



## **Management's Report on Financial Position and Operating Results**

**For the three and six month periods ended June 30, 2010**



## **MANAGEMENT DISCUSSION AND ANALYSIS (“MD&A”)**

The following analysis provides a review of the unaudited consolidated interim results of operations, financial condition and cash flows for the three (“Q2 Fiscal 2010”) and six month periods ended June 30, 2010, with information compared to the three and six month periods ended June 30, 2009, respectively for Immunovaccine Inc. (“Immunovaccine” or the “Company”). This analysis should also be read in conjunction with the information contained in the audited consolidated financial statements and related notes for the nine months ended December 31, 2009 and the year ended March 31, 2009.

On September 30, 2009, Rhino Resources Inc. (“Rhino”) and ImmunoVaccine Technologies Inc. (“IVT”) completed a reverse take-over (“RTO”). Following the reverse take-over, Rhino changed its name to Immunovaccine Inc. Immunovaccine’s financial year-end was August 31<sup>st</sup>. IVT, the reverse take-over acquirer, had a financial year-end of March 31<sup>st</sup>. Companion Policy 51-102CP provides that the accounting for the new reporting issuer, Immunovaccine, should be that of the reverse take-over acquirer, with financial statements prepared and filed as if IVT has always been the reporting issuer. Subsequent to the RTO, both Immunovaccine and IVT changed their financial year-ends to December 31<sup>st</sup> to efficiently manage the time and cost of current and ongoing reporting requirements. The nature of the business of Immunovaccine and IVT renders December 31<sup>st</sup> as the most appropriate financial year-end. See additional information under “Reverse Take-over and Private Placements”.

These results have been prepared in accordance with generally accepted accounting principles (“GAAP”) in Canada. Additional information regarding the business of the Company, including the Annual Information Form, is available on SEDAR at [www.sedar.com](http://www.sedar.com).

Amounts presented in this MD&A are approximate and have been rounded to the nearest thousand except for per share data. All amounts are presented in Canadian dollars.

## **FORWARD-LOOKING STATEMENTS**

This MD&A contains certain forward-looking statements, which reflect Management’s expectations regarding the Company’s growth, results of operations, performance and business prospects and opportunities. Statements about the Company’s future plans, intentions, results, levels of activity, performance, goals, achievements or other future events constitute forward-looking statements. Wherever possible, words such as “may,” “will,” “should,” “could,” “expect,” “plan,” “intend,” “anticipate,” “believe,” “estimate,” “predict,” “potential” or the negative or other variations of these words, or other similar words or phrases, have been used to identify these forward-looking statements.

Forward-looking statements involve significant risk, uncertainties and assumptions. Many factors could cause actual results, performance or achievements to differ materially from the results discussed or implied in the forward-looking statements. These factors should be considered carefully and readers should not place undue reliance on the forward-looking statements. Although the forward-looking statements contained in this MD&A are based upon what Management believes to be reasonable assumptions, the Company cannot assure readers that actual results will be consistent with these forward-looking statements.

Actual results and developments are likely to differ, and may differ materially, from those expressed or implied by the forward-looking statements contained in this MD&A. Such statements are based on a number of assumptions which may prove to be incorrect, including, but not limited to, assumptions about: (i) general business and economic conditions; (ii) the Company’s ability to successfully develop new products; (iii) positive results of pre-clinical and

clinical tests; (iv) the availability of financing on reasonable terms; (v) the Company's ability to attract and retain skilled staff; (vi) market competition; (vii) the products and technology offered by the Company's competitors; (viii) the Company's ability to protect patents and proprietary rights; (ix) the Company's ability to manufacture its products and to meet demand; and (x) regulatory approvals.

These statements reflect Management's current beliefs and are based on information currently available to Management. The information contained herein is dated as of August 27, 2010, the date of the Board's approval for the MD&A and the Q2 Fiscal 2010 financial statements. A more detailed assessment of the risks that could cause actual results to materially differ from current expectations is contained in the section entitled "Risk Assessment" of this MD&A.

## **COMPANY OVERVIEW**

Immunovaccine is a clinical stage vaccine development company focused on the commercialization of its patented DepoVax™ vaccine delivery technology and related vaccine product candidates. The Company is currently developing vaccine product candidates for both therapeutic cancer indications and infectious diseases. The first vaccine candidate DPX-0907, a therapeutic cancer vaccine targeting breast, ovarian and prostate cancers is the furthest developed and currently treating patients in a multi-site Phase I human clinical trial in the United States. DPX-Survivac is the Company's newest therapeutic cancer vaccine and is being developed for clinical testing on solid tumors. DPX-Pseudomonas is a discovery stage vaccine candidate that targets Pseudomonas aeruginosa, a hospital acquired infection. The Company has also completed proof of concept studies and the development of a pre-clinical package to support single-dose DepoVax™ platform-based Pandemic Influenza and Hepatitis B vaccine candidates. The Company continues to strengthen its vaccine pipeline through licensing and strategic partnerships to develop therapeutic cancer and infectious disease vaccines.

Based in Halifax, Nova Scotia, the Company has 20 full-time and 3 part-time contract employees. Being involved in a scientific and technical business, the Company requires staff with significant education, training and scientific knowledge that cannot be easily recruited or replaced. As a result, the Company recruits talented expertise locally, nationally and internationally. In addition to the core team, the Company has also assembled a Scientific Advisory Board ("SAB") of experienced and internationally recognized scientific advisors to assist management in dealing with industry-related issues and how these issues may affect the Company's scientific research and product development. The common shares of the Company are listed on the TSX-V Exchange under the symbol "IMV" (see [www.sedar.com](http://www.sedar.com)).

## **DEVELOPMENT AND STRATEGY**

### *Development*

The Company commenced operations in 2000, based on animal health research pioneered at Dalhousie University in Halifax, Nova Scotia, when it was contracted by the Department of Fisheries and Oceans (Canada) to develop a contraceptive vaccine to control the seal population. The Company was able to develop an effective vaccine delivery system so that 90% of seals, 10 years after vaccination, were still contracepted after a single dose.

The Company continued its research and, in 2008, developed a lipid depot-based vaccine delivery and enhancement technology called the DepoVax™ platform, an improvement on the Company's original VacciMax® platform. The patented DepoVax™ platform is a combination of antigens and immune enhancers formulated in liposomes, and then in oil. The DepoVax™ platform creates a "depot effect" that prolongs the immune system's exposure to the vaccine, resulting in rapid, potent and long-lasting cellular and/or humoral immune responses which allow for the creation of effective, single-dose vaccines.

The platform is easy to use, chemically stable, scalable and has broad applications. The Company has tested the platform with several commercial vaccines and other vaccines currently under development such as H5N1 pandemic influenza, Hepatitis B and Acellular Pertussis (whooping cough). In all cases, the preclinical studies in animals demonstrated significantly higher immune responses after a single dose with the DepoVax™ platform when compared to two or three doses of other commercially available vaccines.

