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

**SCHEDULE 14A INFORMATION**

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 Pursuant to § 240.14a-12

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**ACELRX PHARMACEUTICALS, 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 the appropriate box)

- No fee required.
  - Fee paid previously with preliminary materials.
  - Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
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ACELRX PHARMACEUTICALS, INC.  
25821 INDUSTRIAL BOULEVARD, SUITE 400  
HAYWARD, CA 94545

# Your **Vote** Counts!

**ACELRX PHARMACEUTICALS, INC.**

2022 Annual Meeting  
Vote by July 14, 2022  
11:59 PM ET



DB2435-P71665

## You invested in ACELRX PHARMACEUTICALS, 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 material for the stockholder meeting to be held on July 15, 2022.**

### Get informed before you vote

View the Notice and Proxy Statement and Form 10-K online OR you can receive a free paper or email copy of the material(s) by requesting prior to July 1, 2022. 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\*

July 15, 2022  
10:00 AM PDT

Virtually at:  
[www.virtualshareholdermeeting.com/ACRX2022](http://www.virtualshareholdermeeting.com/ACRX2022)

\*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. Please follow the instructions on the reverse side to vote these important matters.

Voting Items	Board Recommends
1. Election of Directors <b>Nominees:</b> 01) Vincent J. Angotti 02) Stephen J. Hoffman, M.D., Ph.D. 03) Pamela P. Palmer, M.D., Ph.D.	✔ For
2. To ratify the appointment of WithumSmith+Brown, PC as our independent registered public accounting firm for the fiscal year ending December 31, 2022.	✔ For
3. To approve, on an advisory basis, the compensation of our named executive officers.	✔ For
4. To approve an amendment to our Amended and Restated Certificate of Incorporation to increase the number of authorized shares of common stock from 200 million to 300 million shares.	✔ For
<b>NOTE:</b> Such other business as may properly come before the meeting or any adjournment thereof.	

Prefer to receive an email instead? While voting on [www.ProxyVote.com](http://www.ProxyVote.com), be sure to click "Sign up for E-delivery".