

## VIDO-InterVac STATUS REPORT

[www.vido.org](http://www.vido.org)

**Mission:** To be a pre-eminent research institute investigating the pathogenesis of infectious diseases and the development of effective therapeutic and prophylactic methods to control infectious diseases of humans and animals

**Goals and objectives:** VIDO-InterVac's goal objectives include the following:

- To serve and assist the economic competitiveness of the livestock industry through research on the common infectious diseases of livestock and poultry.
- To identify opportunities to utilize VIDO's research to improve human and companion animal health.
- To provide information leading to safe and effective animal health preventative medicine programs which enhance animal care through improved management and performance of livestock.
- To maximize funding by enhanced visibility and development of innovative communication programs with all Organizations that support VIDO.
- To transfer technology to the biologics industry to enhance its application for the benefit of its stakeholders and to provide financial stability to VIDO.
- To manage its financial, educational and human resource efforts to ensure long-term benefits to the Organization's stakeholders.

**Types of activities undertaken to achieve mandate:** VIDO-InterVac's research includes a broad range of infectious diseases and "platform technologies" applicable to a broad spectrum of diseases or species. VIDO-InterVac research programs are organized into seven themed areas:

- Bacterial Vaccine Development
- Emerging Infectious Diseases and Microbial Virulence
- Immune Modulation
- Neonatal Immunization
- Pathogenomics
- Vectored Vaccines
- Viral Pathogenesis & Vaccine Development

Our current capabilities for developing vaccines against Containment Level 2 (CL2) diseases range from small rodent trials to large animal diseases and relevant large

animal models for human infections. When InterVac is operational in 2011, our capabilities will expand substantially to include Containment Level 3 diseases.

VIDO-InterVac is proud of its reputation for excellence in training the next generation of researchers. As a student or postdoctoral fellow, you gain valuable training at VIDO-InterVac and will be well prepared for careers in research, industry and government.

Partnering with the University of Saskatchewan, VIDO-InterVac participates in:

- The Interdisciplinary Graduate Program in Vaccinology and Immunotherapeutics (MA, MSc, or PhD) in the School of Public Health
- MSc and PhD programs within the following colleges and departments: Department of Biochemistry; College of Veterinary Medicine; College of Medicine; Department of Immunology and Microbiology; Toxicology Center
- Post-doctoral training programs
- Honours programs through various colleges and departments
- Work experience programs: for example, co-op placements and technical college practicums
- International training programs

Open to researchers, academic teams and commercial partners from around the world, VIDO-InterVac hosts visiting scientists and participates in sabbatical arrangements.

In addition to using our excellent laboratory facilities and equipment, visiting scientists work with our experts who are molecular biologists, virologists, immunologists, bacteriologists, biochemists, epidemiologists, veterinarians and clinicians.

VIDO-InterVac is also part of the dynamic research and bioscience cluster that exists on the University of Saskatchewan campus and includes:

- Colleges of Medicine, Nursing, Pharmacy and Nutrition, the Western College of Veterinary Medicine, and the School of Public Health.
- The University's research park, Innovation Place, one of the most successful of its kind in North America.
- The Canadian Light Source, Canada's only synchrotron.

Over the years, we have developed linkages with a wide range of Canadian and international universities, research institutes and governments, leading to international research networks that are reshaping infectious disease and vaccine research around the world.

## **Governance:**

### **VIDO-InterVac Senior Management:**

Dr. Andrew Potter – Director

Dr. Volker Gerdts – Associate Director, Research

Dr. Paul Hodgson – Associate Director, Business Development

Ms. Carol Martel – Manager, Financial Operations

Ms. Joyce Sander – Manager, Human Resources

Mr. Cam Ewart – Director of Operations and Maintenance– InterVac and Communications

### **VIDO-InterVac Board of Directors 2010**

Dr. Luis Barreto, Chair

Vice-President, Immunization and Science Policy, Sanofi-Pasteur Ltd.

Dr. Bill Ballantyne, Past Chair (retired)

Technical Director, Procurement Dept., Maple Leaf Foods

Mr. John Laclare (retired)

President & CEO, Big Sky Farms

Dr. Robert Clarke (retired)

Assistant Deputy Minister, Infectious Preparedness Branch,  
Public Health Agency of Canada

Mr. David Gordon (retired)

Director Global Marketing, Elanco Animal health Canada, Eli Lilly & Co

Mr. Terry Manning (retired)

Director & General Manager, Elanco Animal Health Canada, Eli Lilly & Co

Dr. Alastair Cribb

Dean, Faculty of Veterinary Medicine, University of Calgary

Dr. Karen Chad

Vice-President (Research), University of Saskatchewan

Dr. Walter Heuser

Swine Business Unit Director, Pfizer Animal Health, Canada

Dr. Larry Milligan

Mr. Don Wilson (retired)

Western Regional Sales Manager, Bayer Animal Health

Mr. Chris Dekker, Interim CEO,

Enterprise Saskatchewan, Government of Saskatchewan

Dr. Douglas A. Freeman, Dean, Western College of Veterinary Medicine,  
University of Saskatchewan