## *Strategy*

Central to the Company's strategy is the ability to leverage the patented DepoVax™ platform across multiple business models and markets at the same time. Therefore, unlike many early stage biotechnology companies, the Company is not reliant on one product for its success. The Company has identified and is pursuing a far more robust and diverse strategy across a number of markets, which Management of the Company believes will effectively give it the ability to pursue many product opportunities concurrently in the future.

Acknowledging the larger potential of the human pharmaceutical market, the Company is now focused on developing new DepoVax™ vaccines to protect and promote human health. While the Company's technology has just recently begun clinical testing in humans, it has characteristics of being at a later stage as the DepoVax™ delivery platform for human health applications has already been evaluated in not just one, but a wide variety of preclinical therapeutic cancer and infectious disease indications.

Today, the Company has made a strategic decision to focus on the broader human health market. The Company has adopted a three pronged business strategy: i) use revenues from animal health to drive human health research and development; ii) partner out the DepoVax™ vaccine platform to other companies to improve their vaccines; and iii) develop its own Company controlled vaccine products.

*Animal health* - The Company's initial research was focused on animal health and its results caught the attention of Pfizer Animal Health ("Pfizer"). In 2008, Pfizer licensed the Company's patented delivery system to develop vaccines for two indications to prevent infectious diseases in livestock. Pfizer's evaluation and acceptance of the Company's technology was an important step in validating the technology and provided its first revenues in January 2008. In November 2009, Pfizer signed a license agreement for the use of the Company's delivery technology for all cattle vaccines. Most recently, in 2010, Pfizer exercised a licensing option on the Company's delivery platform to develop a third livestock vaccine. The Company will continue to pursue additional licensing and revenue opportunities within the animal health market to help fund the Company's research and development of human health vaccine candidates.

*Vaccine improvement* - The Company intends to license the DepoVax™ technology to human health companies for certain indications and has already negotiated and signed a number of research collaboration agreements which allow other companies to apply the DepoVax™ platform to their vaccine products in development. The vaccines already covered by the existing partnership agreements include advancing seasonal and pandemic influenza, anti-anthrax vaccine, DNA vaccines, therapeutic cancer vaccines and vaccines for HIV and malaria.

*Development of in-house vaccines* - The Company is focusing its in-house research and development on developing a vaccine pipeline of therapeutic cancer and infectious disease products. Specifically, the Company is currently working toward three goals: to bring DPX-0907, a therapeutic vaccine to treat ovarian, breast and prostate cancers into Phase I clinical trials; to advance a Phase I study of EMD 640744, an investigational therapeutic survivin-based vaccine ("DPX-Survivac"), recently in-licensed from Merck KGaA ("Merck KGaA"); and to advance the Company's preclinical research in developing a Pseudomonas aeruginosa ("Pseudomonas") vaccine. Pseudomonas is a hospital-acquired infection and there are no vaccines for Pseudomonas on the market today.

### *Business model and nature of expenses*

As an early stage biotechnology company, the Company will primarily focus its limited resources on research and development activities up to and including Phase II clinical trials of potential vaccine candidates. The Company intends to partner with other companies to manufacture, commercialize, market and sell the Company's vaccine candidates.

The Company's ongoing research and development expenses ("R&D") are comprised primarily of salaries and benefits, consulting fees for various research services, third party animal care costs, peptides and other lab chemicals and supplies, lab rent, utilities and office costs, as well as travel, conferences and training, along with expenses associated with completing the DPX-0907 Phase I clinical trials and the continued development of other potential vaccine candidates.

Business development costs (“BD”) are comprised primarily of salaries and benefits, marketing and communications expenses, ongoing travel, road show and conference fees, advertising and promotions expenses, as well as the cost of services provided by outside investor relations and public relations firms. BD costs also include direct costs incurred, including legal and consulting fees, to help build and advance our pipeline of pre-clinical vaccine candidates across all three aspects of our business strategy.

General and administration (“G&A”) expenses are comprised primarily of salaries and benefits, including consulting fees for certain employees retained as consultants, professional fees related to legal, patents, audit and taxation, rent and office expenses, fees paid to the Board of Directors, regulatory fees paid to the stock exchange and to the Company’s share transfer agent, insurance, training, travel and conference fees, amortization of office equipment, as well as other operating expenses.

### *Manufacturing*

The Company has completed the scale-up and manufacturing method development for the DepoVax™ platform which it expects to be applicable to all of the Company’s subsequent human health vaccines. The Company has purchased dedicated equipment which, along with the Company’s scale-up and manufacturing methods, has been contracted out to an approved Good Manufacturing Practices (“GMP”) fill and finish facility. In 2009, the Company manufactured commercial scale vaccine batches, including 50 litres (200,000 doses) of a Hepatitis B vaccine. This accomplishment is important because historically, large-scale production of liposomes has been an industry challenge.

From May to August 2009, the Company successfully manufactured its first pilot batch of DPX-0907, after which the Company then finalized the lyophilization process for the vaccine, the final step in the manufacturing of the product. The lyophilization parameters have been established and this method has been delivered to a GMP fill and finish facility.

During the first quarter of Fiscal 2010, a clinical batch of the DPX-0907 vaccine was successfully produced and was delivered in March 2010 to the first clinical research site for the purposes of the Phase I clinical trial of the DPX-0907 vaccine.

## **PRODUCTS IN DEVELOPMENT**

The Company’s first human health vaccine candidate is a therapeutic cancer vaccine called DPX-0907 that is targeted against ovarian, breast and prostate cancer. The Company received clearance in December 2009 from the U.S Food and Drug Administration (“FDA”) to proceed with Phase I clinical trials for its therapeutic cancer vaccine DPX-0907. The Company commenced recruitment for Phase I clinical trials starting March 29, 2010, and injected the first patient on April 9, 2010.

DPX-0907 combines seven essential peptide antigens with the Company’s DepoVax™ platform. The combination of the potent delivery technology and validated antigens will reduce risk and greatly enhance the Company’s probability of developing a successful therapeutic cancer vaccine. The vaccine is designed with specificity to antigens believed to be involved in critical tumor cell processes, and is expected to kill tumor cells without injury to normal, healthy cells. Successful initiation and completion of Phase I, II and III clinical trials for DPX-0907, as well as approval from global regulatory bodies, all represent future and therefore uncertain events that could have significant impact on the Company’s business.

In addition, the Company is conducting pre-clinical studies for single-dose infectious disease vaccines such as pandemic influenza, and is in the pre-clinical research stage for *Pseudomonas aeruginosa*. Single-dose products for these indications do not exist today but would be beneficial. The Company will continue to investigate opportunities to partner with other companies to develop potential vaccines for the pandemic influenza market.

The Company will also continue to pursue additional opportunities to generate revenues by licensing its technology for additional animal health care applications.

