

FORM 3

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

1. Name and Address of Reporting Person*
Zodda Deni M.
(Last) (First) (Middle)
350 South Main Street, Suite 307
(Street)
Doylestown Pennsylvania 18901
(City) (State) (Zip)

2. Date of Event Requiring Statement (Month/Day/Year)
03/30/2001

3. IRS Identification Number of Reporting Person, if an entity (Voluntary)
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4. Issuer Name and Ticker or Trading Symbol
Discovery Laboratories, Inc. (DSCO)

5. Relationship of Reporting Person to Issuer
(Check all applicable)
[X] Director
[X] Officer (give title below)
[] 10% Owner
[] Other (specify below)
Senior Vice President, Business Development

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

7. Individual or Joint/Group Filing (Check applicable line)
[] Form filed by One Reporting Person
[] Form filed by More than One Reporting Person

Table I -- Non-Derivative Securities Beneficially Owned

Table with 4 columns: 1. Title of Security (Instr. 4), 2. Amount of Securities Beneficially Owned (Instr. 4), 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5), 4. Nature of Indirect Beneficial Ownership (Instr. 4)

* If the Form is filed by more than one Reporting Person see instruction 5(b)(v).
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

FORM 3 (continued)

Table II -- Derivative Securities Beneficially Owned
(e.g., puts, calls, warrants, options, convertible securities)

Table with 3 columns: 2. Date Exercisable, 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4), 5. Ownership Form of Derivative

1. Title of Derivative Security (Instr. 4)	and Expiration Date (Month/Day/Year)		Title	Amount or Number of Shares	4. Conversion or Exercise Price of Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date					
Employee Stock Option	09/18/00(1)	09/18/10	M	70,000	\$4.84	D	

Explanation of Responses:

(1) This employee stock option is immediately exercisable and vests 25% on the date of grant. The remaining 75% of the option shares become vested in three equal annual installments beginning with the first year anniversary of the grant.

/s/ Deni M. Zodda, Ph. D. April 25, 2001

** 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 procedure.