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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, D.C. 20549

**SCHEDULE 14A**  
Proxy Statement Pursuant to Section 14(a) of the  
Securities Exchange Act of 1934  
(Amendment No. )

Filed by the Registrant   
Filed by a party other than the Registrant

Check the appropriate box:

- Preliminary Proxy Statement
- Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))
- Definitive Proxy Statement
- Definitive Additional Materials
- Soliciting Material under § 240.14a-12

ACELYRIN, INC.  
(Name of Registrant as Specified In Its Charter)

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(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check all boxes that apply):

- No fee required
  - Fee paid previously with preliminary materials
  - Fee computed on table in exhibit required by Item 25(b) per Exchange Act Rules 14a-6(i)(1) and 0-11
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ACELYRIN, INC.  
4149 LIBERTY CANYON ROAD  
AGOURA HILLS, CALIFORNIA 91301

# Your **Vote** Counts!

**ACELYRIN, INC.**

2024 Annual Meeting

Vote by June 6, 2024

11:59 PM ET



V41939-P07032

## You invested in ACELYRIN, INC. and it's time to vote!

You have the right to vote on proposals being presented at the Annual Meeting. **This is an important notice regarding the availability of proxy materials for the stockholder meeting to be held on June 7, 2024 at 9:00 a.m. Pacific Time at [www.virtualshareholdermeeting.com/SLRN2024](http://www.virtualshareholdermeeting.com/SLRN2024).**

### Get informed before you vote

View the Notice and Proxy Statement and our Annual Report on Form 10-K online OR you can receive a free paper or email copy of the material(s) by requesting prior to May 24, 2024. To view the voting material(s) online, visit [www.ProxyVote.com](http://www.ProxyVote.com) and have your control number (indicated below) available. If you would like to request a copy of the material(s) for this and/or future stockholder meetings, you may (1) visit [www.ProxyVote.com](http://www.ProxyVote.com), (2) call 1-800-579-1639 or (3) send an email to [sendmaterial@proxyvote.com](mailto:sendmaterial@proxyvote.com). If sending an email, please include your control number (indicated below) in the subject line. Unless requested, you will not otherwise receive a paper or email copy.



For complete information and to vote, visit [www.ProxyVote.com](http://www.ProxyVote.com)

Control #

#### Smartphone users

Point your camera here and vote without entering a control number



#### Vote Virtually at the Meeting\*

June 7, 2024  
9:00 a.m., Pacific Time

Virtually at:  
[www.virtualshareholdermeeting.com/SLRN2024](http://www.virtualshareholdermeeting.com/SLRN2024)

\*Please check the meeting materials for any special requirements for meeting attendance.

## THIS IS NOT A VOTABLE BALLOT

This is an overview of the proposals being presented at the upcoming stockholder meeting as described in the more complete proxy materials available to you online. You may view the proxy materials online at [www.ProxyVote.com](http://www.ProxyVote.com) or easily request a paper copy (see reverse side). Please follow the instructions on the reverse side to vote these important matters. We encourage you to access and review all of the important information contained in the proxy materials before voting.

Voting Items	Board Recommends
1. To elect the three Class I directors named below to hold office until the Company's 2027 annual meeting of stockholders. <b>Nominees:</b> 01) Alan Colowick, M.D., M.P.H. 02) Patrick Machado, J.D. 03) Beth Seidenberg, M.D.	✔ For
2. To ratify the selection of PricewaterhouseCoopers LLP as the Company's independent registered public accounting firm for the Company's fiscal year ending December 31, 2024.	✔ For

**NOTE: In their discretion, the proxies are authorized to vote upon such other business as may properly come before the meeting or any adjournments or postponements thereof.**

Prefer to receive an email instead? While voting on [www.ProxyVote.com](http://www.ProxyVote.com), be sure to click "Delivery Settings".