FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL						
OMB Number:	3235-0287					
Estimated average bur	den					
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

						or Se	ction 30(h)) of th	e Investn	nent	Company	Act o	f 1940						
1. Name and Pillar Inv		Reporting Person	on*				suer Name ERA Ph A]						<u>NC.</u> [Relationship of eck all applic	able)	2	X 10	% Owner
(Last) C/O IDER	(First	st) IACEUTICAL	(Midd	,			ate of Earli	est Tr	ansaction	(Mo	nth/Day/Y	ear)			Officer (below)	give title	le		ner (specify low)
167 SIDNE	Y STREE	ET				4. If	Amendmer	nt, Da	te of Orig	inal	Filed (Mon	th/Da	ıy/Year)	6. I		oint/Gro	oup Filir	ng (Che	ck Applicable
(Street) CAMBRID			021	39											Form file	-			Person Reporting
(City)	(Sta		(Zip)	Non F	Dorivo	tivo	Socuriti	00./	\ oquiro	4 [lichoco	1 of	or Po	noficio	ly Owned				
Table I - Non-Deriv 1. Title of Security (Instr. 3) 2. Transaction Date (Month/Day/Ye				action	2A. Deemed Execution Date,			3. Transaction Code (Instr. 8)		4. Securities Acquired (A) of Disposed Of (D) (Instr. 3, 4 and 5)			(A) or	5. Amount of Securities Beneficially Owned	F (1	6. Ownership Form: Direct (D) or Indirect (I)		7. Nature of Indirect Beneficial Ownership	
									Code	v	Amount		(A) or (D)	Price	Following Reported Transaction((Instr. 3 and	s)	Instr. 4		(Instr. 4)
Common St	tock			05/07	/2013				P		2,600,0	000	A	\$ <mark>0</mark>	0 ⁽⁴⁾		I		See Footnote ⁽⁴⁾⁽⁵⁾
Common St	tock			05/07	/2013				P		2,400,0	000	A	\$ <mark>0</mark>	0(4)		I		See Footnote ⁽⁴⁾⁽⁶⁾
			Ta				Securitie calls, wa								vned				
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	any	eemed tion Date, if th/Day/Year)	4. Transac Code (I 8)		5. Number of Derivative Securities Acquired (A Disposed of (Instr. 3, 4 a	A) or f (D)	6. Date E Expiratio (Month/D	n Date	•	Secu			8. Price of Derivative Security (Instr. 5)	9. Numb derivativ Securiti Benefici Owned Followin	ve ies ially	10. Ownersh Form: Direct (D or Indirec (I) (Instr.	Beneficial) Ownership ct (Instr. 4)
					Code	v	(A)	(D)	Date Exercisal		Expiration Date	Title		Amount of Number of Shares		Reporte Transac (Instr. 4	tion(s)		
Warrants	\$0.61	05/07/2013			A		1,000,000		05/07/20	013	05/07/2018		ommon Stock	1,000,0	00 \$0	0(1)	I	See Footnote ⁽¹⁾⁽⁴⁾
Warrants	\$0.79	05/07/2013			A		575,758		05/07/20	013	06/01/2014		ommon Stock	575,75	8 \$0	0(1)	I	See Footnote ⁽¹⁾⁽⁴⁾
Warrants	\$0.79	05/07/2013			A		313,341		05/07/20	013	06/01/2014		ommon Stock	313,34	1 \$0	0(3	2)	I	See Footnote ⁽²⁾⁽⁴⁾
Warrants	\$0.79	05/07/2013			A		110,901		05/07/20	013	06/01/2014		ommon Stock	110,90	1 \$0	0(:	3)	I	See Footnote ⁽³⁾⁽⁴⁾
Warrants	\$0.47	05/07/2013			P		2,600,000		05/07/20	013	05/07/2018		ommon Stock	2,600,0	00 \$0	0(4	4)	I	See Footnote ⁽⁴⁾⁽⁵⁾
Warrants	\$0.47	05/07/2013			P		2,400,000		05/07/20	013	05/07/2018		ommon Stock	2,400,0	\$0	0(0	6)	I	See Footnote ⁽⁴⁾⁽⁶⁾
1. Name and Pillar Inv		Reporting Person	on [*]																

