

ALEXION PHARMACEUTICALS INC  
Form 8-K  
May 07, 2012

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

FORM 8-K  
CURRENT REPORT  
PURSUANT TO SECTION 13 OR 15(D) OF THE  
THE SECURITIES EXCHANGE ACT OF 1934  
Date of report (Date of earliest event reported): May 7, 2012  
ALEXION PHARMACEUTICALS, INC.

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(Exact name of registrant as specified in its charter)

Delaware 000-27756 13-3648318

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(State or other jurisdiction of (Commission (I.R.S. Employer  
of incorporation or organization) File Number) Identification No.)

352 Knotter Drive, Cheshire, Connecticut 06410

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(Address of Principal Executive Offices) (Zip Code)

Registrant's telephone number, including area code: (203) 272-2596

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

- ..  Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - ..  Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - ..  Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - ..  Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 8.01 Other Events.

On May 7, 2012 at the annual meeting of the Association for Research in Vision and Ophthalmology in Fort Lauderdale, Florida, researchers presented six-month results of an investigator initiated exploratory study using systemic complement inhibition for the potential treatment of non-exudative age related macular degeneration, or dry AMD. The lead investigator concluded that the drug, eculizumab, was safe in the patients studied. The lead investigator also concluded that systemic inhibition of complement did not significantly improve the prospectively identified primary endpoints of the study, measurements of dry AMD.

Alexion Pharmaceuticals, Inc. is a biopharmaceutical company focused on serving patients with severe and ultra-rare disorders through the innovation, development and commercialization of life-transforming therapeutic products. Alexion is developing five drug candidates in eight lead development programs, each of which would address a severe or life-threatening, ultra-rare disorder: Soliris for STEC-HUS, acute humoral kidney transplant rejection, neuromyelitis optica, and myasthenia gravis; asfotase alfa for hypophosphatasia; cPMP replacement therapy for molybdenum cofactor deficiency; ALXN 1102, a unique inhibitor of the alternative complement pathway; and ALXN1007, a novel anti-inflammatory antibody.

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Signature

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

ALEXION PHARMACEUTICALS, INC.

Date: May 7, 2012

By: /s/ Michael V. Greco  
Name: Michael V. Greco  
Title: Associate General Counsel and  
Corporate Secretary