



THREE-MONTH PERIOD ENDED MARCH 31, 2010

MANAGEMENT'S REPORT ON FINANCIAL POSITION AND OPERATING RESULTS

All amounts included in this report are expressed in Canadian dollars unless otherwise stated.

GENERAL

The following analysis provides a review of the Company's results of operations, financial condition and cash flows for the three-month periods ended March 31, 2010 and 2009. This analysis should be read in conjunction with the information contained in the consolidated financial statements and related notes for the years ended December 31, 2009 and 2008, appearing in the annual report of the Company, which are prepared in accordance with generally accepted accounting principles ("GAAP") in Canada.

The 2009 Annual Report of Medicago Inc. ("Medicago"), the Annual Information Form and additional information regarding the business of the Company are available on SEDAR at www.sedar.com.

The consolidated financial statements and the accompanying notes included in this quarterly report have not been subject to a review engagement by the external auditors of the Company. Currently, Medicago believes that the cost related to a review engagement of its interim financial statements exceed the benefits inherent to such a review.

FORWARD-LOOKING STATEMENTS

This report contains certain forward-looking statements with respect to the Company. These forward-looking statements, by their nature, necessarily involve risks and uncertainties that could cause actual results to differ materially from those contemplated by these forward-looking statements. We consider the assumptions on which these forward-looking statements are based to be reasonable, but caution the reader that these assumptions regarding future events, many of which are beyond our control, may ultimately prove to be incorrect since they are subject to risks and uncertainties that affect us. The information contained herein is dated as of May 13, 2010, date of the Board's approval for the MD&A and the Consolidated Financial Statements.

COMPANY OVERVIEW

Medicago is committed to providing highly effective and affordable vaccines based on proprietary Virus-Like Particles (VLPs) and manufacturing technologies. Medicago is developing VLP vaccines to protect against H5N1 pandemic influenza, using a transient expression system which produces recombinant vaccine antigens in the cells of non-transgenic plants. This technology has potential to offer advantages of speed and cost over competitive technologies. It promises to deliver a vaccine for testing rapidly after the identification and reception of genetic sequences from a pandemic strain. This production time frame has the potential to allow vaccination of the population before the first wave of a pandemic strikes and to supply large volumes of vaccine antigens to the world market.

MARKET AND ECONOMIC SITUATION OVERVIEW

The influenza vaccine market is expected to expand over \$3.7 billion by 2010. We are developing products for a growing market, with a first product (H5N1 pandemic influenza VLP vaccine) expected to be on the market in 2013 or thereafter, if all clinical phases are successfully completed and market approval is granted by the regulatory authorities.

We did not incur any losses on asset-backed commercial paper as we have never invested in such securities. Our main credit facility (BioLevier loan) runs until 2014 and we have met all related requirements thereunder. In 2010, we are of the opinion that we have the financial resources required to work towards the attainment of our objectives (See *Products in development*) for this year, despite current economic conditions.

KEY DEVELOPMENTS

CORPORATE

MEDICAGO SIGNS MOU WITH NITT PARTNERS FOR COMMERCIAL DEVELOPMENT OF INFLUENZA VACCINES IN JAPAN

In March 2010, Medicago Inc. signed a memorandum of understanding with Niigata TLO/NBRP/KUTLO-NITT to discuss and negotiate an agreement to commercialize Medicago's pandemic and seasonal influenza VLP-based vaccines in Japan and other territories. For several years, NITT Partners has been the government-approved technology transfer/licensing organization to license in state-of-the-art technologies. Under the terms of the MOU, the parties will evaluate and select an optimal deal structure with the objective of formalizing a definitive agreement.

EXERCISE OF WARRANTS

Medicago Inc.'s outstanding unexercised common share purchase warrants, issued at an exercise price of \$0.25 in connection with the March, 2008 private placement, expired on March 14, 2010. Prior to expiry, 6,435,250 warrants totalling \$1,608,812 were exercised, representing 99 per cent of those warrants. In the 2009 fiscal year 2,991,750 (\$747,937) were exercised, and the remaining 3,443,500 (\$860,875) were exercised in 2010.

MEDICAGO RECEIVES FINAL APPROVAL TO GRADUATE TO THE TSX

On April 23, 2010 Medicago announced that it has received the conditional approval from the Toronto Stock Exchange (the “**TSX**”) to graduate from the TSX Venture Exchange and list its common shares on the TSX. Medicago's common shares will commence trading on the TSX on May 14 2010 under the symbol “MDG”.

The graduation to the TSX is an important milestone for the company. The listing of the shares on the TSX is expected to enhance the visibility of the Company in the public markets, which will potentially provide greater accessibility to a broader group of investors, and increased market recognition.

EXECUTION OF A \$10 MILLION STANDBY EQUITY DISTRIBUTION AGREEMENT

On May 13, 2010, Medicago announced that it has entered into a standby equity distribution agreement (“**SEDA**”) with YA Global Master SPV Ltd. (“**YA Global**”), a fund managed by Yorkville Advisors, LLC, whereby Medicago has the option, once the Company obtains all necessary regulatory approvals, at its sole discretion, to issue and sell, and YA Global is committed to purchase, up to CAD \$10 million of common shares from Medicago (the “**Common Shares**”).

Medicago currently has the resources in place to reach its clinical milestones. The addition of this tool provides the Company with a flexible, low-cost source of capital, at a time and an amount of its choice, allowing the primary focus to remain on the execution of the development plan.

