

U.S. SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

FORM 4

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,  
Section 17(a) of the Public Utility Holding Company Act of 1935 or  
Section 30(f) of the Investment Company Act of 1940

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

1. Name and Address of Reporting Person

Capetola, Robert J.

(Last) (First) (Middle)

6097 Hidden Valley Drive

(Street)

Doylestown, Pennsylvania 18901

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol

Discovery Laboratories, Inc. (Discovery)  
DSCO

3. IRS or Social Security Number of Reporting Person (Voluntary)

4. Statement for Month/Year

July 1998

5. If Amendment, Date of Original (Month/Year)

6. Relationship of Reporting Person to Issuer  
(Check all applicable)

[X] Director [X] 10% Owner  
[X] Officer (give title below) [ ] Other (specify below)

Chief Executive Officer

7. Individual or Joint/Group Filing (Check Applicable Line)

[X] Form filed by One Reporting Person  
[ ] Form filed by More than One Reporting Person

Table I -- Non-Derivative Securities Acquired, Disposed of,  
or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (mm/dd/yy)	3. Transaction Code (Instr. 8) Code V	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned at End of Month (Instr. 3 and 4)	6. Owner- ship Form: Direct (D) or Indirect (I) (Instr.4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Amount	(A) or (D)	Price			
Common Stock	7/13/98	P	1,000	A	\$3.125	629,973	D	
Common Stock	7/20/98	P	2,000	A	\$3.00	629,973	D	
Common Stock	7/31/98	P	98,280	A	\$0.0026	629,973	D	

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

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)	2. Conver- sion of Exer- cise Price of Deriv- ative Secur- ity	3. Trans- action Date (Month/ Day/ Year)	4. Trans- action Code (Instr. 8) ----- Code V	5. Number of Derivative Securities Acquired (A) or Disposed of(D) (Instr. 3, 4 and 5) ----- (A) (D)	6. Date Exercisable and Expiration Date (Month/Day/Year) ----- Date Expira- tion Exer- tion Date		7. Title and Amount of Underlying Securities (Instr. 3 and 4) ----- Amount or Number of Shares	8. Price of Deriv- ative Secur- ity (Instr. 5)	9. Number of Deriv- ative Secur- ities Bene- ficially Owned at End Month (Instr. 4)	10. Owner- ship of Deriv- ative Secur- ity: Direct (D) or In- direct (I) (Instr. 4)	11. Nature of In- direct Bene- ficial Owner- ship (Instr. 4)
Non-Statutory Stock Option(1)	\$0.0026	7/31/98	C	98,280	6/16/98	10/10/06	Common Stock	98,280 0	189,893	D	

Explanation of Responses:

- (1) Represents a Right to Purchase.
- (2) This option is fully exercisable.

/s/ Robert J. Capetola 8/10/98  
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\*\* Signature of Reporting Person Date

\*\* 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 provided is insufficient, see Instruction 6 for procedures.