

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

SCHEDULE 13G
Under the Securities Exchange Act of 1934
(Amendment No. _____)*

DISCOVERY LABORATORIES, INC.

(Name of Issuer)

Common Stock, par value \$0.001 per share

(Title of Class of Securities)

254668 10 6

(CUSIP Number)

June 16, 1998

(Date of Event Which Requires Filing of this Schedule)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Schedule 13G

CUSIP No. 254668 10 6

1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Robert J. Capetola, Ph.D.

2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP N/A a. <input type="checkbox"/> b. <input type="checkbox"/>

3	SEC USE ONLY

4	CITIZENSHIP OR PLACE OF ORGANIZATION United States

5	SOLE VOTING POWER 619,973

NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	6 SHARED VOTING POWER 0

	7 SOLE DISPOSITIVE POWER 619,973

	8 SHARED DISPOSITIVE POWER 0

9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

619,973

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

N/A

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

13.81%

12 TYPE OF REPORTING PERSON*

IN

*SEE INSTRUCTIONS BEFORE FILLING OUT

- ITEM 1(a). NAME OF ISSUER:
Discovery Laboratories, Inc.
- ITEM 1(b). ADDRESS OF ISSUER'S PRINCIPAL EXECUTIVE OFFICES:
3359 Durham Road
Doylestown, Pennsylvania 10022
- ITEM 2(a). NAME OF PERSONS FILING:
Robert J. Capetola, Ph.D.
- ITEM 2(b). ADDRESS OF PRINCIPAL BUSINESS OFFICE OR, IF NONE, RESIDENCE:

c/o Discovery Laboratories, Inc.
3359 Durham Road
Doylestown, Pennsylvania 10022
- ITEM 2(c). CITIZENSHIP:
United States
- ITEM 2(d). TITLE OF CLASS OF SECURITIES:
Common Stock, par value \$0.001 per share. ("Discovery Common
Stock")
- ITEM 2(e). CUSIP NUMBER:
254668 10 6
- ITEM 3. IF THIS STATEMENT IS FILED PURSUANT TO RULE 13d-1(b), OR
13d-2(b), CHECK WHETHER THE PERSON FILING IS A:
Not Applicable
- ITEM 4. OWNERSHIP
- (a) AMOUNT BENEFICIALLY OWNED AS OF JUNE 16, 1998:
619,973
- (b) PERCENT OF CLASS:
13.81%
- (c) NUMBER OF SHARES AS TO WHICH SUCH PERSON HAS:
- (i) Sole power to vote or to direct the vote:
619,973*
- (ii) Shared power to vote or to direct the vote:
None
- (iii) Sole power to dispose or to direct the disposition of:
619,973*
- (iv) Shared power to dispose or to direct the disposition of:
None
- * Includes 278,173 shares of Discovery Common Stock issuable on the exercise of
outstanding options, all of which are immediately exercisable and fully vested.
- ITEM 5. OWNERSHIP OF FIVE PERCENT OR LESS OF A CLASS
Not applicable

- ITEM 6. OWNERSHIP OF MORE THAN FIVE PERCENT ON BEHALF OF ANOTHER PERSON
Not applicable
- ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED
THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY
Not Applicable
- ITEM 8. IDENTIFICATION AND CLASSIFICATION OF MEMBERS OF THE GROUP
Not Applicable
- ITEM 9. NOTICE OF DISSOLUTION OF GROUP
Not Applicable
- ITEM 10. CERTIFICATION
Not Applicable

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: September 8, 1998

/s/ Robert J. Capetola

Robert J. Capetola, Ph.D.