

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 January, 2009

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: January 14, 2009

By: /s/ "Elizabeth Williams"

Elizabeth Williams

Director of Finance and Controller

EXHIBIT INDEX

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99.3	Q2 CEO and CFO Certifications

Lorus Therapeutics Inc.
Interim Consolidated Balance Sheets

	As at November 30, 2008 (Unaudited)	As at May 31, 2008
<i>(amounts in 000's)</i>		
<i>(Canadian dollars)</i>		
ASSETS		
Current		
Cash and cash equivalents	\$ 6,030	\$ 2,652
Short term investments (note 7)	3,185	6,784
Prepaid expenses and other assets	805	721
Amount held in escrow (note 1 (b))	-	600
	10,020	10,757
Long-term		
Fixed assets	163	244
Goodwill	606	606
	769	850
	\$ 10,789	\$ 11,607
LIABILITIES		
Current		
Accounts payable	\$ 402	\$ 923
Accrued liabilities (note 10)	1,364	1,194
Deferred gain on sale of shares (note 1 (b))	-	600
Secured convertible debentures (note 8)	13,510	-
	15,276	2,717
Long-term		
Secured convertible debentures (note 8)	-	12,742
SHAREHOLDERS' DEFICIENCY		
Share Capital (note 5)		
Common shares	161,951	158,743
Equity portion of secured convertible debentures	3,814	3,814
Stock options (note 6(c))	4,111	4,961
Contributed surplus	10,267	9,181
Warrants	417	-
Deficit accumulated during development stage	(185,047)	(180,551)
	(4,487)	(3,852)
	\$ 10,789	\$ 11,607

See accompanying notes to the unaudited consolidated interim financial statements
Basis of Presentation Note 1

Lorus Therapeutics Inc.
Interim Consolidated Statements of Loss and Deficit
(unaudited)

					Period from
	Three months ended	Three months ended	Six months ended	Six months ended	inception
	Nov. 30, 2008	Nov. 30, 2007	Nov. 30, 2008	Nov. 30, 2007	Sept. 5, 1986 to Nov. 30, 2008
(amounts in 000's except for per common share data)					
(Canadian dollars)					
REVENUE (note 11)	\$ 39	\$ 1	\$ 42	\$ 27	\$ 898
EXPENSES					
Cost of sales	-	-	-	1	105
Research and development	694	1,247	1,872	2,029	121,818
General and administrative	920	1,103	1,761	1,839	56,972
Stock-based compensation (note 6)	145	209	236	312	8,208
Depreciation and amortization of fixed assets	43	80	86	159	9,628
Operating expenses	1,802	2,639	3,955	4,340	196,731
Interest expense on convertible debentures	201	271	418	541	3,679
Accretion in carrying value of convertible debentures	391	307	768	605	3,964
Amortization of deferred financing charges	-	-	-	-	412
Interest income	(71)	(175)	(153)	(315)	(12,119)
Loss from operation for the period	2,284	3,041	4,946	5,144	191,769
Gain on sale of shares (note 1 (b))	-	(216)	(450)	(6,310)	(6,749)
Net loss (earnings) and other comprehensive loss (income) for the period	2,284	2,825	4,496	(1,166)	185,020
Deficit, beginning of period as previously reported	182,763	170,226	180,551	174,190	-
Change in accounting policy	-	-	-	27	27
Deficit, beginning of period as revised	182,763	170,226	180,551	174,217	
Deficit, end of period	\$ 185,047	\$ 173,051	\$ 185,047	\$ 173,051	\$ 185,047
Basic and diluted loss (earnings) per common share	\$ 0.01	\$ 0.01	\$ 0.02	\$ (0.01)	
Weighted average number of common shares outstanding used in the calculation of					
Basic loss (earnings) per share	250,173	213,057	239,290	213,057	
Diluted loss (earnings) per share (note 5(d))	250,173	227,266	239,290	227,266	

See accompanying notes to the unaudited consolidated interim financial statements

Lorus Therapeutics Inc.
Interim Consolidated Statements of Cash
Flows (unaudited)

	Three months ended Nov. 30, 2008	Three months ended Nov. 30, 2007	Six months ended Nov. 30, 2008	Six months ended Nov. 30, 2007	Period from inception Sept. 5, 1986 to Nov. 30, 2008
<i>(amounts in 000's)</i>					
<i>(Canadian Dollars)</i>					
Cash flows from operating activities:					
Earnings (loss) for the period	\$ (2,284)	(2,825)	\$ (4,496)	\$ 1,166	\$ (185,020)
Items not involving cash:					
Gain on sale of shares	-	(216)	(450)	(6,310)	(6,749)
Stock-based compensation	145	209	236	312	8,208
Interest on convertible debentures	201	271	418	541	3,679
Accretion in carrying value of convertible debentures	391	307	768	605	3,964
Amortization of deferred financing charges	-	-	-	-	412
Depreciation, amortization and write-down of fixed assets and acquired patents and licenses	43	80	86	159	22,189
Other	-	(39)	-	(19)	455
Change in non-cash operating working capital	(576)	(324)	(435)	(1,339)	53
Cash used in operating activities	(2,080)	(2,537)	(3,873)	(4,885)	(152,809)
Cash flows from financing activities:					
Issuance of debentures, net of issuance costs	-	-	-	-	12,948
Issuance (Repurchase) of warrants	-	-	417	(252)	37,570
Proceeds on sale of shares, net of arrangement costs and guarantee (note 1)	-	216	450	7,572	6,749
Issuance of common shares, net of issuance costs (note 5)	-	-	2,790	-	111,815
Cash provided by financing activities	-	216	3,657	7,320	169,082
Cash flows from investing activities:					
Maturity (purchase) of marketable securities and other investments, net	910	3,877	3,599	1,137	(3,205)
Business acquisition, net of cash received	-	-	-	-	(539)
Acquired patents and licenses	-	-	-	-	(715)
Additions to fixed assets	(2)	-	(5)	(39)	(6,132)
Proceeds on sale of fixed assets	-	-	-	-	348
Cash (used in) provided by investing activities	908	3,877	3,594	1,098	(10,243)
Increase (decrease) in cash and cash equivalents during the period	(1,172)	1,556	3,378	3,533	6,030
Cash and cash equivalents, beginning of period	7,202	3,382	2,652	1,405	-
Cash and cash equivalents, end of period	\$ 6,030	\$ 4,938	\$ 6,030	\$ 4,938	\$ 6,030

See accompanying notes to the unaudited consolidated interim financial statements

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited)

Three and six months ended November 30, 2008 and 2009

1. Basis of presentation

These unaudited interim consolidated financial statements of Lorus Therapeutics Inc., formerly 6650309 Canada Inc. (the "Company" or "Lorus") have been prepared by the Company in accordance with Canadian generally accepted accounting principles for interim financial statements and do not include all the information required for complete financial statements. The unaudited interim financial statements follow the same accounting policies and methods of application as the audited annual financial statements for the year ended May 31, 2008. These statements should be read in conjunction with the audited consolidated financial statements for the year ended May 31, 2008. These financial statements are prepared with the assumption that Lorus will continue in operation for the foreseeable future and will be able to realize its assets and discharge its liabilities in the normal course of business which may not be appropriate given the discussion in section (a) Going concern below.

The information presented as at November 30, 2008 and for the three months and six-months ended November 30, 2008 and November 30, 2007 reflect, in the opinion of management, all adjustments consisting only of normal recurring adjustments, necessary for a fair presentation of the results of the interim periods presented. Interim results are not necessarily indicative of results for a full year.

a) Going concern

The Company has not earned substantial revenue from its drug candidates and is therefore considered to be in the development stage. The continuation of the Company's research and development activities is dependent upon the Company's ability to successfully fund its cash requirements through a combination of equity financing and payments from strategic partners. Except as described in note 14 of the annual audited financial statements, the Company has no current sources of significant payments from strategic partners. In addition, the Company will need to repay or refinance the secured convertible debentures of \$15 million on the maturity date, October 6, 2009, should the holder not choose to convert the debentures into common shares. We believe that it is unlikely that the holder will choose to convert at \$1/share as in the present agreement. There can be no assurance that additional funding will be available at all or on acceptable terms to permit further development of the Company's product candidates or to repay the convertible debentures on maturity.

Management believes that the Company's current level of cash and cash equivalents and short-term investments, will be sufficient to execute the Company's current planned expenditures for the next twelve months; however, the debt obligation is due in October 2009 and the Company currently does not have the cash and cash equivalents and short term investments to satisfy this obligation. Given the current market capitalization of the Company it is unlikely that the Company will be able to raise additional funds to repay this liability and as a result there is significant doubt as to whether the Company will be able to continue as a going concern and realize its assets and pay its liabilities as they fall due. If the Company cannot repay or refinance the debentures at or prior to maturity, the lender may take any action permitted by law to realize on its security.

The consolidated financial statements do not reflect adjustments that would be necessary if the going concern assumption were not appropriate. If the going concern basis were not appropriate for these consolidated financial statements, then adjustments would be necessary in the carrying value of the assets and liabilities, the reported revenue and expenses and the balance sheet classifications used.

b) Reorganization

On November 1, 2006, Lorus Therapeutics Inc. ("Lorus", the "Company" or "New Lorus") was incorporated as 6650309 Canada Inc. pursuant to the provisions of the Canada Business Corporation Act and did not carry out any active business from the date of incorporation to July 10, 2007. From its incorporation to July 10, 2007, the Company was a wholly owned subsidiary of 4325231 Canada Inc., formerly Lorus Therapeutics Inc. ("Old Lorus").