PRODUCTS IN DEVELOPMENT

H5N1 PANDEMIC INFLUENZA VLP VACCINE

In the first quarter of 2010, the Company started to work on the regulatory dossier for a phase II clinical trial to be submitted to Health Canada in the following months. If granted approval, the Company expects to initiate a phase II clinical trial in the second-half of 2010 and results would be available in the fourth quarter of 2010.

Subsequent to quarter end, Medicago received its final phase I report for its H5N1 influenza vaccine. The phase I study enrolled 48 healthy volunteers between the ages 18 to 60 who received two doses of either Medicago's vaccine at doses of 5, 10 or 20 micrograms (mcg) or a placebo. The vaccine was found to be safe, well tolerated and also induced a solid immune response at all three dose levels. There were no serious adverse reactions or allergic reactions during the study.

In addition, data for all biochemical, hematological and urinalysis assays were collected before and after each vaccination. The final results confirmed that the H5 VLP was well tolerated and safe and no statistical difference between the placebo group and the vaccine groups was seen for the above-mentioned analysis.

SEASONAL AND H1N1 VACCINES

In 2010, the Company will proceed with preclinical studies with its H1N1 pandemic vaccine candidate and expects to submit a clinical trial application (CTA) in the fourth quarter of 2010 to initiate a clinical trial. The strategy is to take advantage of the development work that will be completed for its H1N1 pandemic vaccine candidate to bolster its safety database and apply it to potentially shorten the path of approval for its seasonal vaccine candidate. Interim clinical data from the H1N1 trial, including measurements of safety and tolerability, are expected to be available by early 2011. With these data in hand and if granted approval by relevant regulatory authorities, Medicago could potentially commence a phase 2 clinical study with its seasonal vaccine candidate in 2011.

SELECTED CONSOLIDATED INFORMATION

	Three-month period ended March 31	
	2010	2009
	\$	\$
CONSOLIDATED STATEMENT OF EARNINGS		
Revenues	34,000	-
Loss for the period		
\$	3,709,000	2,625,000
Basic and diluted loss per share	0.03	0.03
CONSOLIDATED BALANCE SHEET DATA		
	As at March 31, 2010	As at December 31, 2009
	\$	\$
Cash, cash equivalents and short-term investments	11,314,000	14,333,000
Total assets	20,298,000	20,830,000
Total long-term liabilities ⁽¹⁾	15,542,000	15,488,000

(1) Total long-term liabilities include long term-debt and current portion

COMPARISON OF THE THREE-MONTH PERIODS ENDED MARCH 31, 2010 AND 2009

Consolidated statements of earnings

For the three-month period ended March 31, 2010, the Company had revenues of \$34,000 generated by the successful completion of the proof of concept contract with the United States Army Research, Development and Engineering Command laboratory specifically the Edgewood Chemical Biological Centre Research & Technology Directorate ('ECBC'). Medicago worked with ECBC to investigate the affordable production of industrial enzymes in the field of biofuels.

Research and development (R&D) expenses increased by \$1,165,000 to \$2,562,000 for the first quarter of 2010 compared to the first quarter of 2009. The increase in R&D expenses for the three-month period ended March 31, 2010 is mainly related to the upcoming Phase II study. Wage and salaries were higher (\$339,000) in the first quarter of 2010 compared to 2009 explained by hiring in the second-half of 2009 and since the beginning of 2010 of new employees required for the preparation and the production of clinical materials for the upcoming Phase II clinical study. More laboratory supplies and analysis (\$171,000) and a higher level of outsourced contract work (\$503,000) were also required to perform these activities. Outsourced contract work increased as the result of the final payments related to phase I clinical trial, work for the development of the VLPEXpress and studies for the upcoming Phase II.

Research grants and contribution increased by \$337,000 for the three-month period ended March 31, 2010. The increase is mainly explained by the grant from Quebec's Consortium for Drug Discovery (CQDM) for \$371,000 that was obtained in the second quarter of 2009. Grant from the CQDM totaled \$1,773,000 of which \$1,265,000 is still available as of March 31, 2010.

Research and development tax credits were \$165,000 for the three-month period ended March 31, 2010, \$60,000 higher than the

three-month period ended March 31, 2009. This difference is explained by the increase in R&D expenses.

General and administrative, business development and intellectual property (G&A) expenses increased by \$297,000 to \$1,190,000 for the three-month period ended March 31, 2010 compared to 2009. The increase was mainly due to an increase in license and patent related costs (\$286,000). Since 2007, Medicago has significantly expanded its IP portfolio. The Company filed several patent applications to secure its IP position on influenza VLPs made in plants. As these applications progress into national phases in multiple countries, our expenses are increasing.

Depreciation of property, plant and equipment amounted to \$170,000 for the three-month period ended March 31, 2010 an increase of \$64,000 compared with the three-month period ended March 31, 2009. This increase is explained by acquisitions of property, plant and equipment in the last quarter of 2009 and the first quarter of 2010. These acquisitions were in relation with the expansion of the manufacturing facility in order to optimize manufacturing activities and provide additional space to produce clinical-grade material for human clinical trials.

Net financial expenses amounted to \$245,000 for the three-month period ended March 31, 2010, comparable with the three-month period ended March 31, 2009.

Consolidated loss for the three-month period ended March 31, 2010 was \$3,709,000, or \$0.03 per basic and diluted share compared to a loss of \$2,625,000, or \$0.03 per basic and diluted share for the three-month period ended March 31, 2009.

