

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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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 Address of Reporting Person* <u>Hallal David</u> (Last) (First) (Middle) <u>C/O ALEXION PHARMACEUTICALS, INC</u> <u>352 KNOTTER DRIVE</u> (Street) <u>CHESHIRE CT 06410</u> (City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year) <u>02/23/2009</u> | 3. Issuer Name and Ticker or Trading Symbol <u>ALEXION PHARMACEUTICALS INC [ALXN]</u> 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>SVP, Comm Opns, Americas</u> | 5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person |
|--|---|--|---|

Table I - Non-Derivative Securities Beneficially Owned

| 1. Title of Security (Instr. 4) | 2. Amount of Securities Beneficially Owned (Instr. 4) | 3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 4. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|---|--|---|
| <u>Common Stock, par value \$.0001 per share</u> | <u>12,230</u> | <u>D</u> | |

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative Security (Instr. 4) | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Instr. 4) | | 4. Conversion or Exercise Price of Derivative Security | 5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5) | 6. Nature of Indirect Beneficial Ownership (Instr. 5) |
|--|--|-------------------|---|----------------------------|--|--|---|
| | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | |
| <u>Option to Purchase Common Stock</u> | <u>06/19/2007</u> | <u>06/19/2016</u> | <u>Common Stock, par value \$.0001 per share</u> | <u>40,628</u> | <u>16.32</u> | <u>D</u> | |
| <u>Option to Purchase Common Stock</u> | <u>04/15/2007</u> | <u>01/15/2007</u> | <u>Common Stock, par value \$.0001 per share</u> | <u>14,062</u> | <u>20.58</u> | <u>D</u> | |
| <u>Option to Purchase Common Stock</u> | <u>10/11/2007</u> | <u>07/11/2017</u> | <u>Common Stock, par value \$.0001 per share</u> | <u>17,500</u> | <u>23.83</u> | <u>D</u> | |
| <u>Option to Purchase Common Stock</u> | <u>04/09/2008</u> | <u>01/09/2018</u> | <u>Common Stock, par value \$.0001 per share</u> | <u>18,750</u> | <u>35.3</u> | <u>D</u> | |
| <u>Option to Purchase Common Stock</u> | <u>04/26/2009</u> | <u>01/26/2019</u> | <u>Common Stock, par value \$.0001 per share</u> | <u>3,000</u> | <u>35.95</u> | <u>D</u> | |

Explanation of Responses:

/s/ David Hallal03/05/2009

** 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 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.