

# Postdoctoral Scholar Recruitment

## Position Description

**Area:** Cancer Genomics and Immunology (wet-lab)

**Duration:** 1 year with possibility of renewal

**Start Date:** Jan 2020 or as soon as possible

The **University of Calgary**, Alberta Children's Hospital Research Institute and Arnie Charbonneau Cancer Institute in the Cumming School of Medicine at the University of Calgary is accepting applications for a **Postdoctoral Scholar** to work with Dr. Edwin Wang in the area of Cancer Genomics and Immunology (**wet-lab work**). Dr. Wang is an AIHS chaired Professor in the Department of Biochemistry & Molecular Biology with expertise in cancer genomics, bioinformatics and systems biology. His lab is using both experimental and computational approaches to study cancer genomics and immunology.

## Job Description:

The postdoctoral scholar will work with Dr. Edwin Wang to study cancer genomics. The specific focus would be using mainly whole genome exome-sequencing, single-cell RNA-seq/ATAC-seq and bioinformatics to dissect the links between germline/somatic mutations and cancer development/immunology.

## Qualifications:

Applicants should have a PhD degree (preferably within 3 years of graduation) in cellular or molecular biology or other relevant discipline, experience in single-cell ATAC-seq, RNA-seq or bioinformatics is a plus but not necessary. Previous experience in working with mice would be preferable. Applicants should submit a CV, and names and contact information for at least two references to [edwin.wang@ucalgary.ca](mailto:edwin.wang@ucalgary.ca).

## Application Details:

The postdoc scholar will be affiliated with the Arnie Charbonneau Cancer Institute (ACCI), the Alberta Children's Hospital Research Institute (ACHRI) and the Center for Health Genomics and Informatics at the University of Calgary. We also have extensive collaborations with the Tom Baker Cancer Center, which provide us clinical samples for study. The Institutes and Centers is equipped with the state-of-the-art facilities and instrument as well as isolated computing clusters. ACCI and ACHRI bring together hundreds of inter-disciplinary scientists to find new ways to understand and treat cancers at University of Calgary.

**If you interested, please contact Dr. Edwin at [edwin.wang@ucalgary.ca](mailto:edwin.wang@ucalgary.ca)**