Career Opportunity

POSTDOCTORAL FELLOW, CARDIAC COMPLICATIONS OF DIABETES AND INSULIN RESISTANCE

A postdoctoral research position for a highly motivated individual is available immediately in the laboratory of Dr. Kathleen MacLeod, in the Faculty of Pharmaceutical Sciences at UBC. The overall focus of the MacLeod lab is on understanding the mechanisms contributing to the poorer cardiac outcomes in diabetes and insulin resistance, in particular with relation to changes in cell signaling pathways such as the RhoA-ROCK pathway. The Faculty of Pharmaceutical Sciences is located on UBC’s Vancouver campus in a new state-of-the-art facility equipped with world-class infrastructure and equipment.

Brief Job Description:
The successful candidate will participate in a funded project investigating the role of ROCK2 in cardiac mitochondrial dysfunction in obesity. Studies will include the assessment of cardiac and/or mitochondrial function in mouse models, molecular biology and biochemical analyses, cell culture, microscopy and echocardiography. The candidate will be expected to design and conduct experiments independently, and as part of a collaborative team, will participate in the supervision of graduate and undergraduate students and contribute to the development and writing of grant applications and manuscripts. The initial appointment will be for a period of one year, with the possibility of renewal for up to 2 additional years.

Minimum Qualifications and Experience:
Applicants should have a Ph.D. in cardiovascular pharmacology or biochemistry or a related field, a track record of publications in peer-reviewed journals and a background in cardiac cell signaling and/or mitochondrial function and dynamics. Experience with in vivo or ex vivo models of I/R injury would be an asset.

How to Apply:
Applications prior to Sept. 15, 2016 are preferred, but the position will remain open until filled. Applicants should send (via email) a curriculum vitae, including the names of 3 referees and their contact information, and a short statement describing their research experience, interests and goals to:

Dr. K. M. MacLeod
Faculty of Pharmaceutical Sciences
The University of British Columbia
2405 Wesbrook Mall, Vancouver, BC, Canada V6T 1Z3
Kathleen.macleod@ubc.ca

UBC hires on the basis of merit and is committed to employment equity. We encourage all qualified persons to apply. UBC is strongly committed to diversity within its community and especially welcomes applications from visible minority group members, women, Aboriginal persons, persons with disabilities, persons of any sexual orientation or gender identity, and others who may contribute to the further diversification of ideas.