

| OMB APPROVAL | |
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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

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|--|--|--|---|
| 1. Name and Address of Reporting Person* <u>SARIN ARADHANA</u> (Last) (First) (Middle) C/O ALEXION PHARMACEUTICALS, INC. 121 SEAPORT BOULEVARD (Street) BOSTON MA 02210 (City) (State) (Zip) | 2. Date of Event Requiring Statement (Month/Day/Year) 02/19/2019 | 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>Chief Strategy & Business Off</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) |
|---|---|--|---|
| Common Stock, par value \$.0001 per share | 10,478 ⁽¹⁾ | D | |
| Common Stock, par value \$.0001 per share | 8,731 ⁽²⁾ | D | |
| Common Stock, par value \$.0001 per share | 3,378 ⁽³⁾ | D | |
| Common Stock, par value \$.0001 per share | 209 | D | |

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 | | | | |
| | | | | | | |

Explanation of Responses:

- Award of Restricted Stock Units under the 2017 Incentive Plan. 50% vests on each anniversary of the grant date (November 29, 2017).
- Award of Restricted Stock Units under the 2017 Incentive Plan. 25% of the shares vest on each anniversary of the grant date (November 29, 2017).
- Award of Restricted Stock Units under the 2017 Incentive Plan. 25% of the shares vest on each anniversary of the grant date (February 28, 2018).

Remarks:

/s/ Douglas Barry, Attorney-in-Fact for Aradhana Sarin 02/19/2019

** 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.