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

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SCHEDULE 14A  
(Rule 14a-101)  
INFORMATION REQUIRED IN PROXY STATEMENT  
SCHEDULE 14A INFORMATION  
Proxy Statement Pursuant to Section 14(a) of the  
Securities Exchange Act of 1934

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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

**LANTHEUS HOLDINGS, INC.**  
(Name of Registrant as Specified in its Charter)

**Not applicable.**

(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 matters!



## Lantheus Holdings, Inc. Annual Meeting of Stockholders

Thursday, May 1, 2025 9:00 AM, Eastern Time

North Bldg. Cafe at the Lantheus Bedford Office, 201 Burlington Rd., Bedford, MA 01730

To attend virtually you must pre-register online at [www.proxydocs.com/LNTH](http://www.proxydocs.com/LNTH)

For a convenient way to view proxy materials, VOTE, and obtain directions to attend the meeting, go to [www.proxydocs.com/LNTH](http://www.proxydocs.com/LNTH)

To vote your proxy while visiting this site, you will need the 12 digit control number in the box below.

This communication presents only an overview of the more complete proxy materials that are available to you on the Internet. This is not a ballot. You cannot use this notice to vote your shares. We encourage you to access and review all of the important information contained in the proxy materials before voting.

Under United States Securities and Exchange Commission rules, proxy materials do not have to be delivered in paper. Proxy materials can be distributed by making them available on the internet.

If you want to receive a paper or e-mail copy of the proxy material, you must request one. There is no charge to you for requesting a copy. In order to receive a paper package in time for this year's meeting, you must make this request on or before April 21, 2025.

**SEE REVERSE FOR FULL AGENDA**

**Meeting Materials:** Notice of Meeting and Proxy Statement & Annual Report on Form 10-K

**Important Notice Regarding the Availability of Proxy Materials for the Stockholders Meeting To Be Held On May 1, 2025 For Stockholders of record as of March 3, 2025**

To order paper materials, use one of the following methods.



**Internet:**  
[www.investorelections.com/LNTH](http://www.investorelections.com/LNTH)



**Call:**  
1-866-648-8133



**Email:**  
[paper@investorelections.com](mailto:paper@investorelections.com)

\* If requesting material by e-mail, please send a blank e-mail with the 12 digit control number (located below) in the subject line. No other requests, instructions OR other inquiries should be included with your e-mail requesting material.

Your control number

Have the 12 digit control number located in the box above available when you access the website and follow the instructions.



**THE BOARD OF DIRECTORS RECOMMENDS A VOTE:**  
**FOR ON PROPOSALS 1, 2 AND 3**  
**NO RECOMMENDATION ON PROPOSAL 4**

**PROPOSAL**

1. The election of four Class I directors to our Board of Directors.
  - 1.01 Ms. Mary Anne Heino
  - 1.02 Dr. Gérard Ber
  - 1.03 Ms. Julie Eastland
  - 1.04 Mr. Samuel Leno
2. The approval, on an advisory basis, of the compensation paid to our named executive officers.
3. The ratification of the appointment of Deloitte & Touche LLP as our independent registered public accounting firm for the fiscal year ending December 31, 2025.
4. The shareholder proposal regarding the declassification of our Board of Directors.