

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 March 2012.

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 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): ___

Note: Regulation S-T Rule 101(b)(1) only permits the submission in paper of a Form 6-K if submitted solely to provide an attached annual report to security holders.

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): ___

Note: Regulation S-T Rule 101(b)(7) only permits the submission in paper of a Form 6-K if submitted to furnish a report or other document that the registrant foreign private issuer must furnish and make public under the laws of the jurisdiction in which the registrant is incorporated, domiciled or legally organized (the registrant's "home country"), or under the rules of the home country exchange on which the registrant's securities are traded, as long as the report or other document is not a press release, is not required to be and has not been distributed to the registrant's security holders, and, if discussing a material event, has already been the subject of a Form 6-K submission or other Commission filing on EDGAR.

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934. Yes No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): 82- ___.

On March 26, 2012 the Registrant issued a press release, a copy of which is attached hereto as Exhibit 99.1 and is incorporated herein by reference.

(c) Exhibit 99.1. Press release dated March 26, 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, thereunto duly authorized.

Tekmira Pharmaceuticals

(Registrant)

Date: March 26, 2012

/s/ IAN C. MORTIMER

Ian C. Mortimer

Executive Vice President, Finance and Chief Financial Officer

Tekmira Provides Periodic Update to Shareholders Regarding Litigation

VANCOUVER, British Columbia, March 26, 2012 (GLOBE NEWSWIRE) -- Tekmira Pharmaceuticals Corporation (Nasdaq:TKMR) (TSX:TKM), a leading developer of RNA interference (RNAi) therapeutics, today provided a periodic update to its shareholders on the ongoing litigation with Alnylam Pharmaceuticals, Inc. and AlCana Technologies, Inc.

"Our goal with this litigation is to regain control of our LNP technology and preserve its full value for Tekmira shareholders. We have made progress toward this goal in Massachusetts Superior Court and the related action filed in the British Columbia Supreme Court," said Dr. Mark J. Murray, Tekmira's President and CEO.

Recent developments include:

- On January 6, 2012, the British Columbia Supreme Court granted an injunction against certain individuals from AlCana, ordering them to cease using Tekmira's confidential information and return all of the documents taken from Tekmira.
- On March 1, 2012, Tekmira filed a second Notice of Application in the British Columbia Supreme Court seeking to expand the injunction against these individuals to prohibit the use of any derivative or end products derived from Tekmira's confidential information.
- On February 15, 2012, primary document production was completed in the Massachusetts litigation against Alnylam and AlCana. The next phase of this case, depositions of fact witnesses, is to be completed by May 31, 2012.
- A trial date of October 30, 2012 has been set in Massachusetts Superior Court for the litigation against Alnylam and AlCana.

"In sworn affidavits, the defendants in British Columbia admitted to taking confidential documents from Tekmira. After reviewing the stolen documents returned to us, we have confirmed that they contain Tekmira's MC trade secrets, supporting our allegation that Tekmira's confidential information was used to make MC3 from the Tekmira lipid MC2," added Dr. Murray.

A copy of documents related to the litigation – including illustrations of relevant lipid structures – can be found on the company's website at www.tekmirapharm.com.

Background to Ongoing Litigation

In March 2011, Tekmira filed a complaint in Massachusetts Superior Court against Alnylam alleging misappropriation and misuse of trade secrets, know-how and other confidential information, unfair and deceptive trade practices, unjust enrichment, unfair competition and false advertising. In April 2011, Alnylam filed an answer and counter-claim to our complaint. In June 2011, Tekmira amended its complaint to add AlCana as a defendant and add new claims alleging breach of contract, breach of the implied covenant of good faith and fair dealing, tortious interference with contractual relationships, and civil conspiracy. As described in the amended complaint, Tekmira is seeking relief in the form of damages — including the royalties and profits Alnylam and AlCana would receive from the alleged improper use of Tekmira's technology and the termination of Alnylam's license to Tekmira's technology. In June 2011, Alnylam filed an amended answer and counter-claim, and, in July 2011, AlCana filed its answer and counter-claim to Tekmira's amended complaint.