On July 10, 2007, the Company and Old Lorus completed a plan of arrangement and corporate reorganization. As part of the Arrangement, all of the assets and liabilities of Old Lorus (including all of the shares of its subsidiaries held by it), with the exception of certain future tax assets were transferred, directly or indirectly, from Old Lorus to the Company. Securityholders in Old Lorus exchanged their securities in Old Lorus for equivalent securities in New Lorus (the "Exchange") and the board of directors and management of Old Lorus continued as the board of directors and management of New Lorus. New Lorus obtained substitutional listings of its common shares on both the Toronto Stock Exchange ("TSX") and the NYSE Alternext US LLC ("NYSE") (formerly the American Stock Exchange).

In connection with the Arrangement and after the Exchange, the share capital of Old Lorus was reorganized into voting common shares and non-voting common shares and the Investor acquired from the Company and the Selling Shareholders (as defined below) approximately 41% of the voting common shares and all of the non-voting common shares of Old Lorus for a cash consideration of approximately \$8.5 million less an escrowed amount of \$600 thousand related to the indemnification discussed below, subject to certain post-closing adjustments and before transaction costs. The remaining 59% of the voting common shares of Old Lorus were distributed to the shareholders of New Lorus who were not residents of the United States on a pro-rata basis. Shareholders of New Lorus who were residents of the United States received a nominal cash payment in lieu of their pro-rata share of voting common shares of Old Lorus. After completion of the Arrangement, New Lorus is not related to Old Lorus, which was subsequently renamed Global Summit Real Estate Inc.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited)

Three and six months ended November 30, 2008 and 2009

Under the Arrangement, New Lorus and its subsidiaries agreed to indemnify Old Lorus and its directors, officers and employees from and against all damages, losses, expenses (including fines and penalties), other third party costs and legal expenses, to which any of them may be subject arising out of various matters discussed in note 10. The escrowed amount of \$600 thousand was subsequently released to Lorus on July 10, 2008.

As part of the Arrangement, the Company changed its name to Lorus Therapeutics Inc. and continued as a biopharmaceutical company, specializing in the research and development of pharmaceutical products and technologies for the management of cancer as a continuation of the business of Old Lorus.

The Arrangement has been accounted for on a continuity of interest basis and accordingly, the consolidated financial statements of New Lorus reflect the financial position, results of operations and cash flows as if New Lorus has always carried on the business formerly carried on by Old Lorus. Consequently, all comparative figures presented in these consolidated financial statements are those of Old Lorus.

2. *Changes in Accounting policy*

During the six-month period ended November 30, 2008, the Company adopted the following accounting policies:

(a) Accounting changes:

Effective June 1, 2008, the Company adopted the Accounting Standards Board's ("AcSB") replacement of Section 1506, Accounting Changes. The new standard allows for voluntary changes in accounting policy only when they result in the financial statements providing reliable and more relevant information; requires changes in accounting policy to be applied retrospectively unless doing so is impracticable; requires prior period errors to be corrected retrospectively; and calls for enhanced disclosures about the effects of changes in accounting policies, estimates and errors on the financial statements. The adoption of this standard did not have any impact on the Company's financial statements during the three-month and six-month periods ended November 30, 2008.

(b) Capital disclosures:

Effective June 1, 2008, the Company adopted the new recommendations of the Canadian Institute of Chartered Accountants ("CICA") Handbook Section 1535, Capital Disclosures ("Section 1535"). Section 1535 establishes standards for disclosing information about an entity's capital and how it is managed. It requires the disclosure of information about: (i) an entity's objectives, policies and processes for managing capital; complied with any capital requirements; and if it has not complied, the consequences of such non-compliance. The Company has included disclosures recommended by Section 1535 in note 3 of these financial statements.

(c) Financial instruments:

Effective June 1, 2008, the Company adopted the new recommendations of CICA Handbook Section 3862, Financial Instruments - Disclosures ("Section 3862") and Handbook Section 3863, Financial Instruments - Presentation ("Section 3863"). Section 3862 requires entities to provide disclosures in their financial statements that enable users to evaluate the significance of financial instruments on the entity's financial position and its performance and the nature and extent of risks arising from financial instruments to which the entity is exposed during the period and at the balance sheet date, and how the entity manages those risks. Section 3863 establishes standards for presentation of financial instruments and nonfinancial derivatives. It deals with the classification of financial instruments, from the perspective of the issuer, between liabilities and equities, the classification of related interest, dividends, losses and gains, and circumstances in which financial assets and financial liabilities are offset. The adoption of these standards did not have any impact on the classification and valuation of the Company's financial instruments. The Company has included disclosures recommended by these new Handbook Sections in note 4 of these financial statements

(d) General standards of financial statement presentation:

In May 2007, the AcSB amended CICA Handbook Section 1400 "General Standards of Financial Statement Presentation", to change the guidance related to management's responsibility to assess the ability of the entity to continue as a going concern.

The main features of the changes are as follows:

- (i) management is required to make an assessment of an entity's ability to continue as a going concern;
- (ii) in making its assessment, management takes into account all available information about the future, which is at least, but is not limited to, twelve months from the balance sheet date;
- (iii) financial statements must be prepared on a going concern basis unless management either intends to liquidate the entity, to cease trading or cease operations, or has no realistic alternative but to do so;
- (iv) disclosure is required of material uncertainties related to events or conditions that may cast significant doubt upon the entity's ability to continue as a going concern; and
- (v) when financial statements are not prepared on a going concern basis, that fact should be disclosed, together with the basis on which the financial statements are prepared and the reason the entity is not regarded as a going concern.

The effective date of these amendments is for interim and annual financial statements relating to fiscal years beginning on or after January 1, 2008. The new disclosure requirements pertaining to this Section are contained in note 1 of these financial statements.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited)

Three and six months ended November 30, 2008 and 2009

3. Capital Risk Management

The Company's objectives when managing capital are to:

- Maintain its ability to continue as a going concern in order to provide returns to shareholders and benefits to other stakeholders;
- Maintain a flexible capital structure which optimizes the cost of capital at acceptable risk;
- Ensure sufficient cash resources to fund its research and development activity, to pursue partnership and collaboration opportunities and to maintain ongoing operations.

The capital structure of the Company consists of secured convertible debentures and equity comprised of share capital, warrants, the equity portion of our secured convertible debentures, stock options, contributed surplus and deficit. The Company manages its capital structure and makes adjustments to it in light of economic conditions. The Company, upon approval from its Board of Directors, will balance its overall capital structure through new share issuances, acquiring or disposing of assets, adjusting the amount of cash and short-term investments balances or by undertaking other activities as deemed appropriate under the specific circumstances. The Company expects that its current capital resources will be sufficient to carry its research and development plans and operations for the next twelve months, but will not be sufficient to repay its convertible debentures on the maturity date of October 6, 2009 if the debenture holders do not convert their debt into common shares (see Note 1).

The Company is not subject to externally imposed capital requirements and the Company's overall strategy with respect to capital risk management remains unchanged from the year ended May 31, 2008.

4. Financial Instruments**(a) Financial instruments:**

The Company has classified its financial instruments as follows:

	November 30, 2008	May 31, 2008
Financial assets		
Cash and cash equivalents, consisting of term deposits, and guaranteed investment certificates, held for trading, measured at fair value	\$ 6,030	\$ 2,652
Short-term investments, held-to-maturity, recorded at amortized cost	2,705	6,304
Short-term investments, held-for-trading, recorded at fair value	480	480
Amount held in escrow, measured at amortized cost	-	600
Financial liabilities		
Accounts payable, measured at amortized cost	402	923
Accrued liabilities, measured at amortized cost	1,364	1,194
Secured convertible debentures, measured at amortized cost	13,510	12,742

(b) Financial risk management

The Company has exposure to credit risk, liquidity risk and market risk. The Company's Board of Directors has the overall responsibility for the oversight of these risks and reviews the Company's policies on an ongoing basis to ensure that these risks are appropriately managed.

(i) Credit risk

Credit risk is the risk of financial loss to the Company if a customer, partner or counterparty to a financial instrument fails to meet its contractual obligations, and arises principally from the Company's cash and cash equivalents and short-term investments. The carrying amount of the financial assets represents the maximum credit exposure.

The Company manages credit risk for its cash and cash equivalents and short-term investments by maintaining minimum standards of R1 low or A low investments and Lorus invests only in highly rated Canada and U.S. corporations with debt securities that are traded on active markets and are capable of prompt liquidation.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited)

Three and six months ended November 30, 2008 and 2009

(ii) Liquidity risk

Liquidity risk is the risk that the Company will not be able to meet its financial obligations as they come due. To the extent that the Company does not believe it has sufficient liquidity to meet its current obligations, the Board considers securing additional funds through equity, debt or partnering transactions. The Company manages its liquidity risk by continuously monitoring forecasts and actual cash flows.