Pillar Invest (ISOII	
(Last)	(First)	(Middle)	
C/O IDERA PHA	RMACEUTIC <i>A</i>	ALS, INC.	
167 SIDNEY STI	REET		
(Street)			
CAMBRIDGE	MA	02139	
(City)	(State)	(Zip)	

	dress of Reporting Per	
(Last)	(First)	(Middle)
	EST OFFSHORE SA FLOOR, OMAR I	AL, STARKO CTR, DAOUK STREET
(Street) BEIRUT	M8	2020-3313
(City)	(State)	(Zip)
	dress of Reporting Permaceuticals II,	
(Last)	(First)	(Middle)
	EST OFFSHORE SA D FLOOR, OMAR I	AL, STARKO CTR, DAOUK STREET
(Street) BEIRUT	M8	2020-3313
(City)	(State)	(Zip)
1. Name and Add	dress of Reporting Per	son*
(Last)	(First)	(Middle)
	EST OFFSHORE SA DFLOOR, OMAR I	AL, STARKO CTR, DAOUK STREET
(Street)		
BEIRUT	M8	2020-3313
(City)	(State)	(Zip)

Explanation of Responses:

- 1. On May 7, 2013, upon the consummation of a public offering of the Issuer (the "Offering"), Pillar Pharmaceuticals I, L.P. ("Pillar I"), of which Pillar Invest Corporation ("Pillar GP") is the general partner, acquired, directly from the Issuer, warrants to purchase up to 1,575,758 shares of common stock (the "Pillar I Shares") of the Issuer. Pillar GP disclaims Section 16 beneficial ownership of the Pillar I Shares and this report shall not be deemed an admission that Pillar GP is the Section 16 beneficial owner of any such securities, except to the extent of its pecuniary interest therein, if any, by virtue of its ownership interest in Pillar I.
- 2. On May 7, 2013, upon the consummation of the Offering, Pillar Pharmaceuticals II, L.P. ("Pillar II"), of which Pillar GP is the general partner, acquired, directly from the Issuer, warrants to purchase up to 313,341 shares of common stock (the "Pillar II Shares") of the Issuer. Pillar GP disclaims Section 16 beneficial ownership of the Pillar II Shares and this report shall not be deemed an admission that Pillar GP is the Section 16 beneficial owner of any such securities, except to the extent of its pecuniary interest therein, if any, by virtue of its ownership interest in Pillar II.
- 3. On May 7, 2013, upon the consummation of the Offering, Participations Besancon ("Besancon"), a fund advised by Pillar GP, acquired, directly from the Issuer, warrants to purchase up to 110,901 shares of common stock (the "Besancon Warrants"). Pillar GP disclaims Section 16 beneficial ownership of the Besancon Warrants and this report shall not be deemed an admission that Pillar GP is the beneficial owner of any such securities, except to the extent of its pecuniary interest therein, if any, resulting from fees payable to Pillar GP in its capacity as investment advisor to Besancon.
- 4. Youssef El Zein is a director and controlling stockholder of Pillar GP and serves as the representative of a Pillar II, Pillar III, Pillar III and Pillar GP on the Issuer's board of directors. Mr. El Zein disclaims Section 16 beneficial ownership of the Pillar I Shares, Pillar III Shares, Besancon Warrants and Besancon Shares and this report shall not be deemed an admission that he is the beneficial owners of any such securities, except to the extent of his pecuniary interest therein, if any, by virtue of his ownership interest in Pillar GP. As of the date hereof, Mr. El Zein owns directly 586,101 shares of common stock of the Issuer.
- 5. On May 7, 2013, upon the consummation of the Offering, Pillar Pharmaceuticals III, L.P. ("Pillar III"), of which Pillar GP is the general partner, acquired, in the Offering, 2,600,000 shares of common stock and warrants to purchase up to 2,600,000 shares of common stock (the "Pillar III Shares") of the Issuer. Pillar GP disclaims Section 16 beneficial ownership of the Pillar III Shares and this report shall not be deemed an admission that Pillar GP is the Section 16 beneficial owner of any such securities, except to the extent of its pecuniary interest therein, if any, by virtue of its ownership interest in Pillar III. As of the date hereof, Pillar III owns directly 2,600,000 shares of common stock of the Issuer.
- 6. On May 7, 2013, upon the consummation of the Offering, Besancon acquired, in the Offering, 2,400,000 shares of common stock and warrants to purchase up to 2,400,000 shares of common stock (the "Besancon Shares"). Pillar GP also disclaims Section 16 beneficial ownership of the Besancon Shares and this report shall not be deemed an admission that Pillar GP is the beneficial owner of any such securities, except to the extent of its pecuniary interest therein, if any, resulting from fees payable to Pillar GP in its capacity as investment advisor to Besancon. As of the date hereof, Besancon owns directly 2,400,000 shares of common stock of the Issuer.

Pillar Invest Corporation, /s/ Youssef El Zein, Authorized

05/17/2013

Person

<u>/s/ Youssef El Zein</u> <u>05/17/2013</u>

** 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.