

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 Pursuant to §240.14a-12

**Alnylam 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 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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# Your **Vote** Counts!

**ALNYLAM PHARMACEUTICALS, INC.**

2026 Annual Meeting

Vote by May 19, 2026 11:59 PM ET. For shares held in a 401(k) Plan, vote by May 15, 2026 11:59 PM ET.

ALNYLAM PHARMACEUTICALS, INC.  
ATTN: SECRETARY  
675 WEST KENDALL STREET  
HENRI A. TERMEER SQUARE  
CAMBRIDGE, MA 02142



V88109-Z92132,P46767

## You invested in ALNYLAM 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 materials for the stockholder meeting to be held on May 20, 2026.**

### Get informed before you vote

View the Proxy Statement, our Annual Report on Form 10-K and our Annual Report to Stockholders online OR you can receive a free paper or email copy of the material(s) by requesting prior to May 6, 2026. 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\*

May 20, 2026  
10:30 a.m., Eastern Time

Virtually at:  
[www.virtualshareholdermeeting.com/ALNY2026](http://www.virtualshareholdermeeting.com/ALNY2026)

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

Vote at [www.ProxyVote.com](http://www.ProxyVote.com)

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<br>Recommendations |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 1. To elect the following nominees as Class I directors of Alnylam:<br><b>Nominees:</b>                                                                                                       |                          |
| 1a. Stuart A. Arbuckle                                                                                                                                                                        | ☑ For                    |
| 1b. Yvonne L. Greenstreet, M.D.                                                                                                                                                               | ☑ For                    |
| 1c. Elliott Sigal M.D., Ph.D.                                                                                                                                                                 | ☑ For                    |
| 2. To approve, in a non-binding advisory vote, the compensation of Alnylam's named executive officers.                                                                                        | ☑ For                    |
| 3. To ratify the appointment of PricewaterhouseCoopers LLP, an independent registered public accounting firm, as Alnylam's independent auditors for the fiscal year ending December 31, 2026. | ☑ For                    |
| In their discretion, the Proxies are authorized to vote upon any other business that may properly come before the annual meeting or at any adjournment(s) thereof.                            |                          |

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