



VACCINE AND INFECTIOUS DISEASE ORGANIZATION

## Postdoctoral Fellow – Influenza Virus

The Vaccine and Infectious Disease Organization (VIDO), Canada's Centre for Pandemic Research, is a world leader in infectious disease research and vaccine development for humans and animals. Located at the University of Saskatchewan in Saskatoon, Canada, VIDO is home to one of the largest and most advanced containment level 3 facilities in the world. To strengthen the preparedness for emerging infectious diseases we are currently expanding our infrastructure to include containment level 4 capacity, a GMP vaccine manufacturing facility, and a new animal housing facility. Our vision includes having the capacity to study any emerging disease in any animal model embracing a One Health approach to prevent emerging and re-emerging infectious diseases in humans and animals.

### Position Summary

Dr. Yan Zhou's laboratory is seeking a highly motivated postdoctoral fellow to study innate immune responses to influenza virus infection. We combine the approaches in molecular biology, virology, cell biology, immunology, and animal model to study how the innate immune sensor RIG-I recognizes influenza virus infection and initiates antiviral immune responses. We are also interested in how the virus utilizes different strategies to evade host antiviral responses. The goal is to identify the target for the development of therapeutics and vaccine for influenza virus infection.

### Quantification

The successful candidate will have recently completed a PhD (in the past three years) in Microbiology, Biochemistry, Immunology, or another related discipline. The ideal candidate should have a strong background in virology, molecular biology, cell biology, signal transduction, immunology, and/or vaccinology. Must be a team player with excellent oral and written communication skills. Effective organizational, and time management skills are required. Experience working with influenza virus and/or working in level 3 containment would be an asset.

**Status:** 1-year term, with the possibility of extension

**Employment Group:** Post-Doctoral Fellows – PSAC

**Full Time Equivalent (FTE):** 1.0

**Salary Information:** The starting salary will follow the university standard for a post-doctoral researcher and will be commensurate with experience.

The successful applicant will be required to provide the following current verification(s) where 'Yes' is indicated below. Further information is available at: <https://careers.usask.ca/tips-for-applying.php#Howtoapplyforaposition>

**Facility Access Screening including Criminal Record Check:** Yes

**Driver's License and Abstract Check:** Not Applicable

**Education/Credential Verification:** Yes

**Vulnerable Sector Check:** Not Applicable

Interested candidates are asked to submit their application in one single application document (pdf file) including a statement of research interest, complete curriculum vitae (CV), and contact information of three references online at <https://vido.applytojobs.ca/research/28110>. Links to online portfolio (e.g., GitHub) should be included in the CV.

Review of applications will begin immediately; however, applications will be accepted and evaluated until the position is filled. We thank all applicants for their interest; only those candidates selected for an interview will be contacted.

### Living in Saskatoon

- One of the lowest costs of living among major cities in Canada (<https://www.saskatoon.ca/community-culture-heritage/new-saskatoon/life-saskatoon>)
- One of the sunniest places in Canada (<https://www.saskatoon.ca/community-culture-heritage/new-saskatoon/life-saskatoon>)
- A leading centre of culture and learning, Saskatoon is also one of the most socially engaged and most literate cities in Canada (<https://admissions.usask.ca/campus-life/housing.php#LivinginSaskatoon>)

For more information visit: [Discover Saskatoon](#)

For more information visit: [vido.org](http://vido.org)

*Note: The University believes equity, diversity, and inclusion strengthen the community and enhance excellence, innovation and creativity. We are dedicated to recruiting individuals who will enrich our work and learning environments. All qualified candidates are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadian citizens and permanent residents will be given priority. We are committed to providing accommodations to those with a disability or medical necessity. If you require an accommodation in order to participate in the recruitment process, please notify us and we will work together on the accommodation request. The University of Saskatchewan's main campus is situated on Treaty 6 Territory and the Homeland of the Métis. We pay our respects to the First Nations and Métis ancestors of this place and reaffirm our relationship with one another. Together, we are uplifting Indigenization to a place of prominence at the University of Saskatchewan.*