POSTDOCTORAL POSITION IN CELL BIOLOGY

Mayaro virus-host interactions

A post-doctoral position is available immediately in the Hobman laboratory to study newly emerging viral pathogens. Viruses of interest include important arboviruses such as flaviviruses and alphaviruses. Recently, funding was obtained to study Mayaro and Chikungunya viruses which are newly emerging alphaviruses that cause chronic and severe arthritis in patients. The successful post-doctoral candidate will focus on Mayaro virus-induced chronic polyarthralgia and interactions with host cells. Specific aims include identification of viral reservoirs and mechanisms of viral persistence in small animal models.

The position is for one year initially with the possibility of extension for up to two additional years.

Qualifications:

- Candidates should be within two years (24 months) of completing their Ph.D. degree in virology, immunology, cell biology or a related discipline.
- Demonstrated scientific productivity as evidenced by peer reviewed publications.
- Strong written and oral communication skills in English.
- Experience in basic molecular cell biology and biochemical techniques
- Must be self-motivated, proactive and able to work in a collaborative environment.

Experience:

- Expertise with one or more of the following techniques is required:
  - Handling of BSL2 and/or BSL3 level viruses
  - Experience with mouse models
  - Molecular biology
  - Cellular imaging
  - Flow cytometry

Screening for candidates starts immediately and will continue until the position is filled. For those not holding permanent residence status or Canadian Citizenship, the appointment will be subject to immigration approval.

To Apply:

Please send your CV, a brief statement of research interests and contact details of three referees to:

Dr. Tom Hobman
Department of Cell Biology
5-14 Medical Sciences Building
Edmonton, AB
T6G 2H7
tom.hobman@ualberta.ca

We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.

The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.