

BELL LEONARD  
Form 4  
September 19, 2006

**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 OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
BELL LEONARD

2. Issuer Name and Ticker or Trading Symbol  
ALEXION PHARMACEUTICALS INC [ALXN]

5. Relationship of Reporting Person(s) to Issuer  
  
(Check all applicable)  
 Director  10% Owner  
 Officer (give title below)  Other (specify below)  
Chief Executive Officer

(Last) (First) (Middle)  
  
C/O ALEXION  
PHARMACEUTICALS INC, 352  
KNOTTER DRIVE  
  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
09/15/2006

CHESHIRE, CT 06410  
  
(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
|                                 |                                      |  | Code                           | V   | Amount or (D) Price   |  |  |
| Common Stock, par value \$.0001 | 09/15/2006                           |  | M                              |   | 30,000 A \$ 10.38   | 351,599  | D  |
| Common Stock, par value \$.0001 | 09/15/2006                           |  | S                              |   | 5,700 D \$ 33.48  | 345,899  | D  |
| Common Stock, par               | 09/15/2006                           |  | S                              |   | 5,000 D \$ 33.32  | 340,899  | D  |

value  
\$.0001

Common  
Stock, par  
value 09/15/2006 S 4,000 D \$ 34.6 336,899 D  
\$.0001

Common  
Stock, par  
value 09/15/2006 S 4,000 D \$ 34.61 332,899 D  
\$.0001

Common  
Stock, par  
value 09/15/2006 S 2,500 D \$ 33.5 330,399 D  
\$.0001

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

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(9-02)

**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. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | Amount or Number of Shares |  |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|----------------------------|--|
|  |  |                                      |  | Code                           | V (A) (D)   | Date Exercisable   | Expiration Date   | Title                      |  |
| Option to Purchase Common Stock, par value \$.0001 | \$ 10.38   | 09/15/2006                           |  | M                              | 30,000  | 04/01/2001 04/01/2007                                    | Common Stock, par value \$.0001                               | 30,000                     |  |

## Reporting Owners

| Reporting Owner Name / Address | Relationships |           |                         |       |
|--------------------------------|---------------|-----------|-------------------------|-------|
|                                | Director      | 10% Owner | Officer                 | Other |
|                                | X             |           | Chief Executive Officer |       |

BELL LEONARD  
C/O ALEXION PHARMACEUTICALS INC  
352 KNOTTER DRIVE  
CHESHIRE, CT 06410

## Signatures

/s/ Dr. Leonard  
Bell

09/19/2006

\*\*Signature of  
Reporting Person

Date

## Explanation of Responses:

\* 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.

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