

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

FORM 6-K

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES
EXCHANGE ACT OF 1934

For the month of August 2013.

Commission File Number: 001-34949

Tekmira Pharmaceuticals

(Translation of registrant's name into English)

**100-8900 Glenlyon Parkway
Burnaby, British Columbia
Canada, V5J 5J8**

(Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F [x] Form 40-F []

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): ____

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): ____

DOCUMENTS FILED AS PART OF THIS FORM 6-K

See the Exhibit Index hereto.

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, thereunto duly authorized.

Tekmira Pharmaceuticals

Date: August 12, 2013

By: /s/ IAN C. MORTIMER

Name: Ian C. Mortimer

Title: *Executive Vice President, Finance and Chief Financial Officer*

EXHIBIT INDEX

Exhibit

Description

99.1

Press release dated August 12, 2013

Tekmira Strengthens Development Team With Appointment of Dr. Mark Kowalski as Chief Medical Officer

VANCOUVER, British Columbia, Aug. 12, 2013 (GLOBE NEWSWIRE) -- Tekmira Pharmaceuticals Corporation (Nasdaq:TKMR) (TSX:TKM), a leading developer of RNA interference (RNAi) therapeutics, announced today that Dr. Mark Kowalski, M.D., Ph.D. has joined its team as Chief Medical Officer and Senior Vice President.

"Mark brings to Tekmira over 25 years of experience in academic and clinical research, as well as clinical drug development through his work at major pharmaceutical and biotechnology companies, where he has led product development, clinical development, and regulatory affairs. In particular, Mark's depth of experience in oncology will support our ongoing plans to advance TKM-PLK1, our lead oncology product, which is proceeding into a number of clinical trials evaluating efficacy in specific cancer indications," said Dr. Mark J. Murray, Tekmira's President and CEO.

"Over the last decade, Tekmira has been at the forefront of key innovations enabling RNAi therapeutics, and Tekmira's LNP technology has produced multiple promising sets of human clinical data. Today, our focus is on expanding and advancing Tekmira's pipeline of proprietary products – including TKM-PLK1, TKM-Ebola and promising preclinical candidates – in order to bring new treatments to patients and maximize value for our shareholders. The newly created CMO position further defines our focus on therapeutic products, and we believe Mark will contribute significantly to our goals moving forward," added Dr. Murray.

Dr. Kowalski has extensive experience in Phase I through Phase IV drug development and clinical trials in a wide variety of therapeutic areas including oncology, urology, infectious diseases, analgesia, allergy, rheumatology and cardiovascular diseases. Prior to joining Tekmira, Dr. Kowalski joined the Oncology and Inflammation therapeutic area at Gilead Sciences, Inc. following Gilead's \$510 million acquisition of YM BioSciences Inc. Previously, Dr. Kowalski had been Chief Medical Officer and Vice President of Regulatory Affairs at YM BioSciences Inc. Earlier, Dr. Kowalski was the Chief Medical Officer and Vice President of Medical/Regulatory Affairs at Viventia Biotechnologies Inc. Prior to Viventia, he was the Senior Director of Medical Affairs at AAIPharma Inc. Dr. Kowalski holds a B.A. from Rutgers University and an M.D. and Ph.D. from the University of Kansas School of Medicine. He completed his postgraduate training in Internal Medicine and Infectious Diseases at Duke University and Harvard Medical School.

About RNAi and Tekmira's LNP

RNAi therapeutics have the potential to treat a broad number of human diseases by "silencing" disease causing genes. The discoverers of RNAi, a gene silencing mechanism used by all cells, were awarded the 2006 Nobel Prize for Physiology or Medicine. RNAi therapeutics, such as "siRNAs," require delivery technology to be effective systemically. Tekmira believes its LNP technology represents the most widely adopted delivery technology for the systemic delivery of RNAi therapeutics. Tekmira's LNP platform is being utilized in multiple clinical trials by both Tekmira and its partners. Tekmira's LNP technology (formerly referred to as stable nucleic acid-lipid particles or SNALP) encapsulates siRNAs with high efficiency in uniform lipid nanoparticles that are effective in delivering RNAi therapeutics to disease sites in numerous preclinical models. Tekmira's LNP formulations are manufactured by a proprietary method which is robust, scalable and highly reproducible, and LNP-based products have been reviewed by multiple FDA divisions for use in clinical trials. LNP formulations comprise several lipid components that can be adjusted to suit the specific application.

About Tekmira

Tekmira Pharmaceuticals Corporation is a biopharmaceutical company focused on advancing novel RNAi therapeutics and providing its leading lipid nanoparticle delivery technology to pharmaceutical partners. Tekmira has been working in the field of nucleic acid delivery for over a decade and has broad intellectual property covering LNPs. Further information about Tekmira can be found at www.tekmirapharm.com. Tekmira is based in Vancouver, B.C.

Forward-Looking Statements and Information

This news release contains "forward-looking statements" or "forward-looking information" within the meaning of applicable securities laws (collectively, "forward-looking statements"). Forward-looking statements in this news release include statements about Tekmira's strategy, future operations, clinical trials, prospects and the plans of management; RNAi (ribonucleic acid interference) product development programs; ongoing plans to advance TKM-PLK1 into a number of clinical trials; and expanding Tekmira's pipeline of proprietary products in order to bring new treatments to patients and maximize value for shareholders.

With respect to the forward-looking statements contained in this news release, Tekmira has made numerous assumptions regarding, among other things: LNP's status as a leading RNAi delivery technology; the effectiveness of Tekmira's products as a treatment for cancer and infectious diseases; Tekmira's research and development capabilities and resources; FDA approval with respect to commencing clinical trials; the timing and obtaining of regulatory approvals for Tekmira's products; the time required to complete research and product development activities; and Tekmira's ability to protect its intellectual property rights and not to infringe on the intellectual property rights of others. While Tekmira considers these assumptions to be reasonable, these assumptions are inherently subject to significant business, economic, competitive, market and social uncertainties and contingencies.

Additionally, there are known and unknown risk factors which could cause Tekmira's actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements contained herein. Known risk factors include, among others: Tekmira's ability to obtain and protect intellectual property rights, and operate without infringing on the intellectual property rights of others; Tekmira's research and development capabilities and resources will not meet current or expected demand; Tekmira's products may not prove to be effective in the treatment of cancer and infectious diseases; the possibility that other organizations have made advancements in RNAi delivery technology that Tekmira is not aware of; the FDA will not approve the commencement of Tekmira's planned clinical trials or approve the use of Tekmira's products and generally, difficulties or delays in the progress, timing and results of clinical trials; the FDA may determine that the design and planned analysis of Tekmira's clinical trials do not adequately address the trial objectives in support of Tekmira's regulatory submissions; pre-clinical and clinical trials may be more costly or take longer to complete than anticipated; pre-clinical or clinical trials may not generate results that warrant future development of the tested drug candidate; and the possibility that Tekmira has not sufficiently budgeted for expenditures necessary to carry out planned activities.

A more complete discussion of the risks and uncertainties facing Tekmira appears in Tekmira's annual report on Form 20-F for the year ended December 31, 2012 (Annual Report), which is available at www.sedar.com or at www.sec.gov/edgar.shtml. All forward-looking statements herein are qualified in their entirety by this cautionary statement, and Tekmira disclaims any obligation to revise or update any such forward-looking statements or to publicly announce the result of any revisions to any of the forward-looking statements contained herein to reflect future results, events or developments, except as required by law.

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