POSTDOCTORAL POSITION IN GENETICS/CELL BIOLOGY/NEUROSCIENCE

We seek a highly motivated post-doctoral fellow for a 3 year CIHR-funded position to investigate primary cilia in development and disease. The successful candidate will drive projects researching the effect of human mutations on cilia-mediated signaling and planar cell polarity, and gain experience with a breadth of model organisms (zebrafish, murine, and potentially drosophila) plus cell biological techniques.

The Lehmann lab in the Dept. of Medical Genetics, is part of a visual neuroscience network that spans multiple Departments and Faculties at the University of Alberta. This rich inter-disciplinary environment, with expertise extending from neurogenetics and gene therapy to clinical medicine and cell biology, facilitates investigation of fundamental biological disease mechanisms.

Available projects include:

i) Characterizing molecular mechanisms underlying extracellular vesicle shedding by primary cilia and their developmental contributions.

ii) Investigation of a regulator of Hedgehog signaling, and development of inhibitors for oncology.


Candidates with a recently obtained PhD (within the last 3 years) and broad molecular biology experience (gene expression assays, protein analysis, immunohistochemistry, CRISPR/Cas etc.), are encouraged to apply. Expertise in tissue culture and confocal microscopy, would be an asset.

This position is funded by a Canadian Institutes of Health Research operating grant until 2024; and to enhance their career development, the successful applicant will be encouraged to apply for Fellowship funding.

To Apply:

Candidates must possess excellent organizational and communication skills, publications from their Ph.D. or prior postdoctoral work, and the motivation to pursue the training required for a future independent academic career.

Individuals who meet these requirements, should send their CV, cover letter describing research interests, and contact details for three referees, assembled as a single PDF to: Dr. Ordan Lehmann olehmann@ualberta.ca

Closing date:
The position will remain 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.