## MARKET OVERVIEW

Vaccines are one of the fastest growing segments of the pharmaceutical industry, and the Company's market for its products is worldwide. According to industry sources, the global market has been growing, with revenues reaching US\$11 billion in 2006. Global industry revenues are expected to grow by 10.5% a year to reach US\$20 billion by 2012. Therapeutic cancer vaccines, along with development of new infectious diseases vaccines, are expected to drive the growth of the vaccine industry in the early 21st century. Currently, there are five manufacturers that dominate revenue generation in the human vaccine market: Merck, GlaxoSmithKline ("GSK"), Novartis, Sanofi Pasteur ("Sanofi") and Pfizer, through its acquisition of Wyeth. The increased revenue potential for vaccines is in part due to the improved pricing for vaccine products. For example, the Gardasil vaccine is currently selling for \$160 per dose for three doses. This represents an improvement of what used to be a fundamental economics problem within the vaccine industry.

Vaccines are not easily replaced by generic substitutes and are therefore more likely to assure a long-term income stream. Vaccines also have the potential to reduce hospital stays and drug costs, and are positively viewed by governments and health care providers. New technologies, such as those being developed by the Company, are enabling the development of vaccines not previously possible. These new vaccine products are being priced at a premium to reflect the value of the technology.

### *Therapeutic Cancer Vaccines*

Although many treatments for cancer are currently available, cancer vaccines have become promising and plausible treatment options when used in combination with surgery, chemotherapy and radiation treatments. Therapeutic cancer vaccines hold the greatest promise when tumor burden is low (i.e. for smaller tumors) and the vaccine is used to stimulate the body's immune system to eradicate residual cancer cells following first-line treatments.

On April 30, 2010, the FDA approved Provenge, a prostate cancer vaccine developed by Dendreon. This is the first therapeutic cancer vaccine approved by the FDA in the US. The Company believes that this sets the stage for the approval of other cancer vaccines that are able to train the body's immune system to destroy or reduce tumors, and will also increase awareness of the clinical development programs of other companies, like Immunovaccine, working on vaccine treatments for cancer.

Cancer vaccines may, in the Company's opinion, hold a lot of promise for effective cancer treatment as well as potential profit generation. IMS Health Inc. estimates that sales for oncology treatments will grow to US\$75 billion by 2012 due, in part, to the introduction of cancer vaccines. The Company is of the belief that, over the next five years, cancer vaccines will become part of a multi-targeted approach to the treatment of cancer.

### *Pseudomonas aeruginosa*

*Pseudomonas* has become an important cause of infection, especially in patients with compromised host defense mechanisms. Pseudomonal infections are complicated and can be life threatening. According to the Centers for Disease Control and Prevention ("CDC"), the overall prevalence of *Pseudomonas* infections in US hospitals is approximately 4 per 1000 discharges (0.4%). Patients predisposed to pseudomonal infections include immunosuppressed diabetics, cancer patients, burn victims as well as individuals with cystic fibrosis, chronic obstructive pulmonary disease and neonates. Pseudomonal endocarditis may cause brain abscess and congestive heart failure, while Pseudomonal bacteremia can cause septic shock and death. Vaccines for prevention of infection are in development but an independent study looking at some current trial outcomes for patients with cystic fibrosis does not recommend the use of any vaccine currently in development due to severe side effects. There is therefore a need to develop a prophylactic *Pseudomonas aeruginosa* vaccine.

### *Animal Health Market*

According to industry sources, the world animal health market, defined as a sector spanning veterinary pharmaceuticals, biologicals and medicated feed additives, is approximately US\$17.4 billion. The US is the dominant market in the sector, generating 36% of the entire global total. No other national market is responsible for a share of more than 7%. Looking forward, industry sources suggest the United States (the “US”) will be responsible for 40% of global market growth, and will reach US\$8 billion by 2010. The animal vaccine market, subdivided into livestock, companion animal and other smaller segments including equine, poultry and aquatic, made up approximately 20% of the total animal health market (approximately US\$3.4 billion).

The worldwide livestock vaccine market is comprised of primarily cattle vaccines, along with, to a lesser extent, vaccines for sheep, and other food animals. Of this market, industry sources suggest the worldwide cattle vaccine market is estimated to be approximately US\$1 billion. The companion animal vaccine market therefore represents the majority of the remaining market, or US\$2.4 billion. There are only a few players in the animal vaccine market including Pfizer, Boehringer Ingelheim, Merial, Intervet/Schering-Plough Animal Health, Novartis and AgriLabs. While the livestock vaccine market is based on high volumes and lower pricing, the companion animal market is less sensitive to price and is focused on safety of the products. The majority of today’s vaccines for both market segments require booster administrations, which increases the handling costs for the livestock market and has the potential to decrease safety in the companion animal market. Therefore, a vaccine which requires fewer doses (one dose, in some cases) for efficacy could be a significant innovation and have the potential to replace existing products in both segments.

### **RECENT DEVELOPMENTS AND OUTLOOK**

Unlike many early stage biotech companies, the Corporation is not reliant on one product for its success. This strategy effectively provides the Company with the ability to pursue many product opportunities concurrently.

However, as DepoVax™ is central to all three prongs of our business strategy, a strategic priority for the Company has been to advance our DepoVax™ platform into human clinical trials as quickly as possible to obtain safety data in humans. Obtaining positive safety data in humans would allow for the ability to accelerate business development efforts and also increase the visibility of the Company.

The Company therefore reached a major milestone when, on March 29, 2010, it announced that it had started screening patients for its Phase I clinical trial, investigating the Company’s therapeutic cancer vaccine, DPX-0907 (which is formulated in DepoVax™), as a treatment for patients with breast, ovarian and prostate cancer. This achievement included the following key elements:

- The vaccine product candidate was transferred to the first clinical site that has received Institutional Review Board (“IRB”) approval;
- Patient recruitment for the Phase I clinical trial had commenced by the end of the first quarter of 2010;
- The first patient was injected on April 9, 2010; and
- Additional IRB approvals are expected in the coming months to expand patient recruitment.

During the six month period ended June 30, 2010, the Company also continued to further its efforts to raise awareness of the Company and its technology, identifying additional partnerships, and identifying funding opportunities.

### *Key Developments and Achievements*

- On February 2, 2010, the Company announced that it had engaged SectorSpeak Inc. to assist with its investor relations activities, namely to introduce the Company to institutional investors and analysts, organize investor road shows and generally assist in corporate communication.

