

Research Associate position in the Centre for Heart Lung Innovation and the Department of Medicine, University of British Columbia, Vancouver, BC, Canada

DESCRIPTION: Applications are invited for a full time Research Associate position in the Centre for Heart Lung Innovation (HLI) at University of British Columbia. This position involves full-time research on the use of micro Computed Tomography (CT) to understand the pathology of chronic obstructive pulmonary disease (COPD) and idiopathic pulmonary fibrosis (IPF).

CENTRE DESCRIPTION: Situated within Providence Health Care's St. Paul's Hospital, a University of British Columbia teaching hospital, the HLI is a translational research centre using basic molecular and cellular research discoveries to develop innovative approaches to prevent and treat human disease through our complementary and connected clinical research.

REQUIREMENTS: Applicants must have a PhD degree and at least 5 years of postdoctoral research experience in chronic obstructive pulmonary diseases, Stereology and micro CT. We are looking for a candidate with prior training, a publication record and expertise in micro CT imaging of human lung tissue using specifically stereology. The candidate must have experience with a broad range of micro CT scanners, designing imaging protocols for lung and other tissues. Familiarity with the investigative techniques required for human lung inflation, fixation, systematic uniform random sampling and quantitative morphometric assessment is essential. The candidate is also expected to have experience with immunohