

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

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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

1. Name and Address of Reporting Person * <u>Miller Thomas F</u>  (Last) (First) (Middle) <u>2600 KELLY ROAD</u>  (Street) <u>WARRINGTON PA 18976</u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>DISCOVERY LABORATORIES INC /DE/ [ DSCO ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner X Officer (give title below) Other (specify below) <u>SVP, Commercial. &amp; Corp. Dev.</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>12/15/2006</u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock <sup>(1)</sup>	09/30/2006		A	V	1,032	A	\$1.816	5,834	D	

**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. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Incentive Stock Option (right to buy)	\$2.46	12/15/2006		A		2,723		12/15/2006 <sup>(2)</sup>	12/15/2016	Common Stock	2,723	\$0	2,723	D	
Non-Qualified Stock Option (right to buy)	\$2.46	12/15/2006		A		97,277		12/15/2006 <sup>(2)</sup>	12/15/2016	Common Stock	97,277	\$0	97,277	D	

**Explanation of Responses:**

- Transaction reported on Table I represents Issuer's matching stock contribution pursuant to 401(k) plan.
- This employee stock option shall vest 25% on the date of the grant, and the balance shall vest in a series of three successive equal annual installments beginning with the first year anniversary of the grant.

Thomas F Miller 12/19/2006  
 \*\* Signature of Reporting Person Date

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

\* 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.

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