

Protalix BioTherapeutics, Inc.
Form 8-K
August 13, 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 Securities Exchange Act of 1934**

Date of Report (Date of Earliest Event Reported): August 13, 2012

Protalix BioTherapeutics, Inc.

(Exact name of registrant as specified in its charter)

Item 8.01. Other Events

On August 13, 2012, Protalix BioTherapeutics, Inc. (the “Company”) issued a press release announcing that it has received clearance of its Investigational New Drug (IND) application from the U.S. Food and Drug Administration to initiate clinical trials of PRX-102. The Company plans to commence enrollment of Fabry disease patients for a phase I/II trial in the fourth quarter of 2012.

A copy of the press release is filed as Exhibit 99.1.

Item 9.01. Financial Statements and Exhibits

(d) Exhibits

99.1 Press release dated August 13, 2012

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: August 13, 2012 By: /s/ David Aviezer, Ph.D.

Name: David Aviezer, Ph.D.

Title: President and Chief Executive Officer