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): June 13, 2014

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))

Dere-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On June 13, 2014, Protalix BioTherapeutics, Inc. (the "Company") issued a press release announcing that David Aviezer, Ph.D., has decided to retire after almost 12 years from his role as the Company's President and Chief Executive Officer. He will retire this year upon the completion of a process to nominate his successor. In the meantime, Dr. Aviezer will continue serving as President and Chief Executive Officer and remains a member of the Board of Directors. 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 June 13, 2014

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: June 13, 2014

By:/s/ David Aviezer, Ph.D.Name:David Aviezer, Ph.D.Title:President and Chief Executive Officer

Protalix BioTherapeutics' President and Chief Executive Officer, David Aviezer, Ph.D., will Retire this Year

Board of Directors initiates succession process; Dr. Aviezer remains President and Chief Executive Officer until his successor is named

Carmiel, Israel, **June 13**, **2014** /GlobeNewswire / Protalix BioTherapeutics, Inc. (NYSE MKT: PLX, TASE: PLX), announced today, that David Aviezer, Ph.D., has decided to retire after almost 12 years from his role as the Company's President and Chief Executive Officer. He will retire this year upon the completion of a process to nominate his successor. In the meantime, Dr. Aviezer will continue serving as President and Chief Executive Officer and remains a member of the Board of Directors.

"There is never a perfect time for this type of transition, but now is the right time" Dr. Aviezer said. "I have decided that after almost twelve years, it is time to make more time for myself and to move on to another phase in my career. I thank Protalix's Board of Directors, management and employees for their support over the years. Protalix has a strong organization and an amazing senior leadership team. It is always hard to part from something that is very important to you, but I'm excited about the future of Protalix *which* is well-positioned for continued innovation, progress and growth."

The Company's Board of Directors will appoint a committee to select a new Chief Executive Officer.

Mr. Zeev Bronfeld, Chairman of the Company's Board of Directors said: "The Board and I are grateful to David for his leadership, integrity and professionalism in building Protalix from a very early stage start-up company, and leading us through the drug development process to regulatory and commercial approval. We wish him all the best with the next stage in his career. We are committed to ensuring the continued high quality of leadership for Protalix."

About Protalix

Protalix is a biopharmaceutical company focused on the development and commercialization of recombinant therapeutic proteins expressed through its proprietary plant cell-based expression system, ProCellEx®. Protalix's unique expression system presents a proprietary method for developing recombinant proteins in a cost-effective, industrial-scale manner. Protalix's first product manufactured by ProCellEx, taliglucerase alfa, was approved for marketing by the U.S. Food and Drug Administration (FDA) in May 2012, by Israel's Ministry of Health in September 2012, by the Brazilian National Health Surveillance Agency (ANVISA) in March 2013, by the Mexican Federal Commission for the Protection against Sanitary Risk (COFEPRIS) in April 2013, by the Australian Therapeutic Goods Administration (TGA) in May 2014 and by the regulatory authorities of other countries. Marketing applications for taliglucerase alfa have been filed in additional territories as well. Protalix has partnered with Pfizer Inc. for the worldwide development and commercialization of taliglucerase alfa, excluding Israel and Brazil, where Protalix retains full rights. Protalix's development pipeline includes the following product candidates: PRX-102, a modified version of the recombinant human alpha-GAL-A protein for the treatment of Fabry disease; pr-antiTNF, a similar plant cell version of etanercept (Enbrel®) for the treatment of certain immune and inflammatory diseases, such as rheumatoid arthritis, Crohn's disease, colitis, psoriasis and other autoimmune and inflammatory disorders; PRX-110 for the treatment of Cystic Fibrosis; and others.

Forward Looking Statements

To the extent that statements in this press release are not strictly historical, all such statements are forward-looking, and are made pursuant to the safe-harbor provisions of the Private Securities Litigation Reform Act of 1995. The terms "anticipate," "believe," "estimate," "expect," "plan" and "intend" and other words or phrases of similar import are intended to identify forward-looking statements. These forward-looking statements are subject to known and unknown risks and uncertainties that may cause actual future experience and results to differ materially from the statements made. These statements are based on our current beliefs and expectations as to such future outcomes. Drug discovery and development involve a high degree of risk. Factors that might cause material differences include, among others: risks related to management transitions; risks related to the commercialization of our drug product; failure or delay in the commencement or completion of our clinical trials which may be caused by several factors, including: unforeseen safety issues; determination of dosing issues; lack of effectiveness during clinical trials; slower than expected rates of patient recruitment; inability to monitor patients adequately during or after treatment; inability or unwillingness of medical investigators and institutional review boards to follow our clinical protocols; and lack of sufficient funding to finance clinical trials; the risk that the results of the clinical trials of our product candidates will not support our claims of safety or efficacy, that our product candidates will not have the desired effects or will be associated with undesirable side effects or other unexpected characteristics; our dependence on performance by third party providers of services and supplies, including without limitation, clinical trial services; delays in our preparation and filing of applications for regulatory approval; delays in the approval or potential rejection of any applications we file with the FDA or other health regulatory authorities, and other risks relating to the review process; the inherent risks and uncertainties in developing drug platforms and products of the type we are developing; the impact of development of competing therapies and/or technologies by other companies and institutions; potential product liability risks, and risks of securing adequate levels of product liability and other necessary insurance coverage; and other factors described in our filings with the U.S. Securities and Exchange Commission. The statements in this release are valid only as of the date hereof and we disclaim any obligation to update this information.

Investor Contact

Tricia Truehart The Trout Group, LLC 646-378-2953 ttruehart@troutgroup.com

Media Contact

Kari Watson MacDougall Biomedical Communications 781-235-3060 kwatson@macbiocom.com

Source: Protalix BioTherapeutics, Inc.