

MSc Graduate Student Position: Pathogenesis of Zika virus infection

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

University of Saskatchewan, Saskatoon, Saskatchewan, Canada

Project Title: Pathogenesis of Zika virus infection in fetuses

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

Start Date: January 2018

Program of Study: Master's degree (M.Sc.) in Veterinary Microbiology with the possibility of continuing towards a Doctorate degree (Ph.D.). For more information visit:

<https://www.usask.ca/wcvm/departments/microbiology/>

Project Description: The primary goal of the project is to study the pathogenesis of Zika virus infection in fetuses and outcomes of *in utero* infection during neonatal life. We use a multidisciplinary approach which includes animal models, molecular virology, and bioinformatics. 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 graduate education and training, but will be expected to apply for internal and/or external scholarships. For more information visit:

https://www.usask.ca/wcvm/graduate_programs/microbiology/tuition.php

Research Advisor: Uladzimir Karniychuk, Ph.D. For more information, visit:

<http://www.vido.org/team/project-leaders/uladzimir-karniychuk>

Candidate Profile: Must hold an undergraduate degree in a related discipline. A working knowledge of laboratory techniques would be an asset. Most importantly, the candidate must be **1)** highly motivated and creative, **2)** diligent, including a willingness to work overtime and on weekends, when required and **3)** a good command of written English. The candidate might be required to work under **high-security biocontainment level-3 conditions** after extensive training. 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: Interested candidates must submit electronically, **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

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