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

Name and Address of Reporting Person* ZEIN YOUSSEF EL						2. Issuer Name and Ticker or Trading Symbol IDERA PHARMACEUTICALS, INC. [IDRA]										tionship of Reporting all applicable) Director Officer (give title below)		ng Pe	10% C	wner
(Last) (First) (Middle) C/O IDERA PHARMACEUTICALS, INC.						3. Date of Earliest Transaction (Month/Day/Year) 11/10/2010													Other below)	(specify
167 SIDN	4. If Amendment, Date of Original Filed (Month/Day/Year)										6. Individual or Joint/Group Filing (Check Applicable Line)									
(Street)												X Form filed by One Reporting Person								
CAMBRIDGE MA 02139																Form filed by More than One Reporting Person				
(City)	(Sta	ate) (Z	Zip)																	
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																				
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/					//Year) i	Execution Date,			3. Transaction Code (Instr. 8) 4. Securities Acquired (Disposed Of (D) (Instr. 2)						3, 4 Secu Bene Own		rities eficially ed		Ownership m: Direct or irect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	Amount		(A) or (D)	Price		Following Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)		(111501. 4)					
Common Stock 11/10/20									P		13,000	0 A		\$2.7	5(1)	539,140			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)	conversion or Exercise Price of Derivative Security Date (Month/Day/Year) if any (Month/Day/Year) if any (Month/Day/Year)				Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			Expiration Date (Month/Day/Year)			Amo Secu Und Deri	Am or Nui of	.	it er		9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)		10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	

Explanation of Responses:

1. Represents the weighted average purchase price for shares purchased in multiple transactions. Purchase prices ranged from \$2.79, inclusive. Upon request of the staff of the Securities and Exchange Commission, the issuer or a security holder of such issuer, the reporting person will provide full information regarding the number of shares purchased at each separate price within the ranges set forth in this footnote (1) to this Form 4.

Remarks:

/s/ Youssef El Zein

11/12/2010

** 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.