- On February 8, 2010, the Company announced that it was being invited to present at the Canada - US Partners in Biomedical Defense II Conference in Washington, D.C. on March 24, 2010. At the conference the Company presented positive new research, done in collaboration with Defence Research and Development Canada (DRDC), confirming the number of required doses for an anthrax vaccine candidate can be reduced when formulated in DepoVax™. The new research shows that one dose of anthrax antigen, when formulated in DepoVax™, is able to raise antibody levels that are 10 times higher on average than a comparable alum-adsorbed anthrax vaccine.
- On February 23, 2010, the Company announced the addition of Mr. James Hall as a member of the Board of Directors. Mr. Hall will also serve as Chairman of the Company's Audit Committee.
- On March 2, 2010, the Company announced that Pfizer had exercised a licensing option on the Company's vaccine enhancement and delivery platform to develop a third livestock vaccine.
- On March 19, 2010, the Company was successful in securing a non-repayable \$50,000 grant from the Atlantic Canada Opportunities Agency ("ACOA") towards certain research salaries in 2010. Also during March 2010, the Company was able to extend the expiry date of its existing business development loan with ACOA for an extra twelve months. This will provide the Company with additional time to potentially access up to \$107,000 of additional funding that will be used towards business development activities.
- On April 5, 2010, the Company announced the publication of data from a preclinical study with its candidate cancer vaccine, DPX-0907, in human class I MHC transgenic mice. The study compares the Company's novel DepoVax™ vaccine platform to a vaccine formulation commonly used to deliver peptide antigens in the clinic today. The study shows that the Company's DepoVax™ platform promotes antigen specific immune responses, however, unlike the control vaccine, the DepoVax™ formulation does not induce problematic immune regulatory responses.
- On April 22, 2010, the Company announced it had signed a collaborative agreement with the Dana-Farber Cancer Institute, a principal teaching affiliate of the Harvard Medical School. The research collaboration involves formulating Dana-Farber's HIV protein antigens in the Company's DepoVax™ vaccine enhancement and delivery platform. The goal of this preclinical research is to establish whether this novel vaccine formulation will induce a stronger immune response. Dana-Farber Cancer Institute ([www.dana-farber.org](http://www.dana-farber.org)) is a principal teaching affiliate of the Harvard Medical School and a federally designated Center for AIDS Research. It is also a founding member of the Dana-Farber/Harvard Cancer Center (DF/HCC) and designated comprehensive cancer center by the National Cancer Institute.
- On May 12, 2010, Mr. Paul Kirkconnell was elected to the Board of Directors.
- On June 7, 2010, the Company announced that it had signed a collaborative research agreement with Vaxil BioTherapeutics ("Vaxil") to explore the efficacy of Vaxil's cancer antigens in the Company's DepoVax™ vaccine platform. Vaxil, based in Israel, is a pioneer in the development of novel T-cell synthetic vaccines for both therapeutic and prophylactic use.
- On June 9, 2010, the Company announced the appointment of Keith Abriel, CA, CFA, as acting Chief Financial Officer, with immediate effect, following the departure of Chief Financial Officer, Mr. Gary Dodge, CA on June 7, 2010. Mr. Abriel will fulfill the role of acting Chief Financial Officer until a permanent appointment is made.
- On June 29, 2010, the Company announced that it had signed a research agreement with Oncothyreon Inc. ("Oncothyreon") to formulate Oncothyreon's ONT-10, a therapeutic vaccine product candidate, in the Company's DepoVax™ vaccine platform for preclinical testing. Oncothyreon, based in Seattle, is recognized for developing innovative oncology immunotherapeutics.
- On July 12, 2010, the Company announced that it had entered into an agreement with Merck KGaA to in-license EMD 640744, an investigational therapeutic survivin-based cancer vaccine, DPX-Survivac,

designed to target multiple solid tumors and hematological malignancies, pursuant to which the Company intends to build on the current on-going Phase I study for EMD 640744 by formulating DPX-Survivac in its DepoVax™ vaccine platform. The license agreement grants the Company exclusive worldwide rights, under issued patents and patent applications, to develop and commercialize DPX-Survivac for multiple cancer indications. Under the terms, the Company will pay Merck KGaA success-based milestones payments and royalties as a percentage of product sales. Merck KGaA, based in Darmstadt, Germany, is a global pharmaceutical and chemical company with total revenues of approximately € 7.7 billion in 2009 and approximately 33,600 employees in 64 countries according to its public filings.

- On July 29, 2010, the Company announced that Mr. Albert Scardino joined its Board of Directors.
- On August 11, 2010, the Company announced that it had filed a preliminary short form prospectus in connection with a marketed offering of Units of the Company (the “Offering”). Each Unit will consist of one common share of the Company and one-half of one common share purchase warrant (the “Warrant”). Each whole Warrant will entitle the holder to acquire one common share of the Company upon payment of the exercise price for a period of 36 months following the closing of the Offering. The price of the Units will be determined in the context of the market, with final pricing, determination of the number of Units to be sold pursuant to the Offering, and the exercise price and terms of the Warrants will be disclosed immediately prior to the filing of the final short form prospectus in respect of the Offering. The Company will also grant the agents an option (the “Agents’ Option”) to purchase additional Units in an amount up to 15% of the number of Units sold pursuant to the Offering, exercisable in whole or in part at any time up to 30 days after the Closing. The Company will pay an agent’s commission of 6.0% of the gross proceeds in cash and issue compensation options equal to 6% of the aggregate number of Units issued by the Company pursuant to the financing. Each compensation option gives the holder the right to purchase one common share upon payment of the exercise price for a period of 24 months following the closing. The Offering is expected to close in September 2010.
- On August 27, 2010, Brian Lowe resigned as Vice-President and Corporate Secretary of the Company.

## **Outlook**

To date, much interest has already been shown in the broad range of potential applications for the Company’s DepoVax™ delivery platform. Positive results have been achieved in pre-clinical models ranging from certain forms of cancer, to hepatitis and anthrax.

The Company will continue to refine and focus its research activities on those candidates that show the most compelling technical results combined with identified commercial opportunities. The Company has performed pre-clinical proof of concept for vaccines in a number of infectious disease indications such as hepatitis B, pandemic influenza and anthrax. However, the Company does not currently have the resources to progress these candidates into clinical development. It will, however, continue to look for partners that have access to the specific antigens and who are interested in advancing these products. Additionally, use of the Company’s platform is still in the early discovery stage for delivering various DNA based vaccines. While some initial promising results have been observed, the Company has found DNA vaccines to be vastly more complex and difficult, therefore additional research on DNA vaccines will be ongoing to address this important product area.

With the Phase I clinical trial now underway, the Company intends to leverage this positive achievement to accelerate its business development efforts, as many new doors have been opened to the Company now that it has reached the clinical stage. The in-licensing of DPX-Survivac is an example of this strategy. Over the upcoming quarters, the Company intends to continue to pursue opportunities to expand the Company’s pipeline of in-house vaccines, as well as enter into deals to use DepoVax™ to deliver and improve vaccine candidates that are controlled by others.

## SUMMARY OF QUARTERLY RESULTS

The Company changed its fiscal year end date from March 31 to December 31, with the period ended December 31, 2009 representing the transition year.

Quarter Ended In	Total Revenue \$	Total Expenses \$	Loss \$	Basic and Diluted Loss Per Share \$
Q2 - June 30, 2010	6,000	1,808,000	(1,802,000)	(0.04)
Q1 - March 31, 2010	58,000	1,556,000	(1,498,000)	(0.03)
Q3 - December 31, 2009*	971,000	1,317,000	(346,000)	(0.01)
Q2 - September 30, 2009*	449,000	853,000	(404,000)	(0.01)
Q1 - June 30, 2009	-	914,000	(914,000)	(0.03)
Q4 - March 31, 2009	-	1,007,000	(1,007,000)	(0.03)
Q3 - December 31, 2008	-	1,062,000	(1,062,000)	(0.03)
Q2 - September 30, 2008	106,000	955,000	(849,000)	(0.03)

(\*) – Reported revenue, loss and loss per share reflect the impact of the Company's early adoption during the nine month period ended December 31, 2009, of EIC-175 "Multiple Deliverable Revenue Arrangements".

