POSTDOCTORAL POSITION IN CARDIOVASCULAR RESEARCH

Dr. Michael Zaugg, Cardiovascular Anesthesia Research Laboratory

Project:

Triglyceride emulsions as a novel therapy against cardiac ischemia-reperfusion injury

In this translational research project, the successful candidate will evaluate the effects of Intralipid® postconditioning on long-term outcomes (remodeling) under different anesthesia regimens *in vivo*. Infarct size, inflammation, and remodeling following transient coronary artery ligation will be measured in middle-aged male and female rats. These *in vivo* experiments will also explore potential toxicity (fat embolism) of Intralipid® postconditioning. Contract position is for one year renewable to an additional year, depending on funding availability.

Requirements:

The ideal candidate will be a highly ambitious, self-motivated individual with:

- A PhD degree in a discipline related to cardiovascular research, laboratory medicine, pathobiology, or veterinary science;
- Solid experience in research animal handling (mouse/rat).
- Experience in surgical techniques (transient and permanent coronary artery ligation)
- Excellent written and oral communication skills in English and the ability to work in a collaborative team are essential

To Apply:

Forward your CV, a cover letter that outlines your career objectives and why you are a good fit for the project, and contact information for three references to::

Michael Zaugg, MD MBA FRCPC
michael.zaugg@ualberta.ca

Closing date:

Position open until filled

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.