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*  HARTLEY C KEITH					IDE	2. Issuer Name and Ticker or Trading Symbol  IDERA PHARMACEUTICALS, INC. [ IDRA ]									k all appl Direct	ionship of Reporting l all applicable) Director		10% O	wner
(Last) (First) (Middle) 14 WYNNWOOD ROAD				3. Date of Earliest Transaction (Month/Day/Year) 08/16/2013										Officer (give title below)		Other (s	specify		
(Street)	WICH C	CH CT 06830-3409				4. If Amendment, Date of Original Filed (Month/Day/Year)									dividual or Joint/Group Filing (Check Applicable Form filed by One Reporting Person Form filed by More than One Reporting				
(City)	(S	tate) (	Zip)												Perso				
		Tab	le I - No	on-Deriv	ative S	Sec	urities	Ac	quired, D	isp	osed o	of, or B	enefic	ially	Owne	d			
1. Title of Security (Instr. 3)  2. Transacti Date (Month/Day)					Execution Date,			Transaction Dispose Code (Instr. and 5)			rities Acq ed Of (D)		4 Securit Benefic Owned		ties Fo cially (D)		n: Direct or rect (I)	7. Nature of Indirect Beneficial Ownership	
							Code	v	Amoun	Amount (A) or (D)		ice				tr. 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)		ı of l		6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		Of D Sc (I	Price f erivative ecurity nstr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	,	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership
					Code	v	(A)	(D)	Date Exercisable		piration ite	Title	Amou or Numb of Share	er					
Stock Option	\$1.5	08/16/2013			A		40,000		(1)	08	/16/2023	Common Stock	40,0	00	\$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 November 16, 2013.

## Remarks:

<u>/s/ C. Keith Hartley</u> <u>08/16/2013</u>

\*\* 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.