FORM 4

## **UNITED STATES SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
Estimated average burden hours per response: 0.5

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*  Goldberg Mark Alan						2. Issuer Name and Ticker or Trading Symbol  IDERA PHARMACEUTICALS, INC. [ IDRA ]									ck all appl Direct	icable) or	Person(s) to I	wner
(Last) (First) (Middle) C/O IDERA PHARMACEUTICALS, INC.					3. Date of Earliest Transaction (Month/Day/Year) 03/17/2014										Office below	r (give title )	Other ( below)	specify
167 SIDNEY STREET					4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)				
(Street)  CAMBRIDGE MA 02139			02139										X		filed by More	Reporting Pers than One Rep		
(City) (State) (Zip)																		
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																		
1. Title of Security (Instr. 3)  2. Transacti Date (Month/Day				Execution Date,			3. Transaction Code (Instr. 8) 4. Securities Acquired Disposed Of (D) (Instr. and 5)						ies   F	6. Ownership Form: Direct D) or ndirect (I)	7. Nature of Indirect Beneficial Ownership			
								Code	v	Amoun	Amount (A) or (D)		rice	Report		Instr. 4)	(Instr. 4)	
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)		on of		6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		3	. Price of Perivative Security Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				c	ode	v	(A)	(D)	Date Exercisable	Ex Da	piration te	Title	Amo or Num of Shar	ber				
Stock Option	\$6.06	03/17/2014			Α		40,000		(1)	03/	/17/2024	Common Stock	40,0	000	\$0.00	40,000	D	

## **Explanation of Responses:**

1. The option vests in twelve equal quarterly installments over three years from the date of grant, with the first installment vesting on June 17, 2014.

## Remarks:

s/ Mark Goldberg

03/19/2014

\*\* 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.