In a related matter, Tekmira filed a Notice of Civil Claim in the Supreme Court of British Columbia against certain individuals from AlCana alleging that thousands of confidential documents containing Tekmira's confidential information and trade secrets were downloaded and taken from Tekmira. The alleged document downloading was discovered in the course of producing documents in Tekmira's litigation against Alnylam and AlCana in the Massachusetts Superior Court. Tekmira sought and received an injunction ordering the defendants to surrender all confidential information belonging to Tekmira and prohibiting the defendants from using or disclosing Tekmira's confidential information to any person or corporation. Tekmira is also seeking general and punitive damages.

About RNAi and Tekmira's LNP Technology

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.

The Tekmira Pharmaceuticals logo is available at <http://www.globenewswire.com/newsroom/prs/?pkgid=8319>

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 are generally identifiable by use of the words "believes," "may," "plans," "will," "anticipates," "intends," "budgets," "could," "estimates," "expects," "forecasts," "projects," and similar expressions, and the negative of such expressions. Forward-looking statements in this news release include statements about the nature and prospects of the complaint filed by Tekmira against Alnylam and AICana in the Massachusetts Superior Court; the trial date and completion of the deposition phase in Tekmira's litigation with Alnylam and AICana in the Massachusetts Superior Court; the nature and prospects of the civil complaint filed against certain individuals from AICana in the Supreme Court of British Columbia; and Tekmira's strategy, future operations, clinical trials, prospects and the plans of management; RNAi (ribonucleic acid interference) product development programs.

With respect to the forward-looking statements contained in this news release, Tekmira has made numerous assumptions regarding, among other things: the nature and prospects of the litigation with Alnylam and AICana filed in the Massachusetts Superior Court; the nature and scope of the civil complaint filed in the Supreme Court of British Columbia against certain individuals from AICana; the conclusion that Tekmira's confidential information and MC trade secrets were included in the returned documents as a result of the granted injunction in litigation filed with the Supreme Court of British Columbia ; costs and timing – including the trial date of October 30, 2012 – of the litigation with Alnylam and AICana, and the effects of such on Tekmira's financial position and execution of Tekmira's business strategy; LNP's status as a leading RNAi delivery technology; 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: the final outcome of the litigation with certain individuals from AICana and the litigation with Alnylam and AICana is not presently determinable or estimable and may result in an outcome that is unfavorable to Tekmira; there may be no basis for which Tekmira has any rights or entitlement to damages from AICana in the civil complaint or Alnylam and AICana in the separate action before the Business Litigation Session of the Massachusetts Superior Court in the quantum anticipated by Tekmira, or at all; legal expenses associated with litigation are uncertain and may exceed current estimates, which may have a material adverse effect on Tekmira's financial position and ongoing business strategy; the uncertainty of litigation, including the time and expenses associated therewith; risks and uncertainties involved in the litigation process, such as discovery of new evidence or acceptance of unanticipated or novel legal theories, changes in interpretation of the law due to decisions in other cases, the inherent difficulty in predicting the decisions of judges and juries and the possibility of appeals; the possibility that other organizations have made advancements in RNAi delivery technology that Tekmira is not aware of; future operating results are uncertain and likely to fluctuate; Tekmira's ability to obtain and protect intellectual property rights, and operate without infringing on the intellectual property rights of others; and Tekmira may become subject to product liability or other legal claims for which the Company has made no accrual in its financial statements.

A more complete discussion of the risks and uncertainties facing Tekmira appears in Tekmira's Annual Information Form dated March 30, 2011 and available at www.sedar.com. 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.

CONTACT: Investors
Jodi Regts
Director, Investor Relations
Phone: 604-419-3234
Email: jregts@tekmirapharm.com

Media
David Ryan
Longview Communications Inc.
Phone: 416-649-8007
Email: dryan@longviewcomms.ca