Consolidated Balance Sheet

Cash, cash equivalents and short-term investments were of \$11.3 million as at March 31, 2010 a decrease of \$3.0 million from December 31, 2009. This decrease is mainly the result of loss for the three-month period net of items not affecting cash and cash equivalents for \$3,350,000 that was partly offset by the exercise of 3,443,500 warrants totaling \$861,000 since the beginning of 2010.

Total consolidated assets were of \$20.3 million as at March 31, 2010, a decrease of \$2.5 million since December 31, 2009. The variation is mainly due to a decrease in the total of cash, cash equivalents and short term investments by \$3.0 million.

Long-term debt increased by \$0.1 million to \$15.5 million, mainly the result of the theoretical interest on non-bearing interest loans.

QUARTERLY FINANCIAL DATA

	Quarters ended			
	March 31, 2010	December 31, 2009	September 30, 2009	June 30, 2009
Revenues	34,000	-	-	-
Total expenses	(\$3,743,000)	(\$3,891,000)	(\$3,163,000)	(\$2,794,000)
Loss	(\$3,709,000)	(\$3,891,000)	(\$3,163,000)	(\$2,794,000)
Basic and diluted net loss per share	(\$0.03)	(\$0.04)	(\$0.03)	(\$0.03)
	March 31, 2009	December 31, 2008	September 30, 2008	June 30, 2008
Revenues	-	-	-	\$583,000
Total expenses	(\$2,625,000)	(\$3,007,000)	(\$2,739,000)	(\$2,160,000)
Loss	(\$2,625,000)	(\$3,007,000)	(\$2,739,000)	(\$1,577,000)
Basic and diluted net loss per share	(\$0.04)	(\$0.07)	(\$0.07)	(\$0.05)

Revenues from quarter to quarter may vary significantly. They are non-recurring by nature and are generated by license agreements as well as contract research agreements. It is also important to note that historical patterns of expenses cannot be taken

as an indication of future expenses. The amount and timing of expenses and availability of capital resources vary substantially from quarter to quarter, depending on the level of R&D activities being undertaken at any one time and the availability of funding from investors and/or partners.

Revenues for Q2 of 2008 were generated by the final payment related to a non-exclusive license agreement of \$2,000,000 signed with PMI in February 2008.

The evolution in the stage of development of the Company from research to preclinical and clinical development for its H5N1 Avian Influenza VLP vaccine, the development of the cGMP process and the production of clinical materials for the Phase I explained the increase in expenses from the second quarter of 2008 onwards. Wage and salaries increased in 2009 and 2010 compared to 2008 explained by the hiring of new employees in the second half of 2008 and since the beginning of 2009 required by preclinical and clinical work related to the Phase I and now Phase II. More laboratory supplies and analysis and a higher level of outsourced contract work were also required to perform those activities.

LIQUIDITY, CASH FLOWS AND CAPITAL RESOURCES

The Company had cash, cash equivalents and short-term investments totaling \$11.3 million as at March 31, 2010, a decrease of \$3.0 million from December 31, 2009. The Company had working capital of 10.5 million as at March 31, 2010 compared to \$13.6 million as at December 31, 2009. The short-term investments do not include asset-backed commercial papers which are affected by liquidity issues. As at March 31, 2010, the Company's long-term debt amounted to \$15.5 million. Under the terms of the Bio-Levier loan agreement, the Company needs to maintain its current ratio at 1.3/1 or higher. As at March 31, 2010 this ratio stood at 4.03:1.

The Company's primary capital needs are the funds required to support its scientific research and development activities including preclinical and clinical trials, capital expenditures for the expansion of its pilot plant facilities and working capital. Medicago expects expenditures to increase in 2010 as the Company will continue to advance its programs. Management believes that existing capital resources are adequate to fund its actual plans until the second quarter of 2011.

Since its inception, the Company has financed its cash requirements primarily through issuances of securities, Research and development tax credits, government funding, cost recoveries, license agreement, contract research agreements, long-term debt and short-term debt guaranteed by its Research and development tax credits. The strategy of the Company for future funding is to find additional capital after a successful completion of the Phase II trial for its H5N1 pandemic influenza VLP vaccine. The amount of additional capital needed will depend on the cash on hand at that time and funds necessary to conduct a Phase III clinical for this vaccine. Management anticipates funding additional capital requirements primarily through additional issuance of securities and/or the potential monetization of the Company's products. (See section *RISK AND UNCERTAINTIES- Additional Financing Requirements and Access to Capital* of the Annual Information Form)

The variation of our liquidity by activities is explained below.

CONSOLIDATED STATEMENTS OF CASH FLOWS

<i>Cash flows</i>	Three-month ended March 31	
	2010	2009
Operating activities	(3,224,000)	(2,020,000)
Financing activities	855,000	(43,000)
Investing activities	2,443,000	1,390,000
Net change in cash and cash equivalents	74,000	(673,000)

Operating Activities

Cash used in operating activities increased by \$1,203,000 to \$3,224,000 for the three-month period ended March 31, 2010. This increase is mainly explained by the increase in loss, net of items not affecting cash and cash equivalents (or burn rate) for \$1,022,000 for the three-month period.

Financing Activities

Cash from financing activities increased by \$898,000 to \$855,000 for the first three months of 2010 compared to 2009. The increase is explained by the exercise of 3,443,500 warrants totalling \$861,000 since the beginning of 2010.

Investing Activities

Cash used in investing activities (excluding additions and disposal of short-term investments) increased by \$379,000 to \$653,000 in the three-month period ended March 31, 2010, related to more additions of property, plant and equipment for \$314,000.

