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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

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

**NKARTA, INC.**

(Name of Registrant as Specified In Its Charter)

**Not applicable**

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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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NKARTA, INC.  
1750 VESTERLAND BOULEVARD  
SOUTH SAN FRANCISCO, CA 94080

## Your **Vote** Counts!

**NKARTA, INC.**

2025 Annual Meeting  
Vote by June 4, 2025  
11:59 PM ET



V72379-928174

### You invested in NKARTA, 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 5, 2025.**

### Get informed before you vote

View the Notice & Proxy Statement and 2024 Annual Report to stockholders online OR you can receive a free paper or email copy of the material(s) by making a request prior to May 22, 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](http://www.ProxyVote.com), (2) call toll-free 1-800-579-1639 or (3) send an email to [sendmaterial@proxymote.com](mailto:sendmaterial@proxymote.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 5, 2025  
1:00 p.m., Pacific Time  
[www.virtualshareholdermeeting.com/NKTX2025](http://www.virtualshareholdermeeting.com/NKTX2025)

**Vote Before the Meeting**  
at ProxyVote.com by June 4, 2025 11:59 PM ET

\*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 on these important matters.

Voting Items	Board Recommends
1. Election of three directors to serve until the company's 2028 annual meeting of stockholders and until their respective successors are duly elected and qualified: 01) Michael Dybbos, Ph.D. 02) Simeon George, M.D., M.B.A. 03) Leone Patterson, M.B.A.	<input checked="" type="checkbox"/> For All
2. Ratification of the appointment of Ernst & Young LLP as the company's independent registered public accounting firm for the year ending December 31, 2025.	<input checked="" type="checkbox"/> For
<b>NOTE:</b> In their discretion, the proxies are authorized to vote upon such other business as may properly come before the meeting or any adjournment or postponement thereof.	
Prefer to receive an email instead? While voting on <a href="http://www.ProxyVote.com">www.ProxyVote.com</a> , be sure to click "Delivery Settings".	