### Results for the three month period ended June 30, 2010 ("Q2 Fiscal 2010"), compared to the three month period ended June 30, 2009.

#### Net loss and comprehensive loss

As a result of increased operating expenses as discussed below, net loss and comprehensive loss increased from a loss of \$914,000 during the three month period ended June 30, 2009, to a loss of \$1,802,000 in Q2 Fiscal 2010, an increase of \$888,000. Of this increase, approximately \$298,000 related to the increased expenses associated with the Phase I clinical trial, \$238,000 related to increased business development expenditures and \$115,000 related to an increase in stock-based compensation (a non-cash expense). The remaining increase of \$237,000 related primarily to increased administrative and regulatory costs associated with being a reporting issuer.

#### Revenues

During Q2 Fiscal 2010, the Company recognized approximately \$6,000 in revenues from animal health (three month period ended June 30, 2009 - \$nil). The entire amount of \$6,000 related to the recognition of revenues that had been deferred until the services were completed.

All revenues recognized to date have been earned through the Company's animal healthcare activities and relate to potential animal vaccines that are being developed by another company that has licensed the Company's technology. As the animal vaccine candidates to which these licenses relate have not yet achieved final commercialization, the amount and timing of future revenues from animal healthcare are dependent on continued future development.

#### Operating expenses

Overall operating expenses increased by \$844,000 (85%) during Q2 Fiscal 2010 compared to the three month period ended June 30, 2009. Explanations of the nature of costs incurred, along with explanations of changes in those costs are discussed below.

#### *Research and Development Expenses ("R&D")*

R&D expenses include salaries and benefits, expenses associated with the Phase I clinical trial for DPX-0907, consulting fees paid to various independent contractors who possess specific expertise required by the Company, the cost of animal care facilities, lab supplies, peptides and other chemicals, rental of lab facilities, insurance, as well as other R&D related expenses.

The majority of the Company's R&D efforts and related expenses for Q2 Fiscal 2010 continued to be focused on the commencement of the Company's Phase I clinical trial of DPX-0907. The remaining R&D costs related to the Company's ongoing R&D activities associated with the investigation, analysis and evaluation of other potential vaccine candidates and technologies.

Total R&D expenses of \$854,000 for Q2 Fiscal 2010 represented a \$301,000 (54%) increase over the three month period ended June 30, 2009. The largest component of R&D expense was direct expenses associated with the Phase I clinical trial of \$298,000 (three month period ended June 30, 2009 - \$nil). These expenses were incurred as required under the clinical trial timelines. Total R&D salaries and benefits of \$205,000 during Q2 Fiscal 2010 represented no change when compared to the three month period ended June 30, 2009. Expenses related to third party consultants were \$141,000 in Q2 Fiscal 2010 (three month period ended June 30, 2009 - \$109,000). Non-repayable government grants are recorded as a reduction in the related salary expense during the period earned and were approximately \$69,000 during Q2 Fiscal 2010 (three month period ended June 30, 2009 - \$nil). Expenses for animal care facilities and lab chemicals in Q2 Fiscal 2010 of \$53,000 and \$39,000, respectively, represented an increase of \$16,000 and a decrease of \$51,000, respectively, over the three month period ended June 30, 2009.

#### *General and Administrative Expenses ("G&A")*

G&A expenses of \$500,000 represented 27% of total expenses for Q2 Fiscal 2010 compared to \$310,000 (31% of total expenses) for the three month period ended June 30, 2009. Overall G&A expenses increased by \$190,000 (61%) compared to the three month period ended June 30, 2009. The ongoing level of G&A expenses within the Company have increased due primarily to increased professional services and regulatory expenses associated with being a reporting issuer.

The most significant components of G&A expenses are professional fees and salaries and benefits. Professional fees for Q2 Fiscal 2010 of \$198,000 (three month period ended June 30, 2009 - \$116,000) included approximately: \$80,000 in costs to maintain and expand the Company's patent portfolio; \$85,000 in respect of audit, accounting, taxation and other consulting services provided by the Company's auditors; and approximately \$33,000 in general legal and other professional fees. During the three month period ended June 30, 2009, patent related costs, accounting and related costs, and general legal and other professional costs were approximately \$15,000, \$63,000 and \$38,000, respectively.

G&A expenses related to salaries and benefits for Q2 Fiscal 2010 were approximately \$162,000 compared to \$88,000 for the three month period ended June 30, 2009. The increase of \$74,000 is primarily related to a payment of approximately \$70,000 paid to the former Chief Financial Officer who left in Q2 Fiscal 2010.

Also included in G&A expenses for Q2 Fiscal 2010 was a foreign exchange gain of \$25,000 related to US funds held by the Company and \$19,000 in regulatory filing fees. These amounts were not incurred during the three month period ended June 30, 2009.

Other Q2 Fiscal 2010 G&A expenses included consulting fees of \$55,000 (three month period ended June 30, 2009 - \$24,000). The increase primarily relates to the addition of a part-time Human Resource consultant during Q1 Fiscal 2010. The Company also incurred directors' fees and costs of \$42,000 compared to \$9,000 during the three months ended June 30, 2009 as the Company increased directors' fees during Q1 Fiscal 2010.

#### *Business Development Expenses ("BD")*

The Company continued to expand its business development activities during Q2 Fiscal 2010. Total BD expenses of \$339,000 represented an increase of \$238,000 compared to the three month period ended June 30, 2009. Included in this increase were \$137,000 in legal fees and \$51,000 in consulting fees directly related to expanding the Company's vaccine pipeline, leading to the completion of both the Merck KGaA and Oncothyreon agreements. Approximately \$36,000 of the increase related to the hiring of both an independent investor relations firm and an independent public relations firm. These expenses were not incurred during the three month period ended June 30, 2009.

During Q2 Fiscal 2010, the Company attended a greater number of trade conferences and also conducted a number of investor awareness road shows. As a result, expenses related to travel and conferences increased from \$13,000 in the three month period ended June 30, 2009 to \$58,000 in Q2 Fiscal 2010.

#### *Stock-based compensation*

Stock-based compensation increased by \$115,000 to \$144,000 during Q2 Fiscal 2010 compared to the three month period ended June 30, 2009. The increase was due primarily to the increased number of presently vesting options when compared to the three month period ended June 30, 2009, when there were a smaller number of unvested options outstanding.

#### *Investment tax credits*

As of October 1, 2009, when the Company became a public corporation, its level of refundable investment tax credits decreased from approximately 44% to 15% of eligible expenditures as it no longer qualifies for the refundable federal portion of the investment tax credits. As a result, the total amount recorded during Q2 Fiscal 2010 was \$29,000 compared to approximately \$80,000 during the three month period ended June 30, 2009.

