FORM 3

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

	or Sec		· · ·					
Name and Address of Reporting Person*     Miller Thomas F	2. Date of Event Requiring Statement (Month/Day/Year) 06/12/2006		3. Issuer Name and Ticker or Trading Symbol  DISCOVERY LABORATORIES INC /DE/ [ DSCO ]					
(Last) (First) (Middle) 2600 KELLY ROAD			4. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner  X Officer (give title Other (specify below) below)  SVP, Commercialization & Corp		r (Mor	5. If Amendment, Date of Original Filed (Month/Day/Year)		
SUITE 100					Appl	ndividual or Joint/Group Filing (Check licable Line)		
(Street) WARRINGTON PA 18976-3646			3v1, Commercianzation & Corp		^	X Form filed by One Reporting Person Form filed by More than One Reporting Person		
(City) (State) (Zip)								
	Table I - No	n-Derivat	ive Securities Beneficiall	y Owned				
1. Title of Security (Instr. 4)			. Amount of Securities leneficially Owned (Instr. 4)	3. Ownersh Form: Direct or Indirect ( (Instr. 5)	Direct (D) (Instr. 5)		Beneficial Ownership	
Common Stock			4,303	D				
(6			Securities Beneficially onto		s)			
1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		d 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise	5. Ownership Form:	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Price of Derivative Security	Direct (D) or Indirect (I) (Instr. 5)		
Incentive Stock Option (right to buy) <sup>(1)</sup>	06/12/2007	06/12/2016	Common Stock	23,337	1.29	D		
Incentive Stock Option (right to buy)(2)	06/10/2005	06/10/2015	Common Stock	7,500	6.69	D		
Incentive Stock Option (right to buy) <sup>(2)</sup>	01/03/2006	01/03/2016	Common Stock	18,092	7.01	D		
Incentive Stock Option (right to buy) <sup>(2)</sup> Incentive Stock Option (right to buy) <sup>(1)</sup>	01/03/2006	01/03/2016	Common Stock Common Stock	18,092 35,000	7.01 7.9	D D		
1 (3 ),			Common Stock					
Incentive Stock Option (right to buy) <sup>(1)</sup>	08/31/2005	08/31/2014	Common Stock Common Stock	35,000	7.9	D		
Incentive Stock Option (right to buy) <sup>(1)</sup> Incentive Stock Option (right to buy) <sup>(2)</sup> Non-Qualified Stock Option (right to buy) <sup>(1)</sup>	08/31/2005	08/31/2014	Common Stock Common Stock Common Stock	35,000 8,855	7.9 9.02	D D		
Incentive Stock Option (right to buy) <sup>(1)</sup> Incentive Stock Option (right to buy) <sup>(2)</sup>	08/31/2005 12/17/2004 06/12/2007	08/31/2014 12/17/2014 06/12/2016	Common Stock Common Stock Common Stock Common Stock	35,000 8,855 46,663	7.9 9.02 1.29	D D		

## Explanation of Responses:

- 1. This employee stock option shall vest in a series of three successive equal annual installments beginning with the first year anniversary of the grant.
- 2. This employee stock option shall vest 25% on the date of the grant and the balance shall vest in a series of successive equal monthly installments over the next 36 months.

Thomas F. Miller 06/20/2006

\*\* 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 5 (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.