FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

OMB Number:	3235-0287						
Estimated average burden							
hours per response:	0.5						

Check this box if Section 16. Form obligations may Instruction 1(b).			ENT OF CHANGES IN BENEFICIAL OWNE Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940	ERSHI	Ρ	OMB Number: Estimated aver hours per resp	age burden	0.5
1. Name and Addres Thiel Carsten (Last) C/O ALEXION 352 KNOTTER	(First) PHARMACEU	(Middle)	2. Issuer Name and Ticker or Trading Symbol <u>ALEXION PHARMACEUTICALS INC</u> [ALXN] 3. Date of Earliest Transaction (Month/Day/Year) 02/27/2015		all applicable Director Officer (giv below)		10% Owne Other (spe below)	er
(Street) CHESHIRE (City)	CT (State)	06410 (Zip)	4. If Amendment, Date of Original Filed (Month/Day/Year)	Line) X	Form filed Form filed Person	t/Group Filing ((by One Report by More than C	ing Person	
		Table I - Non-Der	rivative Securities Acquired, Disposed of, or Benefi	cially C	wned			

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Transaction Code (Instr.		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(1150.4)
Common Stock, par value \$.0001 per share	02/27/2015		A		3,830(1)	A	\$ <mark>0</mark>	29,830	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)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code (8)		Derivative Expiration Date Securities (Month/Day/Year) Acquired (A)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported	Ownership	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		Transaction(s) (Instr. 4)		
Option to Purchase Common Stock	\$180.37	02/27/2015		A		18,300 ⁽²⁾		02/27/2016	02/27/2025	Common Stock, par value \$.0001 per share	18,300	\$0	18,300	D	

Explanation of Responses:

1. Award of Restricted Stock Units under the 2004 Incentive Plan. 25% vests on each anniversary of the grant date.

2. 25% vests on the first anniversary of the grant date and 1/16 every three months thereafter.

Remarks:

/s/ Michael Greco, Attorney-in-03/03/2015 Fact for Carsten Thiel

** Signature of Reporting Person Date

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

 \ast 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.