The Company plans to invest \$1.9 million in 2010 to expand its manufacturing activities and provide additional space to produce clinical-grade material for phase II human clinical trials.

Use of proceeds of the public offering completed in December 2009

The Company completed a public offering with net proceeds of \$10,556,000 in December 2009. As of March 31, 2010 the Company had not used this amount yet.

CONTRACTUAL OBLIGATIONS

There has been no significant change in the contractual obligations of the Company as described in Medicago's 2009 annual report.

OUTLOOK FOR THE REMAINING OF 2010

We expect R&D expenses to increase in 2010 compared to 2009. Following the successful completion of a phase 1 clinical trial with its H5N1 pandemic vaccine candidate, Medicago is now preparing a regulatory dossier which will be submitted to Health Canada in the following months. If granted approval, the company will initiate a phase 2 clinical trial in 2010 and results would be available in the fourth quarter of 2010.

The Company is also proceeding with preclinical studies with its H1N1 pandemic vaccine candidate and expects to file a clinical trial application (CTA) in the fourth quarter of 2010 to initiate a clinical trial. Medicago's strategy is to take advantage of the development work that will be completed for its H1N1 pandemic vaccine candidate to bolster its safety database and apply it to potentially shorten the path of approval for its seasonal vaccine candidate. Interim clinical data from the H1N1 trial, including measurements of safety and tolerability, are expected to be available by early 2011. With these data in hand and if granted approval by Health Canada, the U.S. Food and Drug Administration, and Europe, the Middle East and Africa (EMEA), Medicago could potentially commence a phase 2 clinical study with its seasonal candidate in 2011.

Medicago's expectations are that the cash outflow will not proceed linearly through the year but will be higher in the second half of the year due to cost associated with clinical studies and the cost of the expansion of our manufacturing facility.

RELATED PARTY TRANSACTIONS AND OFF-BALANCE SHEET AGREEMENTS

There were no related party transactions and off-balance sheet agreements.

OUTSTANDING SHARE DATA

As at May 13, 2010, there were 118,215,190 common shares issued and outstanding, 7,455,612 stock options outstanding and 57,120,696 warrants outstanding.

CRITICAL ACCOUNTING POLICIES AND ESTIMATES

These financial statements have been prepared in accordance with Canadian generally accepted accounting principles. The preparation of financial statements in conformity with Canadian generally accepted accounting principles requires management to make estimates and assumptions that affect the amounts of assets and liabilities reported in the financial statements. Those

estimates and assumptions also affect the disclosure of contingencies at the date of the financial statements and the reported amounts of revenues and expenses during the year. Significant estimates are generally made in connection with the calculation of revenues, research and development expenses, stock-based compensation expense, as well as in determining future income tax assets and liabilities, the useful lives of property, plant and equipment and intangible assets with finite lives and the valuation of intangible assets, the fair value of stock options granted, and certain accrued liabilities. Estimates are based on historical experience, where relevant, and on various other assumptions that we believe to be reasonable under the circumstances. Actual results could differ from those estimates.

There have been no significant changes in the Company accounting policies and estimates since December 31, 2009. Please refer to the appropriate section of the financial statements included in our 2009 Annual Report for a complete description of our accounting policies.

NEW ACCOUNTING STANDARDS AND FUTURE ACCOUNTING CHANGES

Future accounting changes

In January 2010, the CICA published the following sections of the CICA Handbook that apply to interim and annual financial statements relating to fiscal years beginning on or after January 1, 2011.

- (a) Section 1582, "Business Combinations", which replaces the former Section 1581 with the same title, establishes accounting standards for a business combination. It provides the Canadian equivalent to International Financial Reporting Standard IFRS3, "Business Combinations".
- (b) Section 1601, "Consolidated Financial Statements", which replaces the former Section 1600 with the same title, establishes standards for the preparation of consolidated financial statements.
- (c) Section 1602, "Non-Controlling Interests". This new section establishes standards on accounting for non-controlling interests in a subsidiary in consolidated financial statements prepared subsequent to a business combination. It is equivalent to the corresponding provisions of International Accounting Standard IAS 27, "Consolidated and Separate Financial Statements".

The Company is currently evaluating the impact of these new standards on its financial statements.

International Financial Reporting Standards

In February 2008, the Accounting Standards Board ("AcSB") confirmed that Canadian GAAP for publicly accountable enterprises will be converged with IFRS effective in calendar year 2011, with early adoption allowed starting in calendar year 2009. The conversion to IFRS will be required for the Company, for interim and annual financial statements beginning on January 1, 2011 and will require the restatement for comparative figures. The Company has decided to switch to IFRS on January 1, 2011. IFRS uses a conceptual framework similar to Canadian GAAP, but there are significant differences on recognition, measurement, presentation and disclosures.

During 2008, we proceeded to establish a stage 1: *Diagnosis for the adoption of IFRS*. This diagnosis has identified the main differences between the accounting treatments applied by the Company under Canadian GAAP and the IFRS as well as the practical implications related to the measure. The differences were further classified according to their degree of complexity and by the amount of work to implement with respect to the measure.

An implementation plan for the conversion to IFRS has been prepared. The activities planned in stage 2: *Evaluation and Design* include the identification and documentation of existing differences between IFRS and Canadian GAAP in accounting and disclosure requirements, the selection of accounting policies under IFRS, including the consideration of options available under IFRS, the establishment of the effects related to the conversion on internal controls, accounting systems and other solutions and business processes, and developing a training program to help employees concerned for the transition and the continued compliance with IFRS. Finally, the stage 3, the last stage, is the implementation and the review.

