

FORM 6-K
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Report of Foreign Issuer

**Pursuant to Rule 13a-16 or 15d-16 of
the Securities Exchange Act of 1934**

For the Month of February, 2008

Commission File Number 1-32001

Lorus Therapeutics Inc.

(Translation of registrant's name into English)

2 Meridian Road, Toronto, Ontario M9W 4Z7

(Address of principal executive offices)

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-_____.

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.

Lorus Therapeutics Inc.

Date: February 19, 2008

By: /s/ "Elizabeth Williams"

Elizabeth Williams
Director of Finance

EXHIBIT INDEX

- 99.1 Lorus Therapeutics Inc. - News Release Dated February 19, 2008 - Lorus receives notification from AMEX of non-compliance with certain listing standards

News release via Canada NewsWire, Toronto 416-863-9350

Attention Business Editors:
Lorus receives notification from AMEX of non-compliance with certain listing standards

TORONTO, Feb. 19 /CNW/ - Lorus Therapeutics Inc. ("Lorus" or the "Company"), received notice from the American Stock Exchange ("AMEX or "Exchange") dated February 13, 2008 indicating that the Company need to comply with the \$6 million stockholder's equity threshold required for continued listing under AMEX Company Guide Sec. 1003(a)(iii).

This notification was triggered by the decline of Lorus' market capitalization to less than \$50 million, which previously exempted Lorus from meeting the minimum stockholder's equity requirement. Pursuant to the letter, Lorus will be required to submit to AMEX by March 13, 2008 for its review and acceptance, a plan to bring the Company into compliance with the aforesaid stockholder's equity requirements within an eighteen-month period. Lorus expects to submit a plan in which it will advise AMEX of action it has taken, or will take, that would bring it into compliance with continued listing standards.

The Company anticipates that execution of its current business plan would improve the stock price and raise Lorus' average market capitalization above \$50 million for a sustained period of time, thus bringing the Company into compliance.

About Lorus

Lorus is a biopharmaceutical company focused on the research and development of novel therapeutics in cancer. Lorus' goal is to capitalize on its research, preclinical, clinical and regulatory expertise by developing new drug candidates that can be used, either alone, or in combination with other drugs, to successfully manage cancer. Through its own discovery efforts and an acquisition and in-licensing program, Lorus is building a portfolio of promising anticancer drugs. Lorus has completed one Phase II and one Phase III clinical trial. Lorus Therapeutics Inc. is listed on the Toronto Stock Exchange under the symbol LOR, and on the American Stock Exchange under the symbol LRP.

Forward looking statements

This press release contains forward-looking statements within the meaning of Canadian and U.S. securities laws. Such statements include, but are not limited to, statements relating to: financings and corporate reorganizations, the establishment of corporate alliances, the Company's plans, objectives, expectations and intentions and other statements including words such as "continue", "expect", "intend", "will", "should", "would", "may", and other similar expressions. Such statements reflect our current views with respect to future events and are subject to risks and uncertainties and are necessarily based upon a number of estimates and assumptions that, while considered reasonable by us are inherently subject to significant business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause our actual results, performance, achievements or the transactions described in this press release to be materially different from any future results, performance, achievements or transactions described in this press release, if at all, that may be expressed or implied by such forward-looking statements, including, among others: the progress of negotiations; our ability to obtain regulatory, security holder and other approvals; our ability to obtain the capital required for research and operations; the inherent risks in early stage drug development including demonstrating efficacy; development time/cost and the regulatory approval process; the progress of our clinical trials; our ability to find and enter into agreements with potential partners; our ability to attract and retain key personnel; changing market conditions; and other risks detailed from time-to-time in our ongoing quarterly filings, annual information forms, annual reports and annual filings with Canadian securities regulators and the United States Securities and Exchange Commission.

Should one or more of these risks or uncertainties materialize, or should the assumptions set out in the section entitled "Risk Factors" in our filings with Canadian securities regulators and the United States Securities and Exchange Commission underlying those forward-looking statements prove incorrect, actual results may vary materially from those described herein. These forward-looking statements are made as of the date of this press release and we do not intend, and do not assume any obligation, to update these forward-looking statements, except as required by law. We cannot assure you that such statements will prove to be accurate as actual results and future events could differ materially from those anticipated in such statements. Investors are cautioned that forward-looking statements are not guarantees of future performance and accordingly investors are cautioned not to put undue reliance on forward-looking statements due to the inherent uncertainty therein.

Lorus Therapeutics' recent press releases are available through the Company's website at www.lorusthera.com. For Lorus' regulatory filings on

SEDAR, please go to Sedar.com. For SEDAR filings prior to July 10, 2007 you will find these under the company profile for 4325231 Canada Inc.

%SEDAR: 00025614EF

%CIK: 0000882361

/For further information: Lorus Therapeutics Inc., Peter Korth, (416)
798-1200 ext. 325, ir(at)lorusthera.com/
(LOR. LRP)

CO: Lorus Therapeutics Inc.

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