

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 under §240.14a-12

LANTHEUS HOLDINGS, 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.

(1) Title of each class of securities to which transaction applies:

(2) Aggregate number of securities to which transaction applies:

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

(4) Proposed maximum aggregate value of transaction:

(5) Total fee paid:

Fee paid previously with preliminary materials.

Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

(3) Filing Party:

(4) Date Filed:



P.O. BOX 8016, CARY, NC 27512-9903

Important Notice Regarding the Availability of Proxy Materials for Lantheus Holdings, Inc.

**Stockholders Meeting to be held on
April 28, 2021
For Stockholders as of March 01, 2021**

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.

To view the proxy materials go to:
www.proxydocs.com/LNTH

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

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.

CONTROL NUMBER



**For a convenient way to view proxy materials
and VOTE go to www.proxydocs.com/LNTH**

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

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 shareholder meeting, you must make this request on or before April 19, 2021.

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



INTERNET

www.investorelections.com/LNTH



TELEPHONE

(866) 648-8133



*** E-MAIL**

paper@investorelections.com

When requesting via the internet or telephone you will need the 12 digit control number located in the shaded box above.

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

Lantheus Holdings, Inc. Meeting Information

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

Meeting Type: Annual Meeting of Stockholders

Date: Wednesday, April 28, 2021

Time: 11:00 AM, Eastern Time

Place: Annual Meeting to be held live via the Internet - please visit www.proxydocs.com/LNTH for more details.

You must pre-register to attend the meeting online and/or participate at the email address indicated.

SEE REVERSE FOR FULL AGENDA

Lantheus Holdings, Inc.

Annual Meeting of Stockholders

THE BOARD OF DIRECTORS RECOMMENDS A VOTE FOR ALL THE NOMINEES IN PROPOSAL 1 AND FOR PROPOSALS 2, 3 and 4.

PROPOSAL

1. The election of three Class III directors to our Board of Directors.

1.01 Brian Markison

1.02 Gary Pruden

1.03 Dr. James Thrall

The Board of Directors recommends you vote FOR the following proposal:

2. The approval, on an advisory basis, of the compensation paid to our named executive officers (commonly referred to as "say on pay").

The Board of Directors recommends you vote FOR the following proposal:

3. The approval of an amendment to the Lantheus Holdings, Inc. 2015 Equity Incentive Plan to increase the number of shares of common stock reserved for issuance thereunder by 2,600,000 shares.

The Board of Directors recommends you vote FOR the following proposal:

4. The ratification of the appointment of Deloitte & Touche LLP as our independent registered public accounting firm for the fiscal year ending December 31, 2021.