During 2009, we practically completed stage 2 of our conversion to IFRS. The Company evaluated and documented the existing differences between IFRS and Canadian GAAP in accounting and disclosure requirements, the selection of accounting policies

under IFRS, including the consideration of options available under IFRS, the integration of the effects related to the conversion on internal controls, accounting systems and other solutions and business processes, and the establishment of training program to help employees concerned for the transition and the continued compliance with IFRS.

While working on stage 2, under IFRS 1 - *First-time adoption of IFRS*, we have chosen to use the prospective application where choices were available for our situation. So far we found no Standard with significant accounting impact for the Company.

During 2010, we will finalize the stage 2 and work on stage 3 for the implementation and review. Since stage 2 is not completed as of March 31, 2010, other accounting impact can be found during the course of 2010. The global implementation plan is on schedule and we are confident that everything will be in place for the conversion planned on January 1, 2011.

RISK FACTORS AND UNCERTAINTIES

There has been no significant change in the risk factors and uncertainties facing the Company as described in Medicago's 2009 Annual Information Form.

On behalf of management,

(signed)

Pierre Labbé, CA
Vice-president and Chief Financial Officer

(signed)

Andrew J. Sheldon
President and Chief Executive Officer

May 13, 2010

Medicago Inc.

Interim Consolidated Financial Statements
(unaudited)
March 31, 2010

Medicago Inc.

Consolidated Balance Sheets

	March 31, 2010 \$ (unaudited)	December 31, 2009 \$
Assets		
Current assets		
Cash and cash equivalents	301,856	228,039
Short-term investments (note 3)	11,012,543	14,105,198
Accounts receivable	343,809	300,566
Investment tax credits receivable	2,262,515	2,097,274
Grants receivable	10,782	37,272
Prepaid expenses	50,262	96,848
	<hr/>	<hr/>
	13,981,767	16,865,197
Security deposit on a lease agreement, 1.20%, maturing on June 1, 2010	50,000	50,000
Property, plant and equipment	5,307,908	4,941,092
Intangible assets	957,826	974,045
	<hr/>	<hr/>
	20,297,501	22,830,334
Liabilities		
Current liabilities		
Bank loans	600,000	600,000
Accounts payable and accrued liabilities	2,574,051	2,301,518
Deferred grant on research agreement	212,841	340,203
Current portion of long-term debt	84,343	83,862
	<hr/>	<hr/>
	3,471,235	3,325,583
Long-term debt (note 4)	15,457,956	15,404,017
	<hr/>	<hr/>
	18,929,191	18,729,600
Shareholders' Equity		
Share capital (note 5)	49,732,283	48,660,207
Contributed surplus	1,572,236	1,554,679
Other equity components (note 6)		
Stock option plan (note 6a)	1,057,338	956,444
Unit options (note 6b)	399,536	399,536
Warrants (note 6c)	8,704,343	8,919,515
Deficit	(60,103,887)	(56,395,186)
Accumulated other comprehensive income	6,461	5,539
	<hr/>	<hr/>
	1,368,310	4,100,734
	<hr/>	<hr/>
	20,297,501	22,830,334

The accompanying notes are an integral part of these interim consolidated financial statements.

Approved by the Board of Directors

(signed) RANDAL CHASE, PH.D.

Director

(signed) ANDREW J. SHELDON

Director

Medicago Inc.

Interim Consolidated Statements of Deficit, Accumulated Other Comprehensive Loss and Contributed Surplus

For the three-month period ended March 31, 2010 and 2009

(unaudited)

Deficit	2010	2009
	\$	\$
Balance – Beginning of period	(56,395,186)	(43,920,364)
Loss for period	(3,708,701)	(2,624,996)
Balance – End of period	<u>(60,103,887)</u>	<u>(46,545,360)</u>
Accumulated Other Comprehensive Income (Loss)	2010	2009
	\$	\$
Balance – Beginning of period	5,539	(48,384)
Other comprehensive income	922	139,210
Balance – End of period	<u>6,461</u>	<u>90,826</u>
Total deficit and accumulated other comprehensive loss	<u>(60,097,426)</u>	<u>(46,454,534)</u>
Contributed Surplus	2010	2009
	\$	\$
Balance – Beginning of period	1,554,679	1,087,608
Warrants expired	3,971	-
Stock options forfeited	13,586	7,883
Balance – End of period	<u>1,572,236</u>	<u>1,095,491</u>

Medicago Inc.

Statements of Earnings and Comprehensive loss

For the three-month period ended March 31, 2010 and 2009

(unaudited)

Statements of Earnings

	2010 \$	2009 \$
Revenues		
Revenues from research agreements	34,345	-
	<u>34,345</u>	<u>-</u>
Expenses		
Research and development	2,561,973	1,397,372
Research grants and contributions	(381,518)	(44,962)
Research and development tax credits	(165,241)	(105,000)
General and administrative, business development and intellectual property	1,190,419	892,596
Stock-based compensation	114,480	114,942
Exchange (gain) loss	(6,742)	5,820
Depreciation of property, plant and equipment	170,372	106,187
Amortization of intangible assets	16,219	13,659
Realized gain on available-for-sale investments	(2,455)	-
Financial expenses, net (note 7)	245,539	244,382
	<u>3,743,046</u>	<u>2,624,996</u>
Loss for period	<u>(3,708,701)</u>	<u>(2,624,996)</u>
Basic and diluted loss per share (note 12)	<u>(0.03)</u>	<u>(0.03)</u>

Comprehensive Income (Loss)

	2010 \$	2009 \$
Loss for period	<u>(3,709,701)</u>	<u>(2,624,996)</u>
Unrealized gain on available-for-sale investments	3,377	139,210
Reclassification of gain on available-for-sale investments realized upon sale to loss for the year	<u>(2,455)</u>	<u>-</u>
	<u>922</u>	<u>139,210</u>
Comprehensive loss for period	<u>(3,707,779)</u>	<u>(2,485,786)</u>

The accompanying notes are an integral part of these interim consolidated financial statements.