### **Results for the six month period ended June 30, 2010, compared to the six month period ended June 30, 2009.**

#### **Net loss and comprehensive loss**

For the six month period ended June 30, 2010 and as a result of increased operating expenses as discussed below, the net loss and comprehensive loss increased to \$3,300,000 from a loss of \$1,921,000 during the six month period ended June 30, 2009, an increase of \$1,379,000. The most significant components of the increase included approximately \$632,000 related to the increased expenses associated with the Phase I clinical trial, \$328,000 related to increased business development expenditures and \$342,000 related to an increase in non-cash stock-based compensation.

#### **Revenues**

During the six month period ended June 30, 2010, the Company recognized approximately \$64,000 in revenues from animal health (six month period ended June 30, 2009 - \$nil). Of this, \$52,000 was for a non-refundable up front license fee related to the signing of a new license agreement. The remaining \$12,000 related to the recognition of revenues that had been deferred until the services were completed.

All revenues recognized to date have been earned through the Company's animal healthcare activities and relate to potential animal vaccines that are being developed by another company that has licensed the Company's technology. As the animal vaccine candidates to which these licenses relate have not yet achieved final commercialization, the amount and timing of future revenues from animal healthcare are dependent on continued future development.

#### **Operating expenses**

Operating expenses increased by \$1,339,000 (65%) during the six months ended June 30, 2010 compared to the six month period ended June 30, 2009. Explanations of the nature of costs incurred, along with explanations of changes in those costs are discussed below.

#### **Research and Development Expenses ("R&D")**

R&D expenses include salaries and benefits, expenses associated with the Phase I clinical trial for DPX-0907, consulting fees paid to various independent contractors who possess specific expertise required by the Company, the cost of animal care facilities, lab supplies, peptides and other chemicals, rental of lab facilities, insurance, as well as other R&D related expenses.

The majority of the Company's R&D efforts and related expenses for the six month period ended June 30, 2010 continued to be focused on the commencement of the Company's Phase I clinical trial of DPX-0907. The remaining R&D costs related to the Company's ongoing R&D activities associated with the investigation, analysis and evaluation of other potential vaccine candidates and technologies.

R&D expenses of \$1,621,000 incurred during the six month period ended June 30, 2010 represented an increase of \$377,000 (30%) over the six month period ended June 30, 2009. The largest component of R&D expense were direct expenses associated with the Phase I clinical trial of \$632,000 (six month period ended June 30, 2009 - \$nil). These expenses were incurred as required under the clinical trial timelines. Total R&D salaries and benefits of \$396,000 incurred during the six month period ended June 30, 2010 represented a decrease of approximately \$10,000 when compared to the six month period ended June 30, 2009. Expenses related to third party consultants were \$259,000 during the six month period ended June 30, 2010 (six month period ended June 30, 2009 - \$232,000). Non-repayable government grants are recorded as a reduction in the related salary expense during the period earned and were approximately \$122,000 during the six month period ended June 30, 2010 (six month period ended June 30, 2009 - \$16,000). Expenses for animal care facilities and lab chemicals were \$81,000 and \$16,000, respectively, and represented an increase of \$10,000 and a decrease of \$117,000, respectively, over the six month period ended June 30, 2009. The significant decrease in the lab chemical expense was due to the scale-up manufacturing of a clinical batch of DPX-0907 which was being completed during the six month period ended June 30, 2009. Similar expenses were not incurred during the six month period ended June 30, 2010. Additionally, the Company records recoveries of research expenditures as a reduction in the related R&D expenses. During the six month period ended June 30, 2010, the Company recovered \$41,000 of research expenses (six month period ended June 30, 2009 - \$10,000).

#### *General and Administrative Expenses ("G&A")*

G&A expenses of \$889,000 represented 26% of total expenses for the six month period ended June 30, 2010 compared to \$597,000 (29% of total expenses) for the six month period ended June 30, 2009. Overall G&A expenses increased by \$292,000 (49%) compared to the six month period ended June 30, 2009. The ongoing level of G&A expenses within the Company have increased due primarily to increased professional services and regulatory expenses associated with being a reporting issuer.

The most significant components of G&A expenses are professional fees and salaries and benefits. Professional fees for the six month period ended June 30, 2010 of \$313,000 (six month period ended June 30, 2009 - \$248,000) included approximately \$93,000 in costs to maintain and expand the Company's patent portfolio; \$134,000 in respect of audit, accounting, taxation and other consulting services provided by the Company's auditors; and approximately \$86,000 in general legal and other professional fees. During the six month period ended June 30, 2009, patent related costs, accounting and related costs, and general legal and other professional costs were approximately \$29,000, \$132,000 and \$87,000, respectively.

G&A expenses related to salaries and benefits for the six month period ended June 30, 2010 were approximately \$271,000 compared to \$174,000 for the six month period ended June 30, 2009. The increase of \$97,000 includes a payment of approximately \$70,000 paid to the former full-time Chief Financial Officer who left during the period.

Also included in G&A expenses for the six month period ended June 30, 2010 was a foreign exchange gain of \$2,000 related to US funds held by the Company and \$36,000 in public company and regulatory filing fees. Similar such expenses were not incurred during the six month period ended June 30, 2009.

Other G&A expenses included consulting fees of \$94,000 (six month period ended June 30, 2009 - \$53,000). The increase primarily related to the addition of a part-time Human Resource consultant during the prior quarter. The Company also incurred directors' fees and costs of \$76,000 compared to \$11,000 during the six months ended June 30, 2009 as the Company increased directors fees' during the six month period ended June 30, 2010 and has increased the number of directors during the six month period ended June 30, 2010.

### *Business Development Expenses (“BD”)*

The Company continued to expand its business development activities during the six month period ended June 30, 2010. Total BD expenses of \$522,000 represented an increase of \$328,000 compared to the six month period ended June 30, 2009. Included in this increase were \$156,000 in legal fees and \$63,000 in consulting fees directly related to expanding the Company’s vaccine pipeline, leading to the completion of both the Merck KGaA and Oncothyreon agreements. Approximately \$58,000 of the increase related to the hiring of both an independent investor relations firm and an independent public relations firm. These expenses were not incurred during the six month period ended June 30, 2009.

As a result of being a public company, the Company has attended a greater number of trade conferences and also conducted a number of investor awareness road shows; accordingly, expenses related to travel and conferences increased from \$34,000 in the six month period ended June 30, 2009 to \$115,000 in the six month period ended June 30, 2010.

### *Stock-based compensation*

Non-cash stock-based compensation increased by \$342,000 to \$382,000 during the six month period ended June 30, 2010 compared to the six month period ended June 30, 2009. The increase was due primarily to the increased number of presently vesting options when compared to the six month period ended June 30, 2009, when there were a smaller number of unvested options outstanding.

### *Investment tax credits*

As of October 1, 2009, when the Company became a public corporation, its level of refundable investment tax credits decreased from approximately 44% to 15% of eligible expenditures as it no longer qualifies for the refundable federal portion of the investment tax credits. As a result, the total amount recorded year-to-date in 2010 was \$50,000 compared to approximately \$155,000 during the six month period ended June 30, 2009.

