (the "Company") held its Annual Meeting of Stockholders (the "Meeting"). A total of 9,529,152 shares of the Company's common stock, \$0.01 par value per share (the "Common Stock") were present in person or represented by proxy at the Meeting, representing approximately 72% percent of the Company's outstanding Common Stock as of the April 16, 2021 record date. The following are the voting results for the proposals considered and voted upon at the Meeting, each of which were described in the Company's Definitive Proxy Statement filed with the Securities and Exchange Commission on April 27, 2021.

Item 1 — Election of two Class I directors for a term of office expiring on the date of the annual meeting of stockholders to be held in 2024 and until their respective successors have been duly elected and qualified or until each such director's earlier death, resignation or removal.

		Votes	Broker
	Votes FOR	WITHHELD	Non-Votes
Murray A. Goldberg	6,829,152	1,308,325	1,391,675
Robert Spiegel, M.D., FACP	7,533,349	604,128	1,391,675

Item 2 — Ratification of the appointment of Kost Forer Gabbay & Kasierer, a member of Ernst & Young Global as the Company's independent registered public accounting firm for the year ending December 31, 2021.

Votes FOR	Votes AGAINST	Votes ABSTAINED	Broker Non-Votes
9,525,938	2,050	1,164	0

Based on the foregoing votes, Murray A. Goldberg and Robert Spiegel, M.D., FACP were elected and Item 2 was approved.

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.

Date: June 10, 2021

### AYALA PHARMACEUTICALS, INC.

By: /s/ Roni Mamluk

Roni Mamluk, Ph.D. President and Chief Executive Officer