SEC Form 3

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF **SECURITIES**

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 A	Address of Repo	2. Date of Event Requiring Stater (Month/Day/Yea	nent	3. Issuer Name and Ticker or Trading Symbol IDERA PHARMACEUTICALS, INC. [IDP]							
(Last) 1802 CHES (Street) WEST CHESTER (City)	(First) TER HOLLO PA (State)	(Middle) W LANE 19382 (Zip)	_ 09/25/2007 _ _	4.		tionship of Reporting Per all applicable) Director Officer (give title below)	son(s) to Issu 10% Own Other (spe below)	er	(Mon 6. Ind	th/Day/Year) dividual or Joir icable Line) Form filed b Person	ate of Original Filed t/Group Filing (Check y One Reporting y More than One terson
			Table I - Non	-Derivati	ive Se	curities Beneficial	y Owned				
1. Title of Security (Instr. 4)						nt of Securities ally Owned (Instr. 4)	1		4. Nature of Indirect Beneficial Ownership (Instr. 5)		
						urities Beneficially ptions, convertible		s)			
1. Title of Derivative Security (Instr. 4)			Expiration Da	2. Date Exercisable and Expiration Date (Month/Day/Year)		d 3. Title and Amount of Secur Underlying Derivative Secur 4)		or	ersion	5. Ownership Form:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
			Date Exercisable	Expiratior Date	n Title		Amount or Number of Shares	Exerc Price Deriva Secur	of itive	Direct (D) or Indirect (I) (Instr. 5)	

Explanation of Responses:

Remarks:

No securities are beneficially owned.

Hans Mueller

** Signature of Reporting Person Date

09/27/2007

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 5 (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.