

ALEXION PHARMACEUTICALS INC  
Form SC 13G/A  
February 14, 2001

1

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

SCHEDULE 13G/A

UNDER THE SECURITIES EXCHANGE ACT OF 1934

(AMENDMENT NO. 1)\*

ALEXION PHARMACEUTICALS, INC.

-----  
(Name of Issuer)

COMMON STOCK, PAR VALUE \$.0001 PER SHARE

-----  
(Title of Class of Securities)

015351109

-----  
(CUSIP Number)

-----  
(Date of Event Which Requires Filing This Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

Page 1 of 6 pages

2

CUSIP No. 015351109  
-----

1. Names of Reporting Persons.

Edgar Filing: ALEXION PHARMACEUTICALS INC - Form SC 13G/A

I.R.S. Identification Nos. of above persons (entities only).

BB BIOTECH AG

-----  
2. Check the Appropriate Box if a Member of a Group (See Instructions)

(a)  [X]

(b)  []

-----  
3. SEC Use Only

-----  
4. Citizenship or Place of Organization

SWITZERLAND

-----  
Number of  
Shares Beneficially  
Owned by Each  
Reporting  
Person With:

5. Sole Voting Power  
-0-

-----  
6. Shared Voting Power  
874,113

-----  
7. Sole Dispositive Power  
-0-

-----  
8. Shared Dispositive Power  
874,113

-----  
9. Aggregate Amount Beneficially Owned by Each Reporting Person

874,113

10. Check if the Aggregate Amount in Row (11) Excludes Certain shares

11. Percent of Class Represented by amount in Row (11)  
4.9%

-----  
12. Type of Reporting Person (See Instructions) HC, CO

3

CUSIP No. 015351109

1. Names of Reporting Persons.

I.R.S. Identification Nos. of above persons (entities only).

BIOTECH TARGET S.A.

2. Check the Appropriate Box if a Member of a Group

(a)  [X]

(b)  []

3. SEC Use Only

4. Citizenship or Place of Organization

PANAMA

Number of  
Shares Beneficially  
Owned by Each  
Reporting  
Person With:

5. Sole Voting Power  
-0-

6. Shared Voting Power  
874,113

7. Sole Dispositive Power  
-0-

8. Shared Dispositive Power  
874,113

9. Aggregate Amount Beneficially Owned by Each Reporting Person

874,113

Edgar Filing: ALEXION PHARMACEUTICALS INC - Form SC 13G/A

10. Check if the Aggregate Amount in Row (11) Excludes Certain shares
11. Percent of Class Represented by amount in Row (11)
- 4.9%

- 
12. Type of Reporting Person
- CO
- 

Page 3 of 6 pages

4

CUSIP No. 015351109

---

ITEM 2.

- (a) Name of Person Filing  
BB Biotech AG ("BB Biotech")  
Biotech Target S.A. ("Biotech Target")
- (b) Address of Principal Business Office or, if none, Residence
- |                   |                    |
|-------------------|--------------------|
| BB Biotech        | Biotech Target     |
| Vordergasse 3     | Swiss Bank Tower   |
| 8200 Schaffhausen | Panama 1           |
| CH/Switzerland    | Republic of Panama |
- (c) Citizenship
- See Item No. 4 of cover pages.
- (d) Title of Class of Securities  
Common Stock, Par Value \$.0001 Per Share
- (e) CUSIP Number  
015351109

ITEM 4. OWNERSHIP

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned:  
874,113
- (b) Percent of class:  
4.9%
- (c) Number of shares as to which the person has:
- (i) Sole power to vote or to direct the vote  
-0-
- (ii) Shared power to vote or to direct the vote  
874,113
- (iii) Sole power to dispose or to direct the disposition of

Edgar Filing: ALEXION PHARMACEUTICALS INC - Form SC 13G/A

-0-

(iv) Shared power to dispose or to direct the disposition of  
874,113

ITEM 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: [ X ]

ITEM 7. IDENTIFICATION AND CLASSIFICATION OF THE SUBSIDIARY WHICH ACQUIRED THE SECURITY BEING REPORTED ON BY THE PARENT HOLDING COMPANY

This statement is filed jointly by BB Biotech and Biotech Target. Biotech Target is a wholly-owned subsidiary of BB Biotech.

Page 4 of 6 pages

5

CUSIP No. 015351109  
-----

SIGNATURES

After reasonable inquiry and the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

BB BIOTECH AG

Date: February 14, 2001

By: /s/ Dubravka Racjnak  
-----

Name: Dubravka Racjnak  
-----

Title: Signatory Authority  
-----

Date: February 14, 2001

By: /s/ Anders Hove  
-----

Name: Anders Hove  
-----

Title: Signatory Authority  
-----

Edgar Filing: ALEXION PHARMACEUTICALS INC - Form SC 13G/A

BIOTECH TARGET S.A.

Date: February 14, 2001

By: /s/ Dubravka Racjnak  
-----

Name: Dubravka Racjnak  
-----

Title: Signatory Authority  
-----

Date: February 14, 2001

By: /s/ Anders Hove  
-----

Name: Anders Hove  
-----

Title: Signatory Authority  
-----

Page 5 of 6 pages

6

CUSIP No. 015351109  
-----

EXHIBIT INDEX  
-----

Exhibit 1: Agreement by and between BB Biotech and Biotech Target with respect to the filing of this disclosure statement.\*

-----  
\* Previously filed.

Page 6 of 6 pages