## **CASH FLOWS, LIQUIDITY AND CAPITAL RESOURCES**

At June 30, 2010, the Company had cash and cash equivalents of \$5,718,000, as compared to cash and cash equivalents of \$6,866,000 at March 31, 2010 and \$7,777,000 at December 31, 2009. At June 30, 2010, the Company had working capital of \$6,311,000, as compared to working capital of \$7,639,000 at March 31, 2010 and \$8,326,000 at December 31, 2009.

### **Three months ended June 30, 2010**

During Q2 Fiscal 2010, cash of \$1,374,000 was used in operating activities. This included the reported net loss of \$1,802,000, which was then decreased for non-cash amortization and non-cash stock-based compensation of \$30,000 and \$144,000, respectively.

During Q2 Fiscal 2010, cash of \$255,000 was provided from changes in non-cash working capital balances. The primary sources of cash were a \$145,000 decrease in accounts receivable and a \$150,000 decrease in prepaid expenses. These increases were offset by cash uses represented by a \$29,000 increase in investment tax credits receivable, a \$5,000 decrease in accounts payable and accrued liabilities and a \$6,000 decrease in deferred revenue.

Approximately \$269,000 was raised through financing activities during Q2 Fiscal 2010, including \$258,000 in proceeds from long-term debt and \$21,000 received from the exercise of stock options. During Q2 Fiscal 2010, the Company repaid \$10,000 of its long-term debt.

During Q2 Fiscal 2010, the Company purchased \$43,000 of equipment for ongoing research and operating activities.

### **Six months ended June 30, 2010**

During the six months ended June 30, 2010, cash of \$2,942,000 was used in operating activities. This included the reported net loss of \$3,300,000, which was then decreased for non-cash amortization and non-cash stock-based compensation of \$57,000 and \$382,000, respectively.

During the six months ended June 30, 2010, cash of \$81,000 was used as a result of changes in non-cash working capital balances. The primary uses of cash were a \$155,000 decrease in accounts payable and accrued liabilities, a \$50,000 increase in investment tax credits receivable, a \$30,000 decrease in prepaid expenses and a \$12,000 decrease in deferred revenue. These decreases in cash were offset by a reduction in accounts receivable of \$166,000.

Approximately \$952,000 was raised through financing activities during the six months ended June 30, 2010, including \$863,000 in proceeds from long-term debt, \$80,000 received from the exercise of stock options and a collection of share subscriptions receivable of \$29,000. During the six months ended June 30, 2010, the Company repaid \$20,000 of its long-term debt.

During the six months ended June 30, 2010, the Company purchased \$69,000 of equipment for ongoing research and operating activities.

At June 30, 2010, the Company had approximately \$7.2 million of existing and identified potential sources of cash including:

- Cash and equivalents of \$5.7 million;
- Accounts receivable and investment tax credits receivable of \$1.0 million;
- Additional funding available under the ACOA Atlantic Innovation Fund Round V (must be drawn by March 31, 2011) of \$0.4 million; and
- Approximately \$0.1 million in additional funding available under the ACOA Business Development Program (must be drawn by March 31, 2011).

The “cash burn rate” of the Company (defined as net loss for the period adjusted for non-cash transactions including amortization, stock-based compensation and shares issued for professional services) is forecasted to increase slightly due to the continuation of the Phase I clinical trial, and be in the range of \$1.5 million to \$1.7 million per quarter, on average, during Fiscal 2010. At June 30, 2010, the Company had cash resources of \$5.7 million and identified additional potential cash resources of \$1.5 million. Management is of the belief that this provides the Company with sufficient funds to execute the strategy of completing the Phase I trial while maintaining adequate working capital until the third quarter of 2011 as there are discretionary expenditures within the current cash forecast which would be reduced in the event that the identified potential sources of cash are not realized or receipt is delayed. The Company continually reassesses the adequacy of its cash resources since should either positive research results be obtained from existing research projects and/or potential collaboration opportunities identified, then additional funding may be required.

On August 11, 2010, the Company announced that it had filed a preliminary short form prospectus in connection with a marketed offering of Units of the Company (the “Offering”). Each Unit will consist of one common share of the Company and one-half of one common share purchase warrant (the “Warrant”). Each whole Warrant will entitle the holder to acquire one common share of the Company upon payment of the exercise price for a period of 36 months following the closing of the Offering. The price of the Units will be determined in the context of the market, with final pricing, determination of the number of Units to be sold pursuant to the Offering, and the exercise price and terms of the Warrants will be disclosed immediately prior to the filing of the final short form prospectus in respect of the Offering. The Company will grant the agents an option (the “Agents’ Option”) to purchase additional Units in an amount up to 15% of the number of Units sold pursuant to the Offering, exercisable in whole or in part at any time up to 30 days after the Closing. The Company will pay an agent’s commission of 6.0% of the gross proceeds in cash and issue compensation options equal to 6% of the aggregate number of Units issued by the Company pursuant to the financing. Each compensation option gives the holder the right to purchase one common share upon payment of the exercise price for a period of 24 months following the closing. The Offering is expected to close in September 2010.

As previously noted, on July 12, 2010, the Corporation announced that it had entered into an agreement with Merck KGaA to in-license EMD 640744, an investigational therapeutic survivin-based cancer vaccine, known as DPX-Survivac, designed to target multiple solid tumors and hematological malignancies. With the proceeds of the Offering, the Company intends to complete a Phase I study of DPX-Survivac. The Company intends to conduct most of its research activities using its own resources while utilizing third party subcontractors for the manufacture of clinical grade batches of the vaccine and to conduct clinical trials. The remaining proceeds will be used for general supporting research and development and general corporate and working capital purposes.

## **FUTURE ACCOUNTING CHANGES**

### *Business Combinations, Consolidated Financial Statements and Non-controlling Interests*

In January 2009, the CICA issued Section 1582, “Business Combinations”, Section 1601, “Consolidated Financial Statements”, and Section 1602, “Non-controlling Interests” which replace Section 1581, “Business Combinations” and Section 1600, “Consolidated Financial Statements”. Section 1582 establishes standards for the accounting for business combinations that is equivalent to the business combination accounting standard under IFRS. Section 1582 is applicable for business combinations for which the acquisition date is on or after the beginning of the first annual reporting period beginning on or after January 1, 2011. Early adoption of this section is permitted. Section 1601 together with Section 1602 establishes standards for the preparation of consolidated financial statements. Section 1601 is applicable for the entity’s interim and annual consolidated financial statements for fiscal years beginning on or after January 1, 2011. Early adoption of this section is permitted. If the entity chooses to early adopt any one of these sections, the other two sections must also be adopted at the same time. The Company is currently assessing the impact on its financial statements in connection with the conversion to IFRS.

### *International Financial Reporting Standards (IFRS)*

In February 2008, the Canadian Accounting Standards Board announced that accounting standards in Canada are to converge with International Financial Reporting Standards (“IFRS”) and companies will begin reporting, with comparative data, under IFRS for fiscal years beginning on or after January 1, 2011. While IFRS is based on a conceptual framework similar to Canadian GAAP, there are significant differences with respect to recognition, measurement and disclosure. The Company has not yet completed a detailed assessment of the impact of these differences on the financial statements. Management expects to complete a detailed assessment of the impact of the adoption of IFRS and to finalize a conversion process during the third quarter of 2010. This conversion process is expected to be complete by the end of 2010. The Company will commence reporting under the new standards in the first quarter of fiscal year 2011.

