



## **Vaccine and Infectious Disease Organization-International Vaccine Centre (VIDO-InterVac)**

University of Saskatchewan, Saskatoon, Saskatchewan, Canada

**Project Title:** Comparative analyses of infection outcomes in fetuses exposed to pre-epidemic and epidemic Zika virus strains

**Institution:** VIDO-InterVac, University of Saskatchewan  
120 Veterinary Road, Saskatoon, SK S7N 5E3

**Start Date:** May 2018

**Project Description:** Two main genetically distinct lineages of Zika virus do exist, African and Asian. We have established neonatal and fetal pig models for Zika virus infections. We are using our models to compare infection outcomes in fetuses/newborns *in utero* exposed to pre-epidemic African and epidemic Asian ZIKV strains. We use a multidisciplinary approach which includes animal models, immunological, classical and molecular virology methods. This project will provide excellent training for a candidate who desires to pursue a career in scientific research.

**Financial Support:** The project is fully funded and the candidate is guaranteed a stipend during their work and training (May-August 2018).

**Research Advisor:** Uladzimir Karniychuk, DVM, Ph.D. For more information, visit:  
<http://www.vido.org/team/project-leaders/uladzimir-karniychuk>

**Candidate Profile:** A working knowledge of laboratory techniques. Most importantly, the candidate must be **1)** highly motivated and creative, and **2)** diligent, including a willingness to work overtime and on weekends, when required. To work in VIDO-InterVac, the successful candidate will be required to undergo and clear a reliability status screening assessment, background check and a criminal record check as a condition of employment.

**How to Apply:** One single application document (pdf file) that includes **1)** a letter of motivation, **2)** a complete *curriculum vitae* (CV), **3)** a copy of undergraduate transcripts, and **4)** contact information for individuals willing to provide a reference for the candidate, to [u.karniychuk@usask.ca](mailto:u.karniychuk@usask.ca)

*VIDO-InterVac and the University of Saskatchewan is strongly committed to a diverse and inclusive workplace. As such, applications from those who will contribute to the diversity of our*

*community are welcome and all qualified candidates are encouraged to apply. However, Canadian citizens and permanent residents will be given priority.*

**Only candidates selected for interviews will be contacted**