

Protalix BioTherapeutics, Inc.  
Form 8-K  
February 18, 2011

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**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549**

**FORM 8-K**

**CURRENT REPORT  
Pursuant to Section 13 or 15(d) of  
the Securities Exchange Act of 1934  
Date of Report (Date of Earliest Event Reported): February 18, 2011**

**Protalix BioTherapeutics, Inc.  
(Exact name of registrant as specified in its charter)**

**Florida  
(State or other jurisdiction  
of incorporation)**

**001-33357  
(Commission File Number)**

**65-0643773  
(IRS Employer  
Identification No.)**

**2 Snunit Street  
Science Park, POB 455  
Carmiel, Israel  
(Address of principal executive offices)**

**20100  
(Zip Code)**

**Registrant's telephone number, including area code +972-4-988-9488  
(Former name or former address, if changed since last report.)**

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 7.01. Regulation FD Disclosure**

On February 18, 2011, Protalix BioTherapeutics, Inc. (the Company) issued a press release announcing that new clinical data from the Company's switchover trial of taliglucerase alfa in Gaucher disease patients, the Company's lead product candidate, and preclinical data on oral enzyme glucocerebrosidase (oral GCD) will be presented at the 7th Annual Meeting of the Lysosomal Disease Network: WORLD Symposium 2011 in Las Vegas, Nevada. The presentations are also scheduled to take place on February 18, 2011. A copy of the press release is attached hereto as Exhibit 99.1.

The information contained in Item 7.01 of this report and in Exhibit 99.1 shall not be deemed filed for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the Exchange Act), or incorporated by reference in any filing under the Securities Act of 1933, as amended, or the Exchange Act, except as shall be expressly set forth by specific reference in such a filing.

**Item 9.01. Financial Statements and Exhibits**

**(d) Exhibits**

99.1 Press release dated February 18, 2011

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**SIGNATURES**

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.

**PROTALIX BIOTHERAPEUTICS, INC.**

Date: February 18, 2011

By: /s/ David Aviezer

Name: David Aviezer, Ph.D.

Title: President and Chief Executive  
Officer