## FORM 5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

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ashington.	D.C.	20549	

# **ANNUAL STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

OMB APPF	ROVAL							
OMB Number:	3235-0362							
Estimated average burden								
hours per response:	1.0							

Instruction 1(b).

ransactions R	eported.	File	ed pursuant to or Sectior	Section 30(h)	on 16(a of the	a) of the Investi	e Secur ment Co	ities Exchar ompany Act	nge Act of 1940	of 1934 )							
Name and Address of Reporting Person*     Miller Thomas F						2. Issuer Name and Ticker or Trading Symbol DISCOVERY LABORATORIES INC /DE/ DSCO ]						5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner  V Officer (give title Other (specify					
(First LY RD	st) (I	3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2013							Year)	Senior VP & COO							
(Street) WARRINGTON PA 18976  (City) (State) (Zip)						4. If Amendment, Date of Original Filed (Month/Day/Year)						6. Individual or Joint/Group Filing (Check Applicable Line)  X Form filed by One Reporting Person Form filed by More than One Reporting Person					
	Table	e I - Non-Deriv	ative Sec	uritie	s Ac	auire	ed. Dis	sposed o	of. or	Benefici	allv	Owne	ed				
1. Title of Security (Instr. 3) 2. Trans Date		2. Transaction	2A. Deemed Execution Date, if any		3. Transaction Code (Instr.						5. Amount of Securities Beneficially		nt of es ally	6. Ownership Form: Direct	ership n: Direct	7. Nature of Indirect Beneficial Ownership	
			(Monumbay/Tear)		0)		Amour	ıt (	(A) or (D)	Price	-  -	Issuer's Fiscal		Ìndir	ect (I)	Instr. 4)	
tock		03/31/2013		A		١	1,9	10(1)	A	\$2.29		28,732			I	By Trust	
tock	06/30/2013			A		2,8	79(1)	A	\$1.52		28,732			Ι :	By Trust		
tock		09/30/2013	13 A			١	2,5	29(1)	A	\$1.73		28,732			I :	By Trust	
tock		12/31/2013		A			1,9	62(1)	A	\$2.23	:.23 2		28,732		I :	By Trust	
tock											15,460			D			
	Та											wned					
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)	of Deriv Secu Acqu (A) or Dispo of (D) (Instr	rative rities ired r osed	Expira	Date Exercisable and Expiration Date Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)  Amour or Numbe		8. Price Derivative Security (Instr. 5)		derivative Securities Beneficial Owned Following Reported		Form: Direct (D) or Indirect	Beneficial Ownership ect (Instr. 4)	
	Address of Formas Forma	(First) (Interest of Derivative (Month/Day/Year)	Address of Reporting Person*  nomas F  (First) (Middle)  LY RD  Table I - Non-Deriv  arity (Instr. 3)  2. Transaction Date (Month/Day/Year)  tock  06/30/2013  tock  12/31/2013  2. Table II - Derivate (e.g., perce of Derivative (Month/Day/Year)  2. Table II - Derivate (e.g., perce)  (e.g., perce)  2. Table II - Derivate (e.g., perce)  (Month/Day/Year)  3. Transaction Date (Month/Day/Year)  2. Conversion or Exercise (Month/Day/Year)	Address of Reporting Person*  Conversion or Section or Section  Address of Reporting Person*  (First)  (Middle)  3. Statemed 12/31/20  4. If Amend 12/31/20  2. Transaction Date (Month/Day/Year)  (Month/Day/Year)  2. Transaction Date (Month/Day/Year)  2. Transaction Date (Month/Day/Year)  2. Transaction Date (Month/Day/Year)  2. Transaction Date (James Conversion or Exercise of Derivative Date (Month/Day/Year)  3. Transaction Date (Month/Day/Year)  2. Transaction Date (Month/Day/Year)  3. Transaction Date (Month/Day/Year)  3. Transaction Date (Month/Day/Year)  4. Transaction Code (Instr. 8)	Address of Reporting Person*  (First)  (First)  (Middle)  2. Issuer Name a DISCOVEI [DSCO]  3. Statement for 12/31/2013  4. If Amendment  (STON PA 18976  (State)  (Zip)  Table I - Non-Derivative Securities (Month/Day/Year)  (Month/Day/Year)	Address of Reporting Person*  (First)  (First)  (Kitate)  Table I - Non-Derivative Securities Active (Month/Day/Year)  (Month/Day/Year)  Table II - Derivative Securities Active (Month/Day/Year)  Table II - Derivative Securities Active (Month/Day/Year)  Table II - Derivative Securities Active (Month/Day/Year)  Table III - Derivative Securities Active (Month/Day/Year)  Table III - Derivative Securities Active (Month/Day/Year)  Table III - Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	Address of Reporting Person*  NOMAS F  (First)  (Middle)  (First)  (Middle)  (State)  (Zip)  Table I - Non-Derivative Securities Acquired (Month/Day/Year)  (Month/Day/Year)  (Stock  06/30/2013  A  Table II - Derivative Securities Acquired (e.g., puts, calls, warrants, opti Price of Derivative Security  (Month/Day/Year)  (State)  (State)  (Zip)  Table II - Derivative Securities Acquired (e.g., puts, calls, warrants, opti Price of Derivative Security  (Month/Day/Year)  (Month/Day/Year)	Address of Reporting Person normal F  (First) (Middle)  (First) (Middle)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of (D) (Month/Day/Year)  (Month/Day/Year)  (State) (3/31/2013  A 1,9  A 2,8  A 2,8  A 2,5  A 1,9  A 1,9	Address of Reporting Person*  Address of Reporting Person*  Conversion and Technology Person*  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of (Poly (Month/Day/Year) (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of (Poly (Month/Day/Year) (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of (Poly (Instr. 