FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| wasnington, | D.C. | 20049 | |
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| | | | |

OMB APPROVAL STATEMENT OF CHANGES IN BENEFICIAL OWNER

| OHIF I | OMB Number: | 3235-0287 | | | | |
|--------|--------------------------|-----------|--|--|--|--|
| | Estimated average burden | | | | | |
| | hours per response. | 0.5 | | | | |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* SCHAFFER DERACE L | | | | 2. Issuer Name and Ticker or Trading Symbol Lantheus Holdings, Inc. [LNTH] | | | | | | | | | Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner | | | | | | |
|--|---|---------|------------------------------|--|---|--|--|------|---|--------|--------------------|------------------------|---|---|---|---|---|------------|--|
| (Last) C/O LAN | (Fi | rst) (I | Middle) | | 3. Date of Earliest Transaction (Month/Day/Year) 03/04/2016 | | | | | | | | X | | er (give title | | er (specify | | |
| (Street) NORTH BILLERI (City) | | |)1862 Zip) | | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | . Individine) | Form | i filed by One | o Filing (Check e Reporting Pore than One R | erson | |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | | | | | | | | | | | | | |
| Date | | | nth/Day/Year) if | | 2A. Deemed Execution Date, if any (Month/Day/Year) | | Transaction Disposed Code (Instr. 5) | | ties Acquired (A) d Of (D) (Instr. 3, 4 | | | 4 and Sec Ber Ow | | cially I Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Ownership | | | |
| | | | | | | | | Code | v | Amount | | (A) or (D) | Price | . 11 | Reported Transaction(s) (Instr. 3 and 4) | | | (Instr. 4) | |
| Common Stock 03/04 | | | | 03/04 | 3/04/2016 | | | | A | | 25,000 A | | \$ <mark>0</mark> . | 00 | 75,000 | | D | | |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 3) | Derivative Conversion Date Execution Date, Gecurity or Exercise (Month/Day/Year) if any | | Transaction Code (Instr. Is) | | of I | | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4) | | str. 3 | | ivative curity str. 5) | 9. Number or derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership t (Instr. 4) | | | |
| | | | | | Code | v | (A) | (D) | Date Exercisa | | Expiration Date | Title | or Nun of | ount nber res | | | | | |

Explanation of Responses:

Remarks:

/s/ Michael P. Duffy, attorney-

03/08/2016

in-fact

** Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.