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*  AGRAWAL SUDHIR						2. Issuer Name and Ticker or Trading Symbol IDERA PHARMACEUTICALS, INC. [ IDRA ]										all app		10	% Owner	
						3. Date of Earliest Transaction (Month/Day/Year) 06/25/2008									X	Offic belo	,		Other (specify below)	
167 SIDNEY STREET					4. If A	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)					
(Street)  CAMBRIDGE MA 02139  (City) (State) (Zip)															X Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(31								<u> </u>			_			_					
1. Title of S	Security (Ins		e ı - r	lon-Deriv	tion	2A. D	eemed	<u> </u>	3.		4. Securi	ties	Acquire	d (A) d	or	5. Am	ount of	6. Ownersh		
Date (Month/Day/				//Year)	Year) Execution Date if any (Month/Day/Ye			Transaction Code (Instr. ) 8)			(D) (Inst	r. 3, 4		Beneficially Owned		Form: Dire (D) or Indirect (I)	Beneficial Ownership			
									Code	v	Amount		(A) or (D)	Price		Following (I Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)	(Instr. 4)	
Common Stock 06/25/20					008				F <sup>(1)</sup>		6,594		D	\$14.	\$14.44		2,084	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)	vative Conversion Date urity or Exercise (Month/Day/Year) if any		tion Date,	4. Transaction Code (Instr. 8)		5. Nu of Deriv Securi Acqui (A) or Dispo of (D) (Instrand 5	rities ired r osed . 3, 4	6. Date Expiration (Month/D	n Da	ear)	Amount of Securities Underlying Derivative Security (Inst 3 and 4)		nstr.	t		9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Owners Form: Direct (I or Indir (I) (Instr 4)	Beneficial Ownership ect (Instr. 4)		

## Explanation of Responses:

1. Shares were repurchased by the issuer to cover the withholding taxes on the vesting 20,833 shares of restricted stock.

## Remarks:

Sudhir Agrawal

06/26/2008

ectly

\*\* Signature of Reporting Person Date

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

- $^{\star}$  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.