(iii) Market risk

Market risk is the risk that changes in market prices, such as interest rates, foreign exchange rates, and equity prices will affect the Company's income or the value of its financial instruments.

The Company is subject to interest rate risk on its cash and cash equivalents, short-term investments and secured convertible debentures. The Company does not believe that the results of operations or cash flows would be affected to any significant degree by a sudden change in market interest rates relative to interest rates on the investments, owing to the relative short-term nature of the investments. The secured convertible debentures accrue interest at a rate of prime + 1%. A change of 100 basis points in the prime interest rate would have increased (decreased) equity and net income by approximately \$38 thousand (\$38 thousand) for the quarter ended November 30, 2008. This analysis assumes all other variables remain constant.

Financial instruments potentially exposing the Company to foreign exchange risk consist principally of accounts payable and accrued liabilities. The Company holds minimal amounts of U.S. dollar denominated cash, purchasing on an as needed basis to cover U.S. dollar denominated payments. At August 31, 2008 U.S. dollar denominated accounts payable and accrued liabilities amounted to \$390 thousand. Assuming all other variables remain constant, a 10% depreciation or appreciation of the Canadian dollar against the U.S. dollar would result in an increase or decrease in net loss and comprehensive loss of \$39 thousand (\$39 thousand). The Company does not have any forward exchange contracts to hedge this risk.

The Company does not invest in equity instruments of other corporations other than a 19% interest held in Zor Pharmaceuticals that is the licensee of Virulizin. The Company paid a nominal fee for this equity interest and is not exposed to any losses in excess of this nominal amount. Changes in the Company's equity price could impact its ability to raise additional capital.

5. *Share capital*

(amounts and units in 000's)	Common Shares		Warrants	
	Number	Amount	Number	Amount
Balance at May 31, 2007	212,266	\$ 157,714	-	\$ -
Interest payments (b)	1,227	270	-	-
Balance at August 31, 2007	213,493	\$ 157,984	-	\$ -
Interest payments (b)	1,280	271	-	-
Balance at November 30, 2007	214,773	\$ 158,255	-	\$ -
Interest payments (b)	1,452	258	-	-
Balance at February 29, 2008	216,225	\$ 158,513	-	\$ -
Interest payments (b)	1,424	230	-	-
Balance at May 31, 2008	217,649	\$ 158,743	-	\$ -
Interest payments (b)	2,038	217	-	-
Issuance of units (c)	28,539	2,790	14,269	417
Balance at August 31, 2008	248,226	\$ 161,750	14,269	\$ 417
Interest payments (b)	2,989	201	-	-
Balance at November 30, 2008	251,215	161,951	14,269	\$ 417

(b) Interest payments

Interest payments relate to interest payable on the \$15.0 million convertible debentures payable at a rate of prime +1% until such time as the Company's share price reaches \$1.75 for 60 consecutive trading days, at which time, interest will no longer be charged. Common shares issued in payment of interest were issued at a price equal to the weighted average trading price of such shares for the ten trading days immediately preceding their issue in respect of each interest payment.

(c) Equity issuances

On June 25, 2008, the Company filed a short-form prospectus for a rights offering to its shareholders.

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited)

Three and six months ended November 30, 2008 and 2009

Under the rights offering, holders of the Company's common shares as of July 9, 2008 (the "Record Date") received one right for each common share held as of the Record Date. Each four rights entitled the holder thereof to purchase a unit of Lorus ("Unit"). Each Unit consists of one common share of Lorus at \$0.13 and a one-half common share purchase warrant to purchase additional common shares of Lorus at \$0.18 until August 7, 2010. Rights expired on August 7, 2008.

The Company issued 28,538,889 common shares and 14,269,444 common share purchase warrants in exchange for cash consideration of \$3.71 million. The total costs associated with the transaction were approximately \$500 thousand. The Company has allocated the net proceeds of \$3.2 million received from the issuance of the units to the common shares and the common share purchase warrants based on their relative fair values. The fair value of the common share purchase warrants has been determined based on an option pricing model. The resulting allocation based on relative fair values resulted in the allocation of \$2.8 million to the common shares and \$417 thousand to the common share purchase warrants.

During the six months ended November 30, 2008, nil stock options were exercised (November 30, 2007 - nil)

(d) Earnings/Loss per share

For the three and six months ended November 30, 2008 and the three months ended November 30, 2007 the Company has excluded from the calculation of diluted loss per share all common shares potentially issuable upon the exercise of stock options, warrants and the convertible debenture that could dilute basic loss per share, because to do so would be anti-dilutive.

For the six months ended November 30, 2007, the determination of diluted earnings per share includes in the calculation all common shares potentially issuable upon the exercise of stock options, using the "treasury stock method" and the secured convertible debentures, using the "if converted" method.

Diluted earnings per share, using the treasury stock method, assumes outstanding stock options are exercised at the beginning of the period, and the Company's common shares are purchased at the average market price during the period from the funds derived on the exercise of these outstanding options. Stock options with a strike price above the average market price for the period were excluded from the calculation of fully diluted earnings per share as to include them would have increased the earnings per share.

Diluted earnings per share, using the "If converted" method and to the extent the conversion is dilutive, assumes all convertible securities have been converted at the beginning of the period, or at the time of issuance, if later, and any charges of returns on the convertible securities, on an after-tax basis, are removed from net earnings. For the six months ended November 30, 2007, the after-tax interest on the secured convertible debentures has been removed from net earnings and the weighted average number of common shares has been increased by the number of common shares which would have been issued on conversion of the secured convertible debentures, pro rated for the number of days in the period the secured convertible debentures was outstanding. As the interest expense was settled by issuing common shares of the Company, these common shares issued were also excluded from the weighted average number of shares used in the computation of diluted earnings per share.

(e) Continuity of contributed surplus

	Six months ended November 30, 2008	Six months ended November 30, 2007
Balance, beginning of year	\$ 9,181	\$ 8,525
Forfeiture of stock options	1,086	605
Balance, end of period	\$ 10,267	\$ 9,130

6. Stock-based compensation

	Six months ended November 30, 2008	Six months ended November 30, 2007
	Options (in thousands)	Options (in thousands)
	Weighted Average exercise price	Weighted average exercise price
Outstanding, beginning of year	16,438 \$ 0.45	12,988 \$ 0.59
Granted	5,124 0.10	2,699 0.22
Exercised	- -	- -
Forfeited	(3,246) 0.66	(1,675) 0.77
Outstanding, end of period	18,316 \$ 0.32	14,012 \$ 0.50

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited)

Three and six months ended November 30, 2008 and 2009

For the three and six month periods ended November 30, 2008 stock compensation expense of \$145 thousand (2008 - \$209 thousand) and \$236 thousand (2008 - \$312 thousand), was recognized in the respective periods representing the amortization applicable to the current period of the estimated fair value of options granted since June 1, 2002 and the incremental compensation expense relating to amending the terms of certain stock options as explained below.

In September 2007, the Company extended the option exercise period to those directors not seeking re-election at the annual general meeting and Dr. Wright in relation to his options earned as President and Chief Executive Officer. These transactions result in modification of the terms of the original awards, and the incremental compensation expense relating to the modified options amounted to approximately \$83 thousand that was included in the stock based compensation expense in the second quarter of fiscal 2008.

(b) Fair value assumptions

The following assumptions were used in the Black-Scholes option-pricing model to determine the fair value of stock options granted during the period:

	Three months ended Nov 30, 2008	Six months ended Nov 30, 2008	Three months ended Nov 30, 2007	Six months ended Nov 30, 2007
Risk free interest rate	2.0%	2.0-4.75%	4.75%	4.75%
Expected dividend yield	0%	0%	0%	0%
Expected volatility	80%	80%	80%	80%
Expected life of options	5 years	5 years	5 years	5 years
Weighted average fair value of options granted or modified in the period	\$ 0.05	\$ 0.07	\$ 0.15	\$ 0.15

(c) Continuity of stock options

	Six months ended November 30, 2008	Six months ended Nov 30, 2007
Balance, beginning of the year	\$ 4,961	\$ 4,898
Stock option expense	236	312
Forfeiture of stock options	(1,086)	(605)
Balance, end of period	\$ 4,111	\$ 4,605

7. Short term investments**As at November 30, 2008**

(amounts in 000's)	Less than one year maturities	Greater than one year maturities	Total	Yield to maturity
Corporate instruments (including guaranteed investment certificates, medium-term notes and fixed-term notes)	2,705	480	3,185	2.77 - 3.70%
	\$ 2,705	\$ 480	\$ 3,185	

As at May 31, 2008

(amounts in 000's)	Less than one year maturities	Greater than one year maturities	Total	Yield to maturity
Corporate instruments (including guaranteed investment certificates, medium-term notes and fixed-term notes)	6,304	480	6,784	3.89 - 4.6%
	\$ 6,304	\$ 480	\$ 6,784	

NOTES TO CONSOLIDATED FINANCIAL STATEMENTS (Unaudited)

Three and six months ended November 30, 2008 and 2009

At November 30, 2008, held to maturity investments are carried at amortized cost. These investments have maturities varying from one to six months. Certain corporate instruments have maturities greater than one year, however, the Company has designated these investments as "held-for-trading", and have classified these investments as short term investments on the balance sheet. These investments are carried at fair value. The net increase in fair value of these investments for the six months ended November 30, 2008 amounted to \$nil (six months ended November 30, 2008 -\$19 thousand) and has been included in the statement of loss and deficit.

