Postdoctoral Position in Molecular and General Toxicology
Bureau of Chemical Safety, Health Canada, Ottawa ON

A 2 year postdoctoral research position is open in the laboratory of Dr. Ivan Curran of the Bureau of Chemical Safety, Health Canada. The project is funded by the Genomics Research and Development Initiative of the Government of Canada (http://grdi-irdg.collaboration.gc.ca/eng/about/) and will investigate in vivo model studies of Health Canada priority flame retardant chemicals and fungal toxins for biomarkers of health effects. The project will leverage existing in vivo rodent studies to identify molecular targets, microRNA (miRNA) in serum and milk associated with dietary exposure to HC priority fungal toxins and anthropogenic chemical contaminants currently detected in foods.

Highly motivated candidates with a strong background in experimental physiology, molecular biology, biochemistry or toxicology are encouraged to apply. Candidates are required to have obtained a PhD in biology, biochemistry or related discipline within the previous 5 years. Relevant experience with rodent models in toxicology, publication record and a background in molecular biology and toxicology would be an asset.

The Bureau of Chemical Safety is an applied research group focused on identifying and reducing the negative impacts of fungal and seafood contaminants, anthropogenic chemical contaminants and allergens from food borne exposures on the health of Canadians through research, surveillance, monitoring, risk assessment, and emergency planning. The Bureau of Chemical Safety consists of approximately 20 principal investigators, over 50 associated research personnel and 55 evaluators/risk assessors who are responsible for policy, standard setting, risk assessment, research and evaluation activities with respect to chemicals in foods in Canada.

Interested candidates should send their CV, the names of two references and potential starting date to ivan.curran@hc-sc.gc.ca. Preference will be given to Canadian citizens. Applicants must fulfil the requirements of the NSERC Visiting Scientists in Canadian Government Laboratories Program http://www.nserc-crsng.gc.ca/students-etudiants/pdnp/laboratories-laboratoires/index_eng.asp).

The Public Service of Canada is committed to building a skilled, diverse workforce reflective of Canadian society. As a result, it promotes employment equity and encourages candidates to indicate voluntarily on their application if they are a woman, an Aboriginal person, a person with a disability or a member of a visible minority group.