## FORM 4

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

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL             |           |  |  |  |  |  |  |  |  |
|--------------------------|-----------|--|--|--|--|--|--|--|--|
| OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |  |
| Estimated average burden |           |  |  |  |  |  |  |  |  |
| hours per response:      | 0.5       |  |  |  |  |  |  |  |  |

|   | ion 1(b).   | ide. dee |  | Filed   |   |       |   |       |  |     | ies Exchan   |   |                   | 84                  |  | liouis  | per response.   | 0.5  |  |
|---|---|----------|--|---------|---|-------|---|-------|--|-----|--|---|-------------------|---------------------|--|---|---|--|--|
| 1. Name and Address of Reporting Person*  CAPETOLA ROBERT J  (Last) (First) (Middle)  2600 KELLY ROAD |   |          |  |         | or Section 30(h) of the Investment Company Act of 1940  2. Issuer Name and Ticker or Trading Symbol DISCOVERY LABORATORIES INC /DE/ [DSCO]  3. Date of Earliest Transaction (Month/Day/Year) 11/17/2008 |       |   |       |  |     |  |   |                   |                     |  |   |   | Owner<br>(specify  |  |
| (Street) WARRINGTON PA 18976  (City) (State) (Zip)  |   |          |  |         | 4. If Amendment, Date of Original Filed (Month/Day/Year)  |       |   |       |  |     |  |   |                   |                     | 6. Individual or Joint/Group Filing (Check Applicable Line)  X Form filed by One Reporting Person Form filed by More than One Reporting Person |   |   |  |  |
|   |   | Tabl     | e I - Non-   | Deriva  | ative   | Se    | curitie   | s Acc | quired,  | Dis | posed o  | f, or   | Ben               | eficia              | ally Own   | ed  |   |  |  |
| 1. Title of Security (Instr. 3)  2. Transac Date (Month/Date)   |   |          |  |         | Day/Year)   Ex  |       | A. Deemed<br>execution Date,<br>fany<br>Month/Day/Year) |       | Transaction I  |     | 4. Securities Acquired (A)<br>Disposed Of (D) (Instr. 3,<br>5) |   | (A) or<br>3, 4 ar | nd Secur<br>Benet   | icially<br>d Following   | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)   | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |  |
|   |   |          |  |         |   |       |   |       | Code   | v   | Amount   |   | A) or<br>D)       | Price               | Trans  | action(s)<br>3 and 4)   |   | (1130.4)   |  |
| Common Stock 11/17/2  |   |          |  |         |   | /2008 |   |       | P  |     | 10,000   | )   | Α                 | \$1.0               | )45 4  | 446,025   |   |  |  |
|   |   | Та       | ıble II - De<br>(e.  |         |   |       |   |       |  |     | osed of,<br>onvertib   |   |                   |                     | y Owned  |   |   |  |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)   | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security |          | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year | Date, T | 4.<br>Transaction<br>Code (Instr.<br>8)   |       | n of  |       | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |     |  | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>and 4) |                   | str. 3              | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)  | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s<br>(Instr. 4) | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|   |   |          |  |         | Code  | v     | (A)   | (D)   | Date<br>Exercisa   |     | Expiration<br>Date   | Title   | or<br>Nur<br>of   | ount<br>nber<br>res |  |   |   |  |  |

**Explanation of Responses:** 

Robert J. Capetola, Ph.D.

11/17/2008

\*\* Signature of Reporting Person

Date

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

- $^{\star}$  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.