At May 31, 2008, investments with maturities of less than one year are classified as held-to-maturity investments and carried at amortized cost. These investments have maturities varying from one to two months.

At November 30, 2008 and May 31, 2008, the carrying values of held-to-maturity investments approximate their quoted market values.

8. Secured convertible debentures

The terms of the secured convertible debentures are described in note 11 to the financial statements of the Company's annual financial statement for the period ended May 31, 2008. The debentures are due on October 6, 2009 and may be converted at the holder's option at any time into common shares of the Company at a conversion price of \$1.00 per share. The lender has the option to demand repayment in the event of default, including the failure to maintain certain covenants, representations and warranties.

Management assesses on a quarterly basis whether or not events during the quarter could be considered an event of default. This assessment was performed and management believes that there has not been an event of default and that, at November 30, 2008; the term of the debt remains unchanged.

9. Related party transaction

During the three months ended November 30, 2008 the Company expensed consulting fees of \$9 thousand (2008 - \$nil) to a director of the Company and for the six months ended November 30, 2008, Lorus expensed consulting fees of \$12 thousand (2008 - \$nil) to the same director. At November 30, 2008 \$12 thousand (2008 - \$nil) remained payable and is included in Accrued Liabilities on the balance sheet.

This transaction was in the normal course of business and has been measured at the exchange amount, which is the amount of consideration established and agreed to by the related parties.

10. Indemnification on Arrangement

Under the Arrangement (note 1(b)), the Company has agreed to indemnify Old Lorus and its directors, officers and employees from and against all damages, losses, expenses (including fines and penalties), other third party costs and legal expenses, to which any of them may be subject arising out of any matter occurring

- (i) prior to, at or after the effective time of the Arrangement ("Effective Time") and directly or indirectly relating to any of the assets of Old Lorus transferred to New Lorus pursuant to the Arrangement (including losses for income, sales, excise and other taxes arising in connection with the transfer of any such asset) or conduct of the business prior to the Effective Time;
- (ii) prior to, at or after the Effective Time as a result of any and all interests, rights, liabilities and other matters relating to the assets transferred by Old Lorus to New Lorus pursuant to the Arrangement; and
- (iii) prior to or at the Effective Time and directly or indirectly relating to, with certain exceptions, any of the activities of Old Lorus or the Arrangement.

Subsequent to the release of the escrowed amount of \$600 thousand, the Company has recorded a liability of \$150 thousand, which it believes is a reasonable estimate of the fair value of the obligation for the indemnifications provided. There have been no claims under this indemnification to date. This amount is included on the balance sheet under Accrued Liabilities as at November 30, 2008.

11. Revenue

During the quarter the Company recognized \$30 thousand (US\$25 thousand) in revenue related to a milestone payment received from ZOR pharmaceuticals. The total milestone received from ZOR was \$178 thousand (US\$150 thousand) and the Company has determined that it is appropriate to recognize this revenue over the remaining period of a service contract whereby the Company has agreed to provide consulting services to ZOR pharmaceuticals. The remaining \$148 thousand (US\$125 thousand) has been recorded as deferred revenue in the Accrued Liabilities line of the balance sheet.

MANAGEMENT'S DISCUSSION AND ANALYSIS

January 14, 2009

CAUTION REGARDING FORWARD-LOOKING STATEMENTS

This management discussion and analysis may contain forward-looking statements within the meaning of Canadian and U.S. securities laws. Such statements include, but are not limited to, statements relating to:

- *our plans to obtain partners to assist in the further development of our product candidates;*
- *our expectations with respect to existing and future corporate alliances and licensing transactions with third parties, and the receipt and timing of any payments to be made by us or to us in respect of such arrangements, and*
- *our expectations regarding future financings;*
- *our plans to conduct clinical trials;*
- *our expectations regarding the progress and the successful and timely completion of the various stages of our drug discovery, pre-clinical and clinical studies and the regulatory approval process;*

the Company's plans, objectives, expectations and intentions and other statements including words such as "anticipate", "contemplate", "continue", "believe", "plan", "estimate", "expect", "intend", "will", "should", "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 or achievements to be materially different from any future results, performance, or achievements that may be expressed or implied by such forward-looking statements, including, among others:

- *our ability to repay or refinance our convertible debentures at maturity;*
- *our ability to obtain the substantial capital required to fund research and operations;*
- *our lack of product revenues and history of operating losses;*
- *our early stage of development, particularly the inherent risks and uncertainties associated with (i) developing new drug candidates generally, (ii) demonstrating the safety and efficacy of these drug candidates in clinical studies in humans, and (iii) obtaining regulatory approval to commercialize these drug candidates;*
- *the progress of our clinical trials;*
- *our ability to maintain compliance with the operational covenants of the convertible debenture agreement that could result in an event of default and the requirement for early repayment;*
- *our liability associated with the indemnification of Old Lorus and its directors, officers and employees*
- *our ability to find and enter into agreements with potential partners;*
- *our drug candidates require time-consuming and costly preclinical and clinical testing and regulatory approvals before commercialization;*
- *clinical studies and regulatory approvals of our drug candidates are subject to delays, and may not be completed or granted on expected timetables, if at all, and such delays may increase our costs and could delay our ability to generate revenue;*
- *the regulatory approval process;*
- *our ability to attract and retain key personnel;*
- *our ability to obtain patent protection and protect our intellectual property rights;*
- *our ability to protect our intellectual property rights and to not infringe on the intellectual property rights of others;*
- *our ability to comply with applicable governmental regulations and standards;*
- *development or commercialization of similar products by our competitors, many of which are more established and have greater financial resources than we do;*
- *commercialization limitations imposed by intellectual property rights owned or controlled by third parties;*
- *our business is subject to potential product liability and other claims;*
- *our ability to maintain adequate insurance at acceptable costs;*
- *further equity financing may substantially dilute the interests of our shareholders;*
- *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, and those which are discussed under the heading "Risk Factors".*

Should one or more of these risks or uncertainties materialize, or should the assumptions set out in the section entitled "Risk Factors" 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 management, discussion and analysis or, in the case of documents incorporated by reference herein, as of the date of such documents, 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.

LIQUIDITY AND CAPITAL RESOURCES

Since its inception, Lorus has financed its operations and technology acquisitions primarily from equity and debt financing, the proceeds from the exercise of warrants and stock options, and interest income on funds held for future investment. The remaining costs associated with the completion of the LOR-2040 Phase I/II clinical trial program with the US National Cancer Institute ("NCI") will be borne by the US NCI. Lorus has undertaken an expanded LOR-2040 trial at its own cost and acquired additional quantities of LOR-2040 drug to support this ongoing trial and any further development of LOR-2040. We will continue the development of our small molecule programs from internal resources.

We have not earned substantial revenues from our drug candidates and are therefore considered to be in the development stage. The continuation of our research and development activities and the commercialization of the targeted therapeutic products are dependent upon our ability to successfully finance and complete our research and development programs through a combination of equity financing and payments from strategic partners. We have no current sources of significant payments from strategic partners. In addition, we will need to repay or refinance the secured convertible debentures on their maturity on October 6, 2009 should the holder not choose to convert the debentures into common shares. We believe that it is unlikely the holder will choose to convert at \$1/share as in the present agreement. There can be no assurance that additional funding will be available at all or on acceptable terms to permit further clinical development of our products or to repay the convertible debentures on maturity. If we are not able to raise additional funds, we will not be able to continue as a going concern and realize our assets and pay our liabilities as they fall due.

Management believes that our current level of cash and cash equivalents and short term investments will be sufficient to execute our current planned expenditures for the next twelve months; however, our \$15 million convertible debt obligation is due in October 2009 and we currently do not have the cash and cash equivalents to satisfy this obligation. Given the current market capitalization of the Company it is unlikely that the Company will be able to raise additional funds to repay this liability which raises significant doubt related to the Company's ability to continue as a going concern and realize its assets and pay its liabilities as they fall due. If the Company cannot repay or refinance the debentures at or prior to maturity, the lender may take any action permitted by law to realize on its security.

The financial statements do not reflect adjustments that would be necessary if the going concern assumption were not appropriate. If the going concern basis were not appropriate for these financial statements, then adjustments would be necessary in the carrying value of the assets and liabilities, the reported revenues and expenses and the balance sheet classifications used.

The following discussion should be read in conjunction with the audited financial statements for the year ended May 31, 2008 and the accompanying notes (the "Financial Statements") contained in the Company's annual report. The Financial Statements, and all financial information discussed below, have been prepared in accordance with Canadian generally accepted accounting principles ("GAAP"). All amounts are expressed in Canadian dollars unless otherwise noted. In this MD&A, "Lorus", "New Lorus", the "Company", "we", "us" and "our" each refers to Lorus Therapeutics Inc.

OVERVIEW

Lorus is a life sciences company focused on the discovery, research and development of effective anticancer therapies with a high safety profile. Lorus has worked to establish a diverse anticancer product pipeline, with products in various stages of development ranging from pre-clinical to an advanced Phase II clinical trial. A growing intellectual property portfolio supports our diverse product pipeline. Lorus' pipeline is a combination of internally developed products and products licensed in from other entities at a pre-clinical stage.