Medicago Inc.

Interim Consolidated Statements of Cash Flows

For the three-month periods ended March 31, 2010 and 2009

(unaudited)

	2010	2009
	\$	\$
Cash flows from operating activities		
Loss for the period	(3,708,701)	(2,624,996)
Items not affecting cash and cash equivalents		
Stock-based compensation costs	114,480	114,942
Depreciation and amortization	186,591	119,846
Amortization of deferred charges	29,375	29,375
Realized gain on available-for-sale investments	(2,455)	-
Interest capitalized on long-term debt	30,832	33,326
	<u>(3,349,878)</u>	<u>(2,327,507)</u>
Change in non-cash working capital items (note 8a)	<u>125,865</u>	<u>306,863</u>
	<u>(3,224,013)</u>	<u>(2,020,644)</u>
Cash flows from financing activities		
Long-term debt contracted	-	46,820
Payments on long-term debt	(5,787)	(6,536)
Exercise of warrants	860,875	-
Issue expenses	-	(83,290)
	<u>855,088</u>	<u>(43,006)</u>
Cash flows from investing activities		
Additions to short-term investments	(2,745,745)	-
Disposal to short-term investments	5,841,777	1,664,880
Additions to property, plant and equipment	(537,188)	(223,016)
Additions to intangible assets	(116,102)	(51,578)
	<u>2,442,742</u>	<u>1,390,286</u>
Net change in cash and cash equivalents	<u>73,817</u>	<u>(673,364)</u>
Cash and cash equivalents – Beginning of period	<u>228,039</u>	<u>1,091,347</u>
Cash and cash equivalents – End of period	<u>301,856</u>	<u>417,983</u>
Additional information		
Interest paid	215,805	247,256

The accompanying notes are an integral part of these interim consolidated financial statements.

Medicago Inc.

Notes to Interim Consolidated Financial Statements

March 31, 2010

(Unaudited)

1 Interim financial information

The financial information for the three-month periods ended March 31, 2010 and 2009 are unaudited. However, in the opinion of management, all adjustments necessary to present fairly the results of these periods have been recorded. The adjustments made were of a normal recurring nature. The results of the interim periods are not necessarily indicative of results which may be expected for any other interim period or for the full year.

The unaudited interim consolidated financial statements have been prepared by management in accordance with Canadian generally accepted accounting principles (GAAP), using the same accounting policies as the audited consolidated financial statements for the year ended December 31, 2009. All disclosures required for annual financial statements have not been included in these financial statements. These consolidated financial statements should be read in conjunction with the Company's most recent annual consolidated financial statements.

2 New accounting standards

Future accounting changes

In January 2009, the CICA published the following sections of the CICA Handbook that apply to interim and annual financial statements relating to fiscal years beginning on or after January 1, 2011.

- (a) Section 1582, "Business Combinations", which replaces the former Section 1581 with the same title, establishes accounting standards for a business combination. It provides the Canadian equivalent to International Financial Reporting Standard IFRS3 revised, "Business Combinations".
- (b) Section 1601, "Consolidated Financial Statements", which replaces the former Section 1600 with the same title, establishes standards for the preparation of consolidated financial statements.
- (c) Section 1602, "Non-Controlling Interests". This new section establishes standards on accounting for non-controlling interests in a subsidiary in consolidated financial statements prepared subsequent to a business combination. It is equivalent to the corresponding provisions of International Accounting Standard IAS 27, "Consolidated and Separate Financial Statements".

The Company is currently evaluating the impact of these new standards on its financial statements.

Medicago Inc.

Notes to Interim Consolidated Financial Statements

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3 Short-term investments

	March 31, 2010 \$ (unaudited)	December 31, 2009 \$
Term deposits bearing interest at annual rates ranging from 0.75% to 1.40%, maturing in December 2010	6,490,000	9,600,000
Bonds and discount notes, bearing interest at effective annual rates ranging 3.70% to 4.00%, maturing until June 2015	4,361,309	3,248,485
Money market funds	161,234	1,256,713
	<u>11,012,543</u>	<u>14,105,198</u>

4 Long-term debt

	March 31, 2010 \$ (unaudited)	December 31, 2009 \$
Loan from Investissement Québec ("Bio-Levier"), bearing interest at prime rate plus 3%, payable annually at a rate of 25% of net earnings plus depreciation and amortization generated in the preceding year over a period ending no later than December 21, 2014, secured by a senior fixed and floating charge of \$16,000,000 over all property, plant and equipment and intellectual property of the Company	(a) 15,318,648	15,318,648
Deferred financing expenses	(556,317)	(585,692)
Discounted at a rate of 20%, refundable contribution granted under the Technology Partnerships Canada program	576,543	553,850
Discounted at a rate of 20%, contribution under an innovation program, payable in annual instalments of \$60,000 until September 2013	179,082	170,942
Loan bearing interest at 8%, payable in monthly payments of \$2,118, including principal and interest, maturing in March 2011	24,343	30,131
	<u>15,542,299</u>	<u>15,487,879</u>
Less: Current portion	<u>84,343</u>	<u>83,862</u>
	<u>15,457,956</u>	<u>15,404,017</u>

(a) Under the terms of the agreement, the Company undertook to meet a current ratio exceeding 1.3:1. As at March 31, 2010, the current ratio was 4.03:1.

