



Vaccine and Infectious Disease Organization

Home of InterVac | International Vaccine Centre

VIDO-INTERVAC

ENHANCING THE WORLD'S CAPACITY TO PROJECT ANIMAL & HUMAN HEALTH

Since 1975, the Vaccine and Infectious Disease Organization (VIDO), located on the University of Saskatchewan (U of S) campus, has been researching disease and developing vaccines for both animals and humans. VIDO has been awarded more than 80 U.S. patents, commercialized eight vaccines, six of which were world-firsts, and is competitive nationally and internationally.

Diseases are Changing

Climate change, globalization and agricultural practices are enabling existing and new diseases to emerge and spread swiftly. These diseases, classified as Containment Level 3 (CL3) diseases, have profound impacts on quality of life and the economy and there is an urgent need for vaccines to protect against them, and treatments to address them. However, specialized containment facilities are required for conducting research and development against these diseases.

The International Vaccine Centre (InterVac)

VIDO will soon to be home to the International Vaccine Centre. At 145,000 square feet, VIDO-InterVac will be one of the largest CL3 vaccine research and development facilities in Canada, and one of the largest in North America capable of testing vaccines in all animal species, including large animals.

The \$140 million facility (called VIDO-InterVac) will enhance Canada's capacity to protect animal and human health by:

- Developing new vaccines and improving existing ones;
- Creating new and better methods of administering vaccines in both animals and humans;
- Improving the safety of food and water; and
- Enabling researchers to respond quickly to new diseases yet to emerge and potentially contribute to diagnostic efforts.

Funding for InterVac construction was received from the Government of Canada, the Canada - Foundation for Innovation, the Government of Saskatchewan, the University of Saskatchewan, and the City of Saskatoon.

Examples of CL3 diseases that can be examined at InterVac include:

- Tuberculosis
- Swine and avian influenza
- Hantavirus
- HIV/AIDS
- Mad Cow Disease
- Chronic wasting disease (CWD)
- Creutzfeldt-Jakob Disease
- SARS
- Rabies
- West Nile virus
- Hepatitis C

Partnering with Government for a safe, healthy population

Today, more than 25 infectious diseases are vaccine-preventable. For every \$1 spent on vaccine development, \$3 are saved in health care costs.

VIDO-InterVac will enhance Canada's science and technology capacity and re-shape the landscape for infectious disease research in Canada, making it a key player in Canada's vaccine preparedness strategy. It will secure Saskatchewan's international leadership in vaccine development and strengthen the provincial focus on health care.

Partnering with Industry to get vaccines to market sooner

InterVac's CL3 capabilities allow researchers to better understand the infectious disease interaction between humans and animals, respond faster to emerging diseases, and develop, test and get vaccines to market sooner than ever before.

The facility will add to the dynamic research cluster of life sciences R&D already in place at the U of S, and is open to academic teams and researchers from Canadian and international universities, commercial partners, research institutes and governments. VIDO-InterVac also is headquarters for the Pan-Provincial Vaccine Enterprise (PREVENT), one of Canada's new Centres of Excellence in commercialization and research.

Partnering with Academia to offer unparalleled research opportunities

VIDO-InterVac will be one of the largest CL3 vaccine research and development facilities in North America. The facility's large space and distinctive design will allow for a range of experimental designs from pre-clinical testing to licensing trials.

The facility will be open to academic teams, commercial partners, researchers from Canadian and international universities, research institutes and governments.

For more information on VIDO-InterVac, visit www.vido.org.