
SCHEDULE 14A INFORMATION

Proxy Statement Pursuant to Section 14(a) of the Securities Exchange Act of 1934

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

X4 Pharmaceuticals, Inc.

(Name of Registrant as Specified In Its Charter)

(Name of Person(s) Filing Proxy Statement if Other Than the Registrant)

Payment of filing Fee (Check the appropriate box):

- No fee required.
- Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.
- Fee computed on table in exhibit required by Item 25(b) per Exchange Act Rules 14a-6(i)(1) and 0-11

Your **Vote** Counts!

X4 PHARMACEUTICALS, INC.

2025 Annual Meeting of Stockholders

Vote by June 8, 2025

11:59 PM ET



X4 PHARMACEUTICALS, INC.
61 N. BEACON STREET
4TH FLOOR
BOSTON, MA 02134



V72879-P27992

You invested in X4 PHARMACEUTICALS, INC. and it's time to vote!

Stockholders of record as of the close of business on April 15, 2025 have the right to vote on proposals being presented at the 2025 Annual Meeting of Stockholders. **THIS IS AN IMPORTANT NOTICE REGARDING THE AVAILABILITY OF PROXY MATERIALS FOR THE 2025 ANNUAL MEETING OF STOCKHOLDERS TO BE HELD ON JUNE 9, 2025 AT 12:00 PM EDT.**

Get informed before you vote

View the Notice and Proxy Statement and Annual Report online at www.ProxyVote.com OR you can receive a free paper or email copy of the material(s) by requesting prior to May 26, 2025. 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, (2) call 1-800-579-1639 or (3) send an email to 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.

The record date for the Annual Meeting is April 15, 2025. Only stockholders at the close of business on that date may vote at the meeting or any adjournment thereof. A list of stockholders entitled to vote at the Annual Meeting will be available at the Company's principal executive offices for examination during normal business hours by any stockholder for any purpose germane to the Annual Meeting for a period of ten days ending the day prior to the Annual Meeting.



For complete information and to vote, visit www.ProxyVote.com

Control #

Smartphone users
Point your camera here and
vote without entering a
control number



How to Vote

Goodwin Procter, 100 Northern Ave, 17th Floor
Boston, MA 02210

During the meeting - The Annual Meeting will be held in person at the offices of Goodwin Procter, 100 Northern Ave, 17th Floor, Boston, MA 02210. You will be given a ballot when you arrive. If you are a beneficial owner of shares registered in the name of your broker, bank or other agent, you must obtain a valid proxy from your broker, bank or other agent.

Other voting options - You may also vote by Internet (by visiting www.ProxyVote.com or scanning the QR Barcode shown to the left), or by phone or mail (by requesting a paper copy of the proxy materials, which will include a proxy card with additional voting instructions). Vote by 11:59 PM ET on June 8, 2025. Have the control number indicated in this notice when voting by Internet or by phone.

*Please check the meeting materials for any special requirements for meeting attendance. At the meeting, you will need to request a ballot to vote these shares.

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.

You are receiving this communication because you hold shares in X4 Pharmaceuticals, Inc.

This communication presents only an overview of the more complete proxy materials, which contain important information and are available to you on the internet or by mail. We encourage you to access and review all of the important information contained in the proxy materials before voting.

See the reverse side of this notice to obtain proxy materials and voting instructions.

Voting Items

	Board Recommends
1. To elect the one (1) nominee named in the accompanying proxy statement (the "Proxy Statement"), R. Keith Woods, to the Board of Directors to hold office until the 2028 Annual Meeting of Stockholders and until his successor is duly elected and qualified until his earlier death, resignation or removal. Nominee: 1a. R. Keith Woods	✓ For
2. To ratify the selection by the Audit Committee of the Board of Directors of PricewaterhouseCoopers LLP as the independent registered public accounting firm of the Company for its fiscal year ending December 31, 2025.	✓ For
3. To hold a non-binding, advisory "say-on-pay" vote on the Company's executive compensation.	✓ For
NOTE: Such other business as may properly come before the meeting or any adjournment thereof.	