Medicago Inc.

Notes to Interim Consolidated Financial Statements

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5 Share capital

- Authorized
 - Unlimited number of shares, without par value, of the following classes:
 - Common shares, voting and participating
 - Preferred shares, with rights, privileges and conditions to be determined by the Board of Directors before issuance.

The share capital issued has varied as follows:

	Three-month period ended March 31 2010		Year ended December 31 2009	
	Number	\$	Number	\$
Common shares				
Balance – Beginning of year	114,771,690	48,660,207	90,324,940	37,182,667
Issued pursuant to a public offering	-	-	16,100,000	9,980,328
Issued pursuant to the exercise of warrants	3,443,500	1,072,076	8,346,750	2,853,892
Issue expenses *	-	-	-	(1,356,680)
Balance – End of year	118,215,190	49,732,283	114,771,690	48,660,207

* Issue expenses were share out between common shares and warrants pro rata to their fair value.

6 Other equity components

(a) Stock option plan

The following table summarizes the stock option activity since January 1, 2009:

	For the three-month period ended March 31 2010			For the year ended December 31 2009		
	Number	Carrying value \$	Weighted average exercise price \$	Number	Carrying value \$	Weighted average exercise price \$
Outstanding – Beginning of period	7,091,592	956,444	0.55	2,344,595	500,081	0.89
Granted	415,000	-	0.52	4,797,830	-	0.39
Exercised	-	-	-	-	-	-

Medicago Inc.

Notes to Interim Consolidated Financial Statements

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Forfeited Compensation costs for the period	(50,980)	(13,586) *	0.38	(50,833)	(7,883) *	0.83
	-	114,480	-	-	464,246	-
Outstanding – End of period	7,455,612	1,057,338	0.55	7,091,592	956,444	0.55
Options exercisable – End of period	3,611,941		0.63	2,709,094		0.75

* During the three-month period ended March 31, 2010, 50,980 stock options were forfeited (50,883 in 2009). The corresponding credit amounting to \$13,586 (\$7,883 in 2009) has been recorded as contributed surplus.

The following table summarizes information about outstanding and exercisable stock options as at March 31, 2010:

Exercise price	Stock options outstanding			Stock options currently exercisable	
	Number	Weighted average remaining contractual life (months)	Weighted average exercise price \$	Number	Weighted average exercise price \$
\$0.20	2,019,317	45	0.20	684,210	0.20
\$0.355	1,420,000	45	0.355	1,189,999	0.355
\$0.37	223,674	41	0.37	74,558	0.37
\$0.52 to \$0.66	1,244,794	66	0.60	335,380	0.65
\$0.72	1,220,033	117	0.72	-	-
\$1.00 to \$1.11	1,175,706	14	1.04	1,175,706	1.04
\$1.68	152,088	15	1.68	152,088	1.68
	7,455,612	55	0.55	3,611,941	0.63

Medicago Inc.

Notes to Interim Consolidated Financial Statements

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Assumptions used in determining stock-based compensation costs

The table below shows the assumptions used in determining stock-based compensation costs under the Black-Scholes option pricing model:

	Three-Month Ended March 31, 2010	For the year Ended December 31, 2009
Dividend yield	Nil	Nil
Expected volatility	121.5%	98.74%
Risk-free interest rate	2.86%	2.01%
Expected life (years)	5.00	4.97
Weighted average fair value of options granted at market price at the date of the grant (\$)	0.44	0.41
Weighted average fair value of options granted at a price higher than the market price at the date of the grant (\$)	-	0.23
Stock-based compensation costs	114,480	464,246

(b) Warrants

The following table summarizes the warrant activity since January 1, 2009:

	For the three-month period ended March 31 2010			For the year ended December 31 2009		
	Number	Carrying value \$	Weighted average exercise price \$	Number	Carrying value \$	Weighted average exercise price \$
Outstanding and exercisable – Beginning of year	60,628,946	8,919,515	0.49	64,933,196	8,410,743	0.39
Granted to the subscribers in connection with public offering	-	-	-	8,050,000	1,611,672	1.00
Exercised	(3,443,500)	(211,201)	0.25	(8,346,750)	(491,329)	0.28
Forfeited	(64,750)	(3,971)	0.25	(4,007,500)	(392,548)	0.75
Warrant issue expenses	-	-	-	-	(219,023)	-
Outstanding and exercisable – End of period	57,120,696	8,704,343	0.50	60,628,946	8,919,515	0.49

Medicago Inc.

