

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**  
Washington, DC 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

**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:  
\_\_\_\_\_



**ADDITIONAL INFORMATION REGARDING THE 2020 ANNUAL MEETING OF STOCKHOLDERS TO BE HELD ON THURSDAY, APRIL 23, 2020.**

The following Notice of Change of Location relates to the proxy statement (the "Proxy Statement") of Lantheus Holdings, Inc. (the "Company"), dated March 12, 2020, furnished to stockholders of the Company in connection with the solicitation of proxies by the Board of Directors of the Company for use at the 2020 Annual Meeting of Stockholders to be held on Thursday, April 23, 2020. This Supplement is being filed with the Securities and Exchange Commission and is being made available to stockholders on or about April 6, 2020.

**THE NOTICE SHOULD BE READ IN CONJUNCTION WITH THE PROXY STATEMENT.**

**NOTICE OF CHANGE OF LOCATION  
OF THE 2020 ANNUAL MEETING OF STOCKHOLDERS  
TO BE HELD ON APRIL 23, 2020**

To Our Stockholders:

Due to the emerging public health impact of the coronavirus outbreak (COVID-19) and to support the health and well-being of our partners and shareholders, NOTICE IS HEREBY GIVEN that the location of the 2020 Annual Meeting of Stockholders (the "Annual Meeting") of Lantheus Holdings, Inc. (the "Company") has been changed. As previously announced, the Annual Meeting will be held on Thursday, April 23, 2020 at 11:00 a.m., Eastern Time. In light of public health concerns regarding the coronavirus outbreak, the Annual Meeting will be held in a virtual meeting format only. You will not be able to attend the Annual Meeting physically.

As described in the proxy materials for the Annual Meeting previously distributed, you are entitled to participate in the Annual Meeting if you were a stockholder as of the close of business on February 24, 2020, the record date, or hold a legal proxy for the meeting provided by your bank, broker, or nominee. To be admitted to the Annual Meeting at [www.proxydocs.com/LNTH](http://www.proxydocs.com/LNTH), you must register by April 21, 2020 at 5:00 p.m. Eastern Time, clicking a link within this website. You must enter the unique 12-digit control number found on your proxy card, voting instruction form or notice you previously received. You may vote during the Annual Meeting by following the instructions available on the meeting website during the meeting. A support line will be available on the meeting website for any questions on how to participate in the Annual Meeting. Whether or not you plan to attend the Annual Meeting, we urge you to vote and submit your proxy in advance of the meeting by one of the methods described in the proxy materials for the Annual Meeting. The proxy card included with the proxy materials previously distributed may continue to be used to vote your shares in connection with the Annual Meeting.

By Order of the Board of Directors,

Daniel M. Niedzwiecki

*Vice President, Deputy General Counsel and Corporate Secretary*

April 6, 2020

**The Annual Meeting on April 23, 2020 at 11:00 a.m. Eastern Time is available at [www.proxydocs.com/LNTH](http://www.proxydocs.com/LNTH).** The proxy statement and Annual Report are available on our Investor Relations website at <https://www.proxydocs.com/lnth>.