3) (Month/Day/Year) (Month/Day/Year)  (State) (Zip)  Table II - Derivative Securities Acquired, Disposed of (Poly (Instr. 3) (Month/Day/Year) (Month/Day/Year)  (State) (Zip)  Table II - Derivative Securities Acquired, Disposed of (Poly (Instr. 3) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year)  (State) (Zip)  Table II - Derivative Securities Acquired, Disposed of (Poly (Instr. 3) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year)  (State) (Zip)  Table II - Derivative Securities Acquired, Disposed of (Poly (Instr. 3) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year) (Month/Day/Year)  2. Transaction (Date (Instr. 3) (Month/Day/Year) (Month/	ansactions Reported.  or Section 30(h) of the Investment Company Act of 1940 Address of Reporting Person 100mas F  (First) (Middle)  LY RD  (First) (Middle)  (First) (Middle)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Investment Company Act of 1940 (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Investment Company Act of 1940 (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Investment Company Act of 1940 (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Investment Company Act of 1940 (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Investment Company Act of 1940 (Month/Day/Year)  (Month/Day/Year) A 18976  (State) (Zip)  Table II - Derivative Securities Acquired, Disposed of, or Be (e.g., puts, calls, warrants, options, convertible security  (Month/Day/Year)  3. Transaction Date (e.g., puts, calls, warrants, options, convertible security Securities Acquired (A) or Derivative Securities Acquired (A) and 5)  Date Execution Date (Month/Day/Year)  (Month/Day/Year) Securities Acquired (A) or Derivative Securities Acquired (A) or Derivative Securities Acquired (A) or Derivative Securities Acquired (A) and 5)  Date Execution Date (Month/Day/Year) Securities Acquired (A) and 5)	Address of Reporting Person* 100mas F  (First) (Middle)  (First) (Middle)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficial (Month/Day/Year)  (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficial (Month/Day/Year)  (Month/Day/Year) (Month/Day/Year)  (Transaction Date of Original Filed (Month/Day/Year)  (Month/Day/Year) (Month/Day/Year)  (Month/	Address of Reporting Person and Ticker or Trading Symbol DISCOVERY LABORATORIES INC /DE/ [Chec   DISCO   X   DISCOVERY LABORATORIES INC /DE/   DISCOVERY LABORATORIES INC /DE/   X   DISCOVERY LABORATORIES INC /DE/   DISCOVERY LABORATORIES INC /DE/   X   DISCOVERY LABORATORIES INC /DE/   X   DISCOVERY LABORATORIES INC /DE/   X   DISCOVERY LABORATORIES INC /DE/   DISCOVERY LABORATOR	Address of Reporting Person' DISCOVERY LABORATORIES INC /DE/ [DSCO]  3. Statement for Issuer's Fiscal Year Ended (Month/Day/Year) 12/31/2013  4. If Amendment, Date of Original Filed (Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned Execution Date, If any (Month/Day/Year)  (State) 03/31/2013  A 1,910(1) A \$2.29 28, 100ck 06/30/2013  A 2,879(1) A \$1.52 28, 100ck 12/31/2013  A 1,962(1) A \$2.23 28, 100ck 15. Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities)  Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible Securities)  A 1,962(1) A \$2.23 28, 100ck  Date Security (instr. 3) A Deemed Securities Security Security Securities Secur	Address of Reporting Person 100mas F	Address of Reporting Person 100mas F	Address of Reporting Person's Command Fig. (Middle)  Address of Reporting Person's Command Fig. (Middle)  (First) (Middle)  (First) (Middle)  (First) (Middle)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned at each of Month/Day/Year)  (State) (Zip)  Table I - Non-Derivative Securities Acquired, Disposed of, Or Beneficially Owned at each of Month/Day/Year)  (Instr. 3)  2. Transaction Date Securities Acquired (Month/Day/Year) (Month/Day/Year)  (Instr. 4)  Anount (A) or Price (D) Price (Month/Day/Year)  (Instr. 4)  Anount (A) or Disposed of, Or Beneficially Owned (B. Anount of Securities Securities (D) or Indirect (D	

### **Explanation of Responses:**

1. Transaction reported on Table I represents Issuer's matching stock contribution pursuant to 401(k) plan.

#### Remarks:

Thomas F. Miller

02/11/2014

\*\* 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.

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.