Notes to Interim Consolidated Financial Statements

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(Unaudited)

The following table summarizes the information relating to warrants outstanding and exercisable as at March 31, 2010:

Exercise price	Number	Weighted average remaining contractual life (years)
\$0.270	2,000,000	0.85
\$0.405	45,000,000	0.56
\$0.700	643,877	1.10
\$1.000	8,050,000	0.66
\$1.120	1,426,819	1.42
	<hr/>	
	57,120,696	0.61

7 Financial expenses, net

	2010 \$	2009 \$
Interest on long-term debt	229,700	261,639
Interest and bank charges	17,705	18,945
Amortization of deferred financing expenses	29,375	29,375
Interest income	(31,241)	(65,577)
	<hr/>	
	245,539	244,382

8 Additional information on cash flows

(a) Change in non-cash working capital items

	2010 \$	2009 \$
Accounts receivable, grants and financing receivable	(16,753)	(37,139)
Investment tax credits receivable	(165,241)	(105,000)
Prepaid expenses	46,586	(61,980)
Accounts payable and accrued liabilities	388,635	510,982
Deferred grant on research agreements	(127,362)	-
	<hr/>	
	125,865	306,863

Medicago Inc.

Notes to Interim Consolidated Financial Statements

March 31, 2010

(Unaudited)

9 Segment information

The Company is organized under one single business segment, being the research and development of vaccines. Substantially all of the Company's property, plant and equipment and intangible assets are located in Canada.

All revenues of the year have been allocated based on the location in which the sale originated. All of them have been generated in Canada.

10 Economic dependence

100% of the revenues for the three-month period ended March 31, 2010 were with one customer.

11 Financial instruments

Fair value

The following table summarizes the fair value of financial instruments as at March 31, 2010 and December 31, 2009:

	Held for trading	Available for sale	Loans and receivables	Other financial liabilities	As at March 31, 2010	
					Carrying value	Fair value
	\$	\$	\$	\$	Total	Total
Financial assets						
Cash	301,856	-	-	-	301,856	301,856
Short-term investments	-	11,012,543	-	-	11,012,543	11,012,543
Accounts receivable	-	-	75,535	-	75,535	75,535
Security deposit	-	50,000	-	-	50,000	50,000
Grants receivable	-	-	10,782	-	10,782	10,782
	301,856	11,062,543	86,317	-	11,450,716	11,450,716
Financial liabilities						
Bank loans	-	-	-	600,000	600,000	600,000
Accounts payable and accrued liabilities	-	-	-	2,684,232	2,684,232	2,684,232
Long-term debt	-	-	-	15,542,300	15,542,300	16,098,617
	-	-	-	18,826,532	18,826,532	19,382,849

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	As at December 31, 2009					
	Held for trading \$	Available for sale \$	Loans and receivables \$	Other financial liabilities \$	Carrying value	Fair value
					Total \$	Total \$
Financial assets						
Cash	228,039	-	-	-	228,039	228,039
Short-term investments	-	14,105,198	-	-	14,105,198	14,105,198
Accounts receivable	-	-	28,359	-	28,359	28,359
Grants receivable	-	-	37,272	-	37,272	37,272
Security deposit	-	50,000	-	-	50,000	50,000
	<u>228,039</u>	<u>14,155,198</u>	<u>65,631</u>	<u>-</u>	<u>14,448,868</u>	<u>14,448,868</u>
Financial liabilities						
Bank loans	-	-	-	600,000	600,000	600,000
Accounts payable and accrued liabilities	-	-	-	2,235,849	2,235,849	2,235,849
Long-term debt	-	-	-	15,487,879	15,487,879	16,073,571
	<u>-</u>	<u>-</u>	<u>-</u>	<u>18,323,728</u>	<u>18,323,728</u>	<u>18,909,420</u>

Cash and cash equivalents and short-term investments are recorded at fair value. The fair value of other financial instruments, except long-term, debt approximates their carrying value due to their short-term maturity or to current market rates.

The fair value of long-term debt approximates its carrying value due to the current market rate for the Bio-Levier loan and due to the use of the effective interest rate method for the other loans comprised in the long-term debt.

Bank loans bear interest at variable rate. As at March 31, 2010, fluctuations of 1% in bank loans' interest rate would have a positive or negative impact of \$6,000 on loss and comprehensive loss.

The Bio-Levier loan (note 4) bears interest at variable rate. As at March 31, 2010, fluctuations of 1% in debt interest rate would have a positive or negative impact of \$153,186 on loss and comprehensive loss.

The Company believes that, with the financial resources currently at its disposal, it has sufficient cash and cash equivalents to meet its contractual liabilities until the second quarter of 2011. To meet all its contractual liabilities, the Company will need to raise additional funds in the future and will seek additional forms of debt or equity financing, but cannot provide assurance that it will be successful in doing so.

Medicago Inc.

Notes to Interim Consolidated Financial Statements

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12 Loss per share

The following table summarizes the reconciliation of the basic weighted average number of shares outstanding and the diluted weighted average number of shares outstanding used in the diluted earnings per share calculations:

	2010	2009
Basic and diluted weighted average number of shares outstanding	115,742,201	90,324,940
Dilutive effect of stock options	1,386,313	-
Dilutive effect of warrants	11,480,649	-
	<hr/>	<hr/>
Diluted weighted average number of shares outstanding	<u>128,609,163</u>	<u>90,324,940</u>

For the three-month periods ended March 31, 2010 and 2009, the diluted loss per share was the same as the basic net loss per share since the dilutive effect of stock options and warrants was not included in the calculation; otherwise the effect would have been anti-dilutive. Accordingly, the diluted loss per share for those periods was calculated using the basic weighted average number of shares outstanding.

Excluded from the 2010 calculation of diluted earnings per share were 3,327,621 stock options (5,767,245 in 2009) and 10,120,696 warrants (64,933,196 in 2009) where the exercise prices were greater than the average market price of the common shares for the year.