## **RELATED PARTY TRANSACTIONS**

During the six months ended June 30, 2010, the Company paid technical consulting fees of \$12,000 to a non-executive Director.

## **DISCLOSURE CONTROLS AND PROCEDURES AND INTERNAL CONTROLS OVER FINANCIAL REPORTING**

Disclosure controls and procedures (“DC&P”) are intended to provide reasonable assurance that material information is gathered and reported to senior management to permit timely decisions regarding public disclosure. Internal controls over financial reporting (“ICFR”) are intended to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external purposes in accordance with Canadian generally accepted accounting principles.

TSX Venture-listed companies are not required to provide representations in their annual and interim filings relating to the establishment and maintenance of DC&P and ICFR, as defined in Multinational Instrument MI 52-109. In particular, the CEO and CFO certifying officers do not make any representations relating to the establishment and maintenance of (a) controls and other procedures designed to provide reasonable assurance that information required

to be disclosed by the issuer in its annual filings, interim filings or other reports filed or submitted under securities legislation is recorded, processed, summarized and reported within the time periods specified in securities legislation, and (b) processes to provide reasonable assurance regarding the reliability of financial reporting and the preparation of consolidated financial statements for external purposes in accordance with the issuer's GAAP.

## **SIGNIFICANT ESTIMATES**

The unaudited consolidated interim financial statements as at June 30, 2010 have been prepared in accordance with Canadian GAAP. Significant accounting estimates used in preparing the financial statements include the Scientific Research and Experimental Development ("SRED") tax credit receivable, the fair value allocation of consideration for multiple element revenue arrangements, non-cash stock based compensation expense and accrued liabilities. Management has estimated the SRED receivable based on its assessment of tax credits receivable on eligible expenditures incurred during the period and its experience with claims filed with and collected from the Canada Revenue Agency. Management has analyzed the accounts receivable listing for potentially uncollectible amounts and has allowed for all balances which collection is doubtful. Management has made estimates regarding when stock options might be exercised and stock price volatility in calculating non-cash stock based compensation. The timing for exercise of options is out of the Company's control and will depend on a variety of factors including the market value of the Company's shares and the financial objectives of the stock-based instrument holders. Through knowledge of the Company's activities in the period ended June 30, 2010, Management has estimated the amount of accrued liabilities to be recorded.

## **OUTSTANDING SECURITIES**

The number of issued and outstanding common shares on August 27, 2010 is 45,555,479. The number of outstanding stock options and broker warrants on August 27, 2010 is 3,259,687 and 431,573, respectively. The outstanding stock options have a weighted average exercise price of \$0.86 per share, and a weighted average remaining term of 5.3 years. The outstanding warrants expire on September 30, 2010 and have an exercise price of \$0.70 per share.

## **REVERSE TAKE-OVER AND PRIVATE PLACEMENTS**

On June 8, 2009, ImmunoVaccine Technologies Inc. ("IVT") and Rhino Resources Inc. ("Rhino") announced that they had entered into a binding term sheet effective June 1, 2009 for Rhino's non-arm's length acquisition of IVT. The transaction closed on September 30, 2009 in the form of a share exchange whereby Rhino acquired all of the issued and outstanding common shares of IVT in consideration for common shares of Rhino. Prior to closing, the Rhino shares were consolidated on the basis of one new share for each existing five Rhino shares, and then each existing share of the IVT was exchanged for one new common share of Rhino. Upon closing, Rhino also changed its name to Immunovaccine Inc. ("Immunovaccine").

In connection with this transaction, 6,230,399 shares of IVT were issued as part of a brokered private placement at a price of \$0.70 per share for gross proceeds of \$4,361,279, and 5,582,614 shares of IVT were issued as part of a non-brokered private placement at a price of \$0.70 per share for gross proceeds of \$3,907,830. The agents received an 8% cash commission and broker warrants equal to 8% of the number of shares sold to individuals not currently shareholders of IVT, with each broker warrant entitling the holder to acquire one new common share of Immunovaccine at a price of \$0.70 per share for a period of 12 months from closing.

As the former shareholders of IVT owned approximately 95% of Rhino following the exchange of shares, the transaction was accounted for as a reverse take-over of Rhino by IVT. Following the transaction, no one individual held more than 10% of the common shares of the resulting issuer, and the operations of the Company were not altered significantly based on this transaction.

## **INTELLECTUAL PROPERTY RIGHTS**

The Company has invested resources into protecting its intellectual property rights and continues to invest in the protection and expansion of its intellectual property rights. The Company's intellectual property portfolio for its

VacciMax® platform technology, includes 18 granted patents and applications in Canada, US, Europe, Australia and Japan. US Patent 6,793,923 (issued in 2004) contains claims to the Company's platform, covering "any antigen, any adjuvant in any liposome and any oil". The platform name is protected by trademark in the US and Europe. The Company has also filed additional follow-on patent applications to protect DepoVax™ formulations as well as delivery of oligonucleotides and others.

## **FINANCIAL INSTRUMENTS**

The Company recognizes financial instruments based on their classification. Depending on the financial instruments' classification, changes in subsequent measurements are recognized in net loss or other comprehensive loss. The Company has implemented the following classifications:

- Cash and cash equivalents are classified as "Financial Assets Held for Trading". These financial assets are marked-to-market through net income at each period end.
- Amounts receivable are classified as "Loans and Receivables". After their initial fair value measurement, they are measured at amortized cost using the effective interest method.
- Accounts payable are classified as "Other Financial Liabilities". After their initial fair value measurement, they are measured at amortized cost using the effective interest method.

## **OFF BALANCE SHEET ARRANGEMENTS**

The Company was not party to any off balance sheet arrangements as of August 27, 2010.

## **RISK ASSESSMENT**

The Company's activities are subject to certain risk factors and uncertainties that generally affect biotechnology companies. Management defines risk as the evaluation of the probability that an event might happen in the future that could negatively affect the financial condition, results of operation or perspectives of the Company. The success of the Company will depend, without limitation, on its ability to: i) develop its products and technologies; ii) preserve its intellectual property rights; iii) retain its key employees; iv) conclude strategic alliances and research and development partnerships with third parties; v) complete strategic in-licensing agreements; vi) demonstrate the safety and efficacy of its products and obtain satisfactory results in regard to the clinical trials; and vii) obtain regulatory approvals required to commercialize its products or those of its partners. The Company's activities have required and will require significant financial investment. Therefore, the Company's ability to obtain the necessary funding to finance its activities is essential to ensure its success and is, as such, a risk factor. The risks identified above do not include all possible risks as there may be other risks of which Management is currently unaware. The above risks and other general risks and uncertainties relating to the Company and its activities are more fully described in the Annual Information Form of the Company for the period ended December 31, 2009, under the heading "Risk Factors".