POSTDOCTORAL POSITION IN DIABETES RESEARCH – BETA-CELL BIOLOGY

Dr. Jean Buteau, Alberta Diabetes Institute

Diabetes is an important health problem worldwide. The number of people suffering from diabetes is rapidly increasing and is reaching epidemic proportions.

Pancreatic beta-cells are specialized cells that produce insulin to regulate blood glucose. When this mechanism fails, diabetes arises. Because diabetes is characterized by a progressive deterioration of pancreatic beta-cell mass and function, it is important to elucidate the molecular mechanisms governing beta-cell life and death. The candidate will use cellular biology, biochemistry, and pharmacology approaches to investigate novel signaling effectors that regulate beta-cell proliferation and apoptosis. This will be performed using cell lines, isolated islets and transgenic mice.

We are looking for ambitious and motivated candidates with a scientific interest in diabetes/metabolic diseases. The ideal candidate possesses:

- A PhD degree in Biochemistry, Cell Biology or a related discipline
- A good publication record
- Experience in basic cell biology techniques (working with cells, RNA and proteins)
- Experience working with mice
- Excellent organizational and communication skills

To Apply:
Please forward a cover letter and a CV including contact information for three references to:

Dr. Jean Buteau
jbuteau@ualberta.ca

Closing date:
Position is immediately available and 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.