FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL							
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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

Name and Address of Reporting Person* ZEIN YOUSSEF EL						2. Issuer Name and Ticker or Trading Symbol IDERA PHARMACEUTICALS, INC. [IDRA]										5. Relationship of Repo (Check all applicable) X Director Officer (give titl			Owner (specify
(Last) (First) (Middle) C/O IDERA PHARMACEUTICALS, INC.						3. Date of Earliest Transaction (Month/Day/Year) 06/16/2008									belov	ν.Ο	below		` '
167 SIDNE	4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)								
(Street)	treet) AMBRIDGE MA 02139															filed by M		porting Pe an One Re	
(City)	(Sta	ate) (Z	Zip)																
		Table	eI-	Non-Deriv	ative	Secu	ırities A	cqui	red,	Dis	sposed of	f, or E	Benef	icial	ly Owne	ed			
1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Ye				rear) i	Execution Date,			sacti e (Ins		4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4 and 5)				5. Amou Securitie Benefici Owned	es ally	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
								Cod	e	v	Amount	(A) (D)	or Pri	ce	Following Reported Transaction(s) (Instr. 3 and 4)		(iiisti	. 4,	(msu. 4)
Common Si	ommon Stock 06/16/200					8			1)		800,431	D	\$	0.00	0		I		By Optima Life Sciences Limited
Common Stock 06/16/200)8			1)		168,463	A	\$	0.00	210,357		I		Pillar Investment Limited
Common Stock															316,795		D		
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																		
Derivative Conversion Date Security or Exercise (Month/Day/Year) if			Exec if an			saction of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Exp (Mo	Date pirati onth/	on D		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) Amount or Number		tr.	. Price of Perivative Security Instr. 5)	9. Numbe derivative Securities Beneficia Owned Following Reported Transacti (Instr. 4)	s s lly	10. Ownership Form: Direct (D) or Indirec (I) (Instr. 4)	Beneficial Ownership
					Code	v	(A) (D)	Dat Exe	te ercisa	able	Expiration Date	Title	of Shar						

Explanation of Responses:

1. Shares of the Issuer held by Optima Life Sciences Limited ("Optima") and Pillar Investment Limited ("Pillar") may be deemed to be beneficially owned by the Reporting Person because of his economic interest in Pillar and Pillar's economic interest in Optima. The reported transaction involves the distribution of shares of the Issuer by Optima to (1) shareholders of Optima pursuant to an agreement entered into between the parties and (2) Pillar in connection with Pillar's carried interest in such shares in accordance with the governing documents of Optima.

Remarks:

Youssef El Zein

 $\underline{06/19/2008}$

** 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.