FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL							
OMB Number: 3235-028							
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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* AGRAWAL SUDHIR					IDE	2. Issuer Name and Ticker or Trading Symbol IDERA PHARMACEUTICALS, INC. [IDRA]									lationship ock all applic	et (give title Oth		son(s) to Is		
(Last) (First) (Middle)					3. Dat	3. Date of Earliest Transaction (Month/Day/Year) 08/16/2013									Officer below)			Other (specify below)		
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														I ′	X Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(S	tate) (Zip)																	
		Tab	le I - N	on-Deriv	ative S	Sec	urities	Acc	quired, D	isp	osed o	f, or Be	nefi	icially	/ Owned					
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/						Execution Date,			3. Transaction Code (Instr. 8) 4. Securities Acquired Disposed Of (D) (Instr. and 5)							es For ally (D) Ind		: Direct of E	7. Nature of Indirect Beneficial Ownership	
									Code	v	Amount	Amount (A) or (D)			Reported			. 4)	nstr. 4)	
			Tabl						uired, Dis , options,						med					
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. Transact Code (In 8)				6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Secu (Instr. 3 and 4)		curity	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)	Beneficial Ownership	
					Code	v	(A)	(D)	Date Exercisabl		xpiration ate	Title	or	ount mber ares						
Stock Option	\$1.5	08/16/2013			A	Г	500,000		(1)	0	8/16/2023	Common Stock	500	0,000	\$0.00	500,00	0	D		

Explanation of Responses:

1. The option vests with respect to 40% of the underlying shares on the first anniversary of the date of grant and with respect to 20% of the underlying shares on each of the second, third and fourth anniversaries of the date of grant.

Remarks:

/s/ Sudhir Agrawal

08/16/2013

** Signature of Reporting Person Da

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.