



VACCINE AND INFECTIOUS DISEASE ORGANIZATION

vido.org

Infectious diseases have significant socioeconomic impacts and are a leading cause of death globally. In addition, new diseases continue to emerge, underlining the importance of preparedness and a rapid response to limit their impact. The **Vaccine and Infectious Disease Organization (VIDO)** at the University of Saskatchewan in Saskatoon, Sask. is one of the largest and most advanced containment facilities in the world, with significant containment level 2 and 3 research capacity, including for large animal studies. Public- and private-sector research groups from around the world use VIDO's facilities to study infectious diseases and develop vaccines and other therapeutics for high-consequence pathogens.

To strengthen Canada's pandemic preparedness and support scientific advancement, VIDO is expanding its infrastructure as Canada's Centre for Pandemic Research — a fully integrated facility that enables human and animal vaccine development from discovery through development and commercialization. This includes a containment level 3-capable good manufacturing practice biomanufacturing facility, new flexible animal housing and upgrades to containment level 4 to study all infectious diseases.



Did you know?

- Replicating VIDO's infrastructure today would cost approximately \$400 million.
- VIDO will be the only Canadian non-government facility with containment level 4 capacity.
- VIDO's biomanufacturing facility can produce a wide range of vaccines (such as inactivated, live-attenuated, subunit, viral vectored and DNA/RNA vaccines), meeting the regulations for both good manufacturing practice phase I and II human and veterinary products.
- VIDO's high-containment facility exhausts the equivalent of 29 Olympic-size pools of conditioned air every day.