We believe that the future of cancer treatment and management lies in drugs that are effective, safe and have minimal side effects, and therefore improve a patient's quality of life. Many of the cancer drugs currently approved for the treatment and management of cancer are toxic with severe side effects, and we therefore believe that a product development plan based on effective and safe drugs could have broad applications in cancer treatment. Lorus' strategy is to continue the development of our product pipeline using several therapeutic approaches. Each therapeutic approach is dependent on different technologies, which we believe mitigates the development risks associated with a single technology platform. We evaluate the merits of each product throughout the clinical trial process and consider commercial viability as appropriate. The most advanced anticancer drugs in our pipeline, each of which flow from different platform technologies, are antisense, small molecules and immunotherapeutics.

Our business model is to take our product candidates through pre-clinical testing and into Phase I and Phase II clinical trials. It is our intention to then partner or co-develop these product candidates after successful completion of Phase I or II clinical trials. Lorus will give careful consideration in the selection of partners that can best advance the drug candidates into a pivotal Phase III clinical trial and, upon successful results, commercialization. Our objective is to receive cash for milestone payments and royalties from such partnerships which will support continued development of our product pipeline. We assess each product candidate and determine the optimal time to work towards partnering out that product candidate.

Our success is dependent upon several factors, including, our ability to repay or refinance our \$15 million convertible debentures, maintaining sufficient levels of funding through public and/or private financing, establishing the efficacy and safety of our products in clinical trials and securing strategic partnerships.

Our loss from operations for the three and six months ended November 30, 2008 decreased to \$2.3 million (\$0.01 per share) and \$4.9 million (\$0.02 per share), respectively, compared to \$3.0 million (\$0.01 per share) and \$5.1 million (\$0.02 per share) during the same periods in fiscal 2008. During the six months ended November 30, 2008 the Company recorded a gain on sale of shares related to the Arrangement of \$450 thousand which resulted in a net loss and other comprehensive loss of \$4.5 million (\$0.02 per share). During the six month period ended November 30, 2007, the Company realized a gain on the sale of the shares related to the Arrangement in the amount of \$6.3 million resulting in net earnings and other comprehensive income for the period of \$1.2 million (\$0.01 earnings per share).

The decrease in loss from operations for the three months ended November 30, 2008 compared with the same period last year is due primarily to reduced research and development spending of \$553 thousand, resulting from the completion of toxicity studies ongoing in the quarter ended November 30, 2007 and reduced general and administrative expenditures of \$183 thousand due to lower legal and annual general meeting costs.

The decrease in net loss from operations for the six months ended November 30, 2008 compared with the same period last year is primarily the result of lower research and development costs of \$157 thousand due to less spending on the small molecule program due to timing.

We utilized cash of \$2.1 million in our operating activities in three-month period ended November 30, 2008 compared with \$2.5 million during the same period in fiscal 2008. The decrease is primarily a result of a reduced net loss. We utilized cash of \$3.9 million for the six months ended November 30, 2008 compared with \$4.9 million in the same period last year. The reduced cash use is the result of a lower net loss as well as a reduction in accounts payable and increase in prepaid and other assets in for the six months ended November 30, 2007.

At November 30, 2008, we had cash and cash equivalents and short-term investments of \$9.2 million compared to \$9.4 million at May 31, 2008.

RESULTS OF OPERATIONS

Revenues

Revenues for the three-month period ended November 30, 2008 increased to \$39 thousand compared with revenue of \$1 thousand for the same period last year. For the six-month period ended November 30, 2008, total revenue increased to \$42 thousand from \$27 thousand in the same period last year. This increase in revenue is related to an increase in milestone revenues associated with the license of Virulizin to ZOR Pharmaceuticals. During the quarter ended November 30, 2008 Lorus received a \$178 thousand (US\$150 thousand) milestone payment from ZOR related to their achievement of a financing milestone, this milestone is being recognized over the remaining 12 months of a service contract whereby Lorus agreed to provide consulting services to ZOR Pharmaceuticals. During the quarter Lorus recognized \$30,000 (US\$25,000) in revenue related to this payment and the remaining \$148 thousand (US\$125 thousand) has been recorded as deferred revenue in the Accrued Liabilities line of the balance sheet.

Research and Development

Research and development expenses totaled \$694 thousand in the three-month period ended November 30, 2008 compared to \$1.2 million during the same period last year and decreased to \$1.9 million from \$2.0 million in the six month period ended November 30, 2008 as compared to the same period in fiscal 2008.

The decrease during the three months ended November 30, 2008 compared with the prior year is due primarily to GLP-toxicity studies for our small molecule program that were initiated in the second quarter 2008 and are now completed as well as a reduced headcount due to voluntary resignations throughout the research and development departments.

Research and development costs for the six-month period ending November 30, 2008 decreased due to reduced spending on the small molecule program as we prepare to move it into the clinic as well as reduced headcount.

General and Administrative

General and administrative expenses totaled \$920 thousand in the three-month period ended November 30, 2008 compared to \$1.1 million in same period last year. For the six month period ended November 30, 2008, general and administrative expense was \$1.8 million compared with \$1.8 million in the same period last year.

The decrease in general and administrative costs for the three month period ended November 30, 2008 is the result of reduced legal costs, annual report publication and annual meeting costs in comparison with the prior year. For the six-month period ended November 30, 2008 general and administrative costs remained consistent with the prior year as cost savings were offset by foreign exchange losses.

Stock-Based Compensation

Stock-based compensation expense totaled \$145 thousand in the three-month period ended November 30, 2008 compared with \$209 thousand in the same period last year and \$236 in the six-month period ended November 30, 2008 compared with \$312 thousand for the same period last year.

The decrease in stock based compensation for the three and six month periods ending November 30, 2008 is due primarily to an increase in expense of \$83 thousand in the second quarter ended November 30, 2007 related to the extension of options to directors not standing for re-election at the Company's annual general meeting and Dr. Wright for options granted in his capacity as President and CEO.

Depreciation and Amortization

Depreciation and amortization expenses decreased to \$43 thousand in the three-month period and \$86 thousand in the six-month period ended November 30, 2008 as compared to \$80 thousand and \$159 thousand in the same periods, respectively, last year. The decrease in depreciation and amortization expense is the result of reduced capital asset purchases over the past three fiscal years.

Interest Expense

Non-cash interest expense was \$201 thousand in the three-month period ended November 30, 2008 compared with \$271 thousand in the same period last year. For the six-month period ended November 30, 2008 interest expense was \$418 thousand compared with \$541 thousand for the same period last year. These amounts represent interest at a rate of prime plus 1% on the \$15.0 million convertible debentures. The decrease in interest expense in fiscal 2009 compared with fiscal 2008 is a function of significantly lower prime rates in comparison with the prior year. All interest accrued on the debentures to date has been paid in common shares of the Company.

Accretion in Carrying Value of Secured Convertible Debentures

Accretion in the carrying value of the Company's secured convertible debentures amounted to \$391 thousand in the three-month period ended November 30, 2008 compared with \$307 thousand in the same period last year. For the six month period ended November 30, 2008, accretion charges were \$768 thousand compared to \$605 thousand in the same period in fiscal 2008. The accretion charges arise as under GAAP the Company has allocated the proceeds from each tranche of the debentures to the debt and equity instruments issued on a relative fair value basis resulting in the \$15.0 million debentures having an initial cumulative carrying value of \$9.8 million as of their dates of issuance. Each reporting period, the Company is required to accrete the carrying value of the convertible debentures such that at maturity on October 6, 2009, the carrying value of the debentures will be the face value of \$15.0 million. The increase in expense for the three and six month periods ending November 30, 2008 compared with the prior year is due to a higher effective rate of interest and a larger principal balance.

Interest Income

Interest income totaled \$71 thousand in the three-month period ended November 30, 2008 compared to \$175 thousand in the same period last year. For the six-month period ended November 30, 2008 interest income totaled \$153 thousand compared with \$315 thousand in the same period last year. The decrease in interest income during both the three and six month periods ended November 30, 2008 is due to a lower average cash and marketable securities balance and significantly lower interest rates available on investments in comparison with the same period in the prior year.

Loss from operations for the period

Our loss from operations for the three and six months ended November 30, 2008 decreased to \$2.3 million (\$0.01 per share) and \$4.9 million (\$0.02 per share), respectively, compared to \$3.0 million (\$0.01 per share) and \$5.1 million (\$0.02 per share) during the same periods in fiscal 2008. During the six months ended November 30, 2008 the Company recorded a gain on sale of shares related to the Arrangement of \$450 thousand which resulted in a net loss and other comprehensive loss of \$4.5 million (\$0.02 per share). During the six month period ended November 30, 2007, the Company realized a gain related to the Arrangement in the amount of \$6.3 million resulting in net earnings and other comprehensive income for the period of \$1.2 million (\$0.01 earnings per share).

The decrease in loss from operations for the three months ended November 30, 2008 compared with the same period last year is due primarily to reduced research and development spending of \$553 thousand, resulting from the completion of toxicity studies ongoing in Q2 2007 and reduced general and administrative expenditures of \$183 thousand due to lower legal and annual general meeting costs.

The decrease in net loss from operations for the six months ended November 30, 2008 compared with the same period last year is due primarily to lower research and development costs of \$157 thousand resulting from less spending on the small molecule program due to timing.

Gain on sale of shares

As a result of the Arrangement described below, the Company recognized a gain on the sale of the shares of Old Lorus to the Investor of approximately \$6.3 million for the six-month period ended November 30, 2007. For the period six month period ended November 30, 2008 the Company recognized a gain on sale of \$450 thousand which represents the \$600 thousand released from escrow less the \$150 thousand liability associated with the indemnification described below. During the three months ended November 30, 2008 no amounts were recognized on the gain on sale of the shares. In the same period last year \$216 thousand was recorded as a gain on sale of the shares reflecting an adjustment to the transaction costs.

Under the Arrangement, New Lorus and its subsidiaries have agreed to indemnify Old Lorus and its directors, officers and employees from and against all damages, losses, expenses (including fines and penalties), other third party costs and legal expenses, to which any of them may be subject arising out of any matter occurring (i) prior to, at or after the effective time of the Arrangement ("Effective Time") and directly or indirectly relating to any of the assets of Old Lorus transferred to New Lorus pursuant to the Arrangement (including losses for income, sales, excise and other taxes arising in connection with the transfer of any such asset) or conduct of the business prior to the Effective Time; (ii) prior to, at or after the Effective Time as a result of any and all interests, rights, liabilities and other matters relating to the assets transferred by Old Lorus to New Lorus pursuant to the Arrangement; and (iii) prior to or at the Effective Time and directly or indirectly relating to, with certain exceptions, any of the activities of Old Lorus or the Arrangement.

In reference to those indemnifications, \$600 thousand of the proceeds on the transaction were held in escrow until the first anniversary of the transaction and were released to Lorus in July 2008. Lorus has recorded a liability of \$150 thousand, which it believes is a reasonable estimate of the fair value of the obligation for the indemnifications provided. There have been no claims under this indemnification to date. This amount is included on the balance sheet under Accrued Liabilities as at November 30, 2008.

PLAN OF ARRANGEMENT AND CORPORATION REORGANIZATION

On July 10, 2007 (the "Arrangement Date"), Lorus Therapeutics Inc. (the "Company", "Lorus" or "New Lorus") completed a plan of arrangement and corporate reorganization with, among others, 4325231 Canada Inc., formerly Lorus Therapeutics Inc. ("Old Lorus"), 6707157 Canada Inc. and Pinnacle International Lands, Inc (the "Arrangement"). As a result of the plan of arrangement and reorganization, among other things, each common share of Old Lorus was exchanged for one common share of the Company and the assets (excluding certain future tax attributes and related valuation allowance) and liabilities of Old Lorus (including all of the shares of its subsidiaries held by it) were transferred, directly or indirectly, to the Company and/or its subsidiaries. The Company continued the business of Old Lorus after the Arrangement Date with the same officers and employees and continued to be governed by the same directors as Old Lorus prior to the Arrangement Date. Therefore, the Company's operations have been accounted for on a continuity of interest basis and accordingly, the consolidated financial statement information below reflect that of the Company as if it had always carried on the business formerly carried on by Old Lorus. All comparative figures presented in these consolidated financial statements are those of Old Lorus prior to the Arrangement Date and the Company after the Arrangement Date. References in this Management's Discussion and Analysis ("MD&A") to the Company, Lorus, "we", "our", "us" and similar expressions, unless otherwise stated, are references to Old Lorus prior to the Arrangement Date and the Company after the Arrangement Date.

REGULATORY MATTER

On October 31, 2008 Lorus voluntarily delisted its common shares from trading on the NYSE Alternext US LLC (formerly the American Stock Exchange or AMEX).

QUARTERLY FINANCIAL INFORMATION (UNAUDITED)

The selected financial information provided below is derived from the Company's unaudited quarterly financial statements for each of the last eight quarters.

Research and development expenditures increased over the four quarters ended August 31, 2008 in comparison with the comparative quarters in the prior year. This is due to increased activity related to the LOR-2040 and LOR-253 programs for which development has accelerated. In particular research and development costs were significantly higher during the quarter ended February 29, 2008 due to the manufacturing costs associated with producing additional quantities of LOR-2040 to support the ongoing Phase II clinical trial in AML. Q3 and Q4 of 2007 and Q1 of 2008 had particularly low research and development expenditures as the Company was in between wrapping up the Virulizin® Phase III clinical trial and escalating development within the LOR-2040 and LOR-253 programs. Research and development expenditures decreased during the quarter ended November 30, 2008 compared with the prior period due to reduced spending on the small molecule toxicity studies which are now completed.

General and administrative expenses have remained relatively consistent across last eight quarters with the exception of the following quarters:

- three months ended November 30, 2007 reflecting corporate governance costs and increased corporate communication costs over the previous periods, and
- the quarter ended May 31, 2008 resulting from increased legal, professional and internal control compliance fees.

The Company recognized a gain on sale of shares of \$6.1 million on the close of the Arrangement as discussed above in the quarter ended August 31, 2007. For the quarter ended August 31, 2008 the Company recognized a gain on sale of shares of \$450 thousand related to the release of funds from escrow net of the value of the guarantee as discussed above.

<i>(Amounts in 000's except for per common share data)</i>	Nov. 30, 2008	Aug. 31, 2008	May 31, 2008	Feb. 29, 2008	Nov. 30, 2007	Aug. 31, 2007	May 31, 2007	Feb. 28, 2007
Revenue	\$ 39	\$ 3	\$ 13	\$ 3	\$ 1	\$ 26	\$ 40	\$ 37
Research and development	694	1,178	1,836	2,222	1,247	782	259	672
General and administrative	920	841	1,186	863	1,103	736	820	833
Net loss	(2,284)	(2,212)	(3,650)	(3,850)	(2,825)	3,991	(1,689)	(2,062)
Basic and diluted net (loss) profit per share	\$ (0.01)	\$ (0.01)	\$ (0.02)	\$ (0.02)	\$ (0.01)	\$ 0.02	\$ (0.01)	\$ (0.01)
Cash used in operating activities	\$ (2,080)	\$ (1,800)	\$ (2,722)	\$ (2,586)	(2,537)	\$ (2,348)	\$ (89)	\$ (1,805)

Capital Risk Management

The Company's objectives when managing capital are to:

- Maintain its ability to continue as a going concern in order to provide returns to shareholders and benefits to other stakeholders;
- Maintain a flexible capital structure which optimizes the cost of capital at acceptable risk;
- Ensure sufficient cash resources to fund its research and development activity, to pursue partnership and collaboration opportunities and to maintain ongoing operations.

The capital structure of the Company consists of secured convertible debt and equity comprised of share capital, warrants, the equity portion of our secured convertible debentures, stock options, contributed surplus and deficit. The Company manages its capital structure and makes adjustments to it in light of economic conditions. The Company, upon approval from its Board of Directors, will balance its overall capital structure through new share issuances, acquiring or disposing of assets, adjusting the amount of cash and short-term investments balances or by undertaking other activities as deemed appropriate under the specific circumstances. The Company expects that its current capital resources will be sufficient to carry its research and development plans and operations for the next twelve months.

The Company is not subject to externally imposed capital requirements and the Company's overall strategy with respect to capital risk management remains unchanged from the year ended May 31, 2008.

Rights Offering

On June 25, 2008, the Company filed a short-form prospectus for a rights offering to its shareholders.

Under the rights offering, holders of the Company's common shares as of July 9, 2008 (the "Record Date") received one right for each common share held as of the Record Date. Each four rights entitled the holder thereof to purchase a unit of Lorus ("Unit"). Each Unit consists of one common share of Lorus at \$0.13 and a one-half common share purchase warrant to purchase additional common shares of Lorus at \$0.18 per common share until August 7, 2010. Rights expired on August 7, 2008.

The Company issued 28,538,889 common shares and 14,269,444 common share purchase warrants in exchange for cash consideration of \$3.71 million. The total costs associated with the transaction were \$500 thousand. The Company has allocated the net proceeds of \$3.2 million received from the issuance of the units to the common shares and the common share purchase warrants based on their relative fair values. The fair value of the common share purchase warrants has been determined based on an option pricing model. The allocation based on relative fair values resulted in the allocation of approximately \$2.8 million to the common shares and approximately \$417 thousand to the common share purchase warrants.

Cash Position

At November 30, 2008, Lorus had cash and cash equivalents and short-term investments totaling \$9.2 million compared to \$9.4 million at May 31, 2008. The Company invests in highly rated and liquid debt instruments. Investment decisions are made in accordance with an established investment policy administered by senior management and overseen by the board of directors. Working capital (representing primarily cash, cash equivalents, short term investments and other current assets less current liabilities) at November 30, 2008 was (\$5.3 million) as compared to \$8.0 million at May 31, 2008. The negative working capital balance is the result of the \$15 million convertible debentures which are due on October 6, 2009 and classified as a current liability.

We do not expect to generate positive cash flow from operations in the next several years due to additional research and development costs, including costs related to drug discovery, preclinical testing, clinical trials, manufacturing costs and operating expenses associated with supporting these activities. Negative cash flow will continue until such time, if ever, that we receive regulatory approval to commercialize any of our products under development and revenue from any such products exceeds expenses.

We may seek to access the public or private equity markets from time to time, even if we do not have an immediate need for additional capital at that time. We intend to use our resources to fund our existing drug development programs and develop new programs from our portfolio of preclinical research technologies. The amounts actually expended for research and drug development activities and the timing of such expenditures will depend on many factors, including the progress of the Company's research and drug development programs, the results of preclinical and clinical trials, the timing of regulatory submissions and approvals, the impact of any internally developed, licensed or acquired technologies, our ability to find suitable partnership agreements to assist financially with future development, the impact from technological advances, determinations as to the commercial potential of the Company's compounds and the timing and development status of competitive products.

Contractual Obligations and Off-Balance Sheet Financing

At November 30, 2008, we had contractual obligations requiring annual payments as follows:

(Amounts in 000's)

	Less than 1 year	1-3 years	Total
Operating leases	146	213	359
Convertible Debenture ¹	15,000	-	15,000
Total	15,146	213	15,359

¹The convertible debentures as described above may be converted into common shares of Lorus at a conversion price of \$1.00 per share. In the event that the holder does not convert the debentures, Lorus has an obligation to repay the \$15.0 million in cash. The amounts above excludes interest expense which is payable monthly by issuance of common shares which is calculated at a rate of prime plus 1% on the outstanding balance. The convertible debentures are due on October 6, 2009.

In addition, the Company is party to certain licensing agreements that require the Company to pay a proportion of any fees that the Company may receive from future revenues or milestone payments. As of November 30, 2008 no amounts have been received by the Company relating to these licensing agreements and therefore, no amounts are owing and the amount of future fees is not determinable.

The Company has entered into various consulting agreements that upon achievement of a partnership agreement could result in liabilities owing to such consultants. The payments in these agreements are contingent on the value of the partnership agreement and would be paid out of proceeds received by Lorus. As of November 30, 2008 no amounts are owing and the amount of future fees is not determinable.

The Company has entered into an agreement to acquire certain research and development equipment at an expected cost of \$170 thousand. This equipment was not received at November 30, 2008 and no amounts have been recorded related to it.

As at November 30, 2008, we have not entered into any off- balance sheet arrangements.

Indemnification

Under the Arrangement, Lorus agreed to indemnify Old Lorus and its directors, officers and employees from and against all damages, losses, expenses (including fines and penalties), other third party costs and legal expenses, to which any of them may be subject arising out of any matter occurring:

- (i) prior to, at or after the effective time of the Arrangement ("Effective Time") and directly or indirectly relating to any of the assets of Old Lorus transferred to New Lorus pursuant to the Arrangement (including losses for income, sales, excise and other taxes arising in connection with the transfer of any such asset) or conduct of the business prior to the Effective Time;
- (ii) prior to, at or after the Effective Time as a result of any and all interests, rights, liabilities and other matters relating to the assets transferred by Old Lorus to New Lorus pursuant to the Arrangement; and
- (iii) prior to or at the Effective Time and directly or indirectly relating to, with certain exceptions, any of the activities of Old Lorus or the Arrangement.

Lorus has recorded a liability of \$150 thousand, which we believe is a reasonable estimate of the fair value of the obligation for the indemnifications provided. There have been no claims under this indemnification to date. This amount is included on the balance sheet under Accrued Liabilities.

Financial Instruments

The Company has classified its financial instruments as follows:

	November 30, 2008	May 31, 2008
Financial assets		
Cash and cash equivalents, consisting of term deposits, and guaranteed investment certificates, held for trading, measured at fair value	\$ 6,030	\$ 2,652
Short-term investments, held-to-maturity, recorded at amortized cost	2,705	6,304
Short-term investments, held-for-trading, recorded at fair value	480	480
Amount held in escrow, measured at amortized cost	-	600
Financial liabilities		
Accounts payable, measured at amortized cost	402	923
Accrued liabilities, measured at amortized cost	1,364	1,194
Secured convertible debentures, measured at amortized cost	13,510	12,742

Financial risk management

The Company has exposure to credit risk, liquidity risk and market risk. The Company's Board of Directors has the overall responsibility for the oversight of these risks and reviews the Company's policies on an ongoing basis to ensure that these risks are appropriately managed.

Credit risk

Credit risk is the risk of financial loss to the Company if a customer, partner or counterparty to a financial instrument fails to meet its contractual obligations, and arises principally from the Company's cash and cash equivalents and short-term investments. The carrying amount of the financial assets represents the maximum credit exposure.

The Company manages credit risk for its cash and cash equivalents and short-term investments by maintaining minimum standards of R1 low or A low investments and Lorus invests only in highly rated Canada and U.S. corporations with debt securities that are traded on active markets and are capable of prompt liquidation.

Liquidity risk

Liquidity risk is the risk that the Company will not be able to meet its financial obligations as they come due. To the extent that the Company does not believe it has sufficient liquidity to meet its current obligations, the Board considers securing additional funds through equity, debt or partnering transactions. The Company manages its liquidity risk by continuously monitoring forecasts and actual cash flows.

Market risk

Market risk is the risk that changes in market prices, such as interest rates, foreign exchange rates, and equity prices will affect the Company's income or the value of its financial instruments.

The Company is subject to interest rate risk on its cash and cash equivalents and short-term investments and secured convertible debentures. The Company does not believe that the results of operations or cash flows would be affected to any significant degree by a sudden change in market interest rates relative to interest rates on the investments, owing to the relative short-term nature of the investments. The secured convertible debentures accrue interest at a rate of prime + 1%. A change of 100 basis points in the prime interest rate would have increased (decreased) equity and net income by approximately \$38 thousand (\$38 thousand) for the quarter ended November 30, 2008. This analysis assumes all other variables remain constant.

Financial instruments potentially exposing the Company to foreign exchange risk consist principally of accounts payable and accrued liabilities. The Company holds minimal amounts of U.S. denominated cash, purchasing on an as needed basis to cover U.S. denominated payments. At November 30, 2008 U.S. denominated accounts payable and accrued liabilities amounted to \$390 thousand. Assuming all other variables remain constant, a 10% depreciation or appreciation of the Canadian dollar against the U.S. dollar would result in an increase or (decrease) in net loss and comprehensive loss of \$39 thousand (\$39 thousand). The Company does not have any forward exchange contracts to hedge this risk.

The Company does not invest in equity instruments of other corporations other than a 19% interest held in Zor Pharmaceuticals that holds the license of Virulizin. The Company paid a nominal fee for this equity interest and is not exposed to any losses in excess of this nominal amount. However, changes in the Company's equity price could impact its ability to raise additional capital.

Outlook

Until one of our drug candidates receives regulatory approval and is successfully commercialized, Lorus will continue to incur operating losses. The magnitude of these operating losses will be largely affected by the timing and scope of future research and development, clinical trials and other development activities related to the Company's lead products, as well as any new initiatives. Finally, the duration of the operating losses will depend on the scientific results of such clinical trials. As mentioned above Lorus has a \$15 million convertible debenture due on October 6, 2009 for which it does not currently have the cash and cash equivalents to satisfy this obligation.

TRANSACTIONS WITH RELATED PARTIES

During the three months ended November 30, 2008 Lorus expensed consulting fees of \$9 thousand (2008 - \$nil) to a director of Lorus and for the six months ended November 30, 2008, we expensed consulting fees of \$12 thousand (2008 - \$nil) to the same director. At November 30, 2008 \$12 thousand (2008 - \$nil) remained payable and is included in Accrued Liabilities on the balance sheet.

This transaction was in the normal course of business and has been measured at the exchange amount, which is the amount of consideration established and agreed by the related parties.

RISK FACTORS

Before making an investment decision with respect to our common shares, you should carefully consider the following risk factors, in addition to the other information included or incorporated by reference into this report. The risks set out below are not the only risks we face. If any of the following risks occur, our business, financial condition, prospects or results of operations would likely suffer. In that case, the trading price of our common shares could decline and you may lose all or part of the money you paid to buy our common shares.

Please refer to the MD&A included in our 2008 Annual Report for a complete discussion of risks and uncertainties.

- The cash and cash equivalents on hand are not sufficient to repay the debentures at maturity. If we cannot repay or refinance the debentures at or prior to maturity, the lender may, at its discretion: commence legal action; take possession of our assets; carry on our business; appoint a receiver; and take any other action permitted by law to obtain payment.
- Our current capital resources are not sufficient to fund our long-term business strategy or to repay our convertible debentures. We need to raise additional capital. We cannot assure you that additional funding will be available at all or on terms which are acceptable to us or in amounts that will enable us to carry out our business plan.
- We have a history of operating losses. We expect to incur net losses and we may never achieve or maintain profitability.
- We may be unable to obtain partnerships for one or more of our product candidates which could curtail future development and negatively impact our share price.
- Clinical trials are long, expensive and uncertain processes and Health Canada or the FDA may ultimately not approve any of our product candidates. We may never develop any commercial drugs or other products that generate revenues.
- We may violate one or more of the operational covenants related to our convertible debentures that could result in an event of default and the requirement for early payment of our convertible debentures.

- As a result of intense competition and technological change in the pharmaceutical industry, the marketplace may not accept our products or product candidates, and we may not be able to compete successfully against other companies in our industry and achieve profitability.
- We may be unable to obtain patents to protect our technologies from other companies with competitive products, and patents of other companies could prevent us from manufacturing, developing or marketing our products.
- Our products and product candidates may infringe the intellectual property rights of others, which could increase our costs.
- Our share price has been and may continue to be volatile and an investment in our common shares could suffer a decline in value.
- Future sales of our common shares by us or by our existing shareholders could cause our share price to fall.
- Conversion of our secured convertible debentures will dilute the ownership interest of existing shareholders.

CRITICAL ACCOUNTING POLICIES

Critical Accounting Policies and Estimates

Our accounting policies are in accordance with Canadian GAAP including some that require management to make assumptions and estimates that could significantly affect the results of operations and financial position. The significant accounting policies that we believe are the most critical in fully understanding and evaluating the reported financial results are disclosed in the MD&A section of our 2008 annual report. As well, our significant accounting policies are disclosed in Note 3, *Significant Accounting Policies*, of the notes to the financial statements of Lorus provided in our annual report for the fiscal year ended May 31, 2008.

Recently Adopted Accounting Recommendations

Effective June 1, 2008, the Company adopted the following accounting policies:

Accounting changes:

Effective June 1, 2008, the Company adopted the Accounting Standards Board's ("AcSB") replacement of Section 1506, Accounting Changes. The new standard allows for voluntary changes in accounting policy only when they result in the financial statements providing reliable and more relevant information; requires changes in accounting policy to be applied retrospectively unless doing so is impracticable; requires prior period errors to be corrected retrospectively; and calls for enhanced disclosures about the effects of changes in accounting policies, estimates and errors on the financial statements. The adoption of this standard did not have any impact on the Company's financial statements during the three and six month periods ended November 30, 2008.

Capital disclosures:

Effective June 1, 2008, the Company adopted the new recommendations of the Canadian Institute of Chartered Accountants ("CICA") Handbook Section 1535, Capital Disclosures ("Section 1535"). Section 1535 establishes standards for disclosing information about an entity's capital and how it is managed. It requires the disclosure of information about: (i) an entity's objectives, policies and processes for managing capital; complied with any capital requirements; and if it has not complied, the consequences of such non-compliance. The Company has included disclosures recommended by Section 1535 in note 3 of the financial statements.

Financial instruments:

Effective June 1, 2008, the Company adopted the new recommendations of CICA Handbook Section 3862, Financial Instruments- Disclosures ("Section 3862") and Handbook Section 3863, Financial Instruments - Presentation ("Section 3863"). Section 3862 requires entities to provide disclosures in their financial statements that enable users to evaluate the significance of financial instruments on the entity's financial position and its performance and the nature and extent of risks arising from financial instruments to which the entity is exposed during the period and at the balance sheet date, and how the entity manages those risks. Section 3863 establishes standards for presentation of financial instruments and nonfinancial derivatives. It deals with the classification of financial instruments, from the perspective of the issuer, between liabilities and equities, the classification of related interest, dividends, losses and gains, and circumstances in which financial assets and financial liabilities are offset. The adoption of these standards did not have any impact on the classification and valuation of the Company's financial instruments. The Company has included disclosures recommended by these new Handbook Sections in note 4 of the financial statements

General standards of financial statement presentation:

In May 2007, the AcSB amended CICA Handbook Section 1400 "General Standards of Financial Statement Presentation", to change the guidance related to management's responsibility to assess the ability of the entity to continue as a going concern.

The main features of the changes are as follows:

- (i) management is required to make an assessment of an entity's ability to continue as a going concern;
- (ii) in making its assessment, management takes into account all available information about the future, which is at least, but is not limited to, twelve months from the balance sheet date;
- (iii) financial statements must be prepared on a going concern basis unless management either intends to liquidate the entity, to cease trading or cease operations, or has no realistic alternative but to do so;
- (iv) disclosure is required of material uncertainties related to events or conditions that may cast significant doubt upon the entity's ability to continue as a going concern; and
- (v) when financial statements are not prepared on a going concern basis, that fact should be disclosed, together with the basis on which the financial statements are prepared and the reason the entity is not regarded as a going concern.

The effective date of these amendments is for interim and annual financial statements relating to fiscal years beginning on or after January 1, 2008, specifically June 1, 2008 for the Company. The new disclosure requirements pertaining to this Section are contained in note 1 of the financial statements.

Recent Accounting Recommendations not yet adopted

The CICA plans to converge Canadian GAAP with International Financial Reporting Standards (IFRS) over a transition period expected to end in 2011. The impact of the transition to IFRS on the Company's financial statements has not been determined.

Section 3064, "Goodwill and intangible assets", will be replacing Section 3062, "Goodwill and other intangible assets" and Section 3450, "Research and development costs". This new section, issued in February 2008, will be applicable to financial statements relating to fiscal years beginning on or after October 1, 2008. Accordingly, the Company will adopt the new standards for its fiscal year beginning June 1, 2009. It establishes standards for the recognition, measurement, presentation and disclosure of goodwill subsequent to its initial recognition and of intangible assets by profit-oriented enterprises. Standards concerning goodwill are unchanged from the standards included in the previous Section 3062. The impact of adoption of this new section on the Company's financial statements has not been determined.

DISCLOSURE CONTROLS AND PROCEDURES

During the three-month period ended November 30, 2008, the Company has not made any significant changes in its internal controls over financial reporting that have materially affected, or are reasonably likely to materially affect, the Company's internal controls over financial reporting.

UPDATED SHARE INFORMATION

As at January 14, 2009, the Company had 252,405,000 common shares issued and outstanding and 14,269,444 common share purchase warrants convertible into an equal number of common shares. In addition, the Company had issued and outstanding 17,028,000 stock options to purchase an equal number of common shares, and a \$15 million convertible debenture convertible into common shares of Lorus at \$1.00 per share.

ADDITIONAL INFORMATION

Additional information relating to Lorus, including Lorus' 2008 annual information form and other disclosure documents, is available on SEDAR at www.sedar.com. For any information filed prior to July 10, 2007 please access the information on SEDAR for Global Summit Real Estate Inc. (Old Lorus).

LORUS THERAPEUTICS INC.**Certification of Interim Filings**

I, Aiping Young, the President and Chief Executive Officer of Lorus Therapeutics Inc. (Lorus), certify that:

1. I have reviewed the interim filings (as this term is defined in Multilateral Instrument 52-109 *Certification of Disclosure in Issuers' Annual and Interim Filings*) of Lorus for the interim period ending November 30, 2008;
2. Based on my knowledge, the interim filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, with respect to the period covered by the interim filings;
3. Based on my knowledge, the interim financial statements together with the other financial information included in the interim filings fairly present in all material respects the financial condition, results of operations and cash flows of Lorus, as of the date and for the periods presented in the interim filings.
4. The issuer's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures and internal control over financial reporting for the issuer, and we have:
 - a. designed such disclosure controls and procedures, or caused them to be designed under our supervision, to provide reasonable assurance that material information relating to the issuer, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which the interim filings are being prepared; and
 - b. designed such internal control over financial reporting, or caused it to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with the issuer's GAAP; and
5. I have caused the issuer to disclose in the interim MD&A any change in the issuer's internal control over financial reporting that occurred during the three months ended November 30, 2008 that has materially affected, or is reasonably likely to materially affect, the issuer's internal control over financial reporting.

Date: January 14, 2009

/s/ Aiping Young

Aiping Young
President and Chief Executive Officer

LORUS THERAPEUTICS INC.

Certification of Interim Filings

I, Elizabeth Williams, the Director of Finance and Acting Chief Financial Officer of Lorus Therapeutics Inc. (Lorus), certify that:

1. I have reviewed the interim filings (as this term is defined in Multilateral Instrument 52-109 *Certification of Disclosure in Issuers' Annual and Interim Filings*) of Lorus for the interim period ending November 30, 2008;
2. Based on my knowledge, the interim filings do not contain any untrue statement of a material fact or omit to state a material fact required to be stated or that is necessary to make a statement not misleading in light of the circumstances under which it was made, with respect to the period covered by the interim filings;
3. Based on my knowledge, the interim financial statements together with the other financial information included in the interim filings fairly present in all material respects the financial condition, results of operations and cash flows of Lorus, as of the date and for the periods presented in the interim filings.
4. The issuer's other certifying officers and I are responsible for establishing and maintaining disclosure controls and procedures and internal control over financial reporting for the issuer, and we have:
 - a. designed such disclosure controls and procedures, or caused them to be designed under our supervision, to provide reasonable assurance that material information relating to the issuer, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which the interim filings are being prepared; and
 - b. designed such internal control over financial reporting, or caused it to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with the issuer's GAAP; and
5. I have caused the issuer to disclose in the interim MD&A any change in the issuer's internal control over financial reporting that occurred during the three months ended November 30, 2008 that has materially affected, or is reasonably likely to materially affect, the issuer's internal control over financial reporting.

Date: January 14, 2009

/s/ Elizabeth Williams

Elizabeth Williams
Director of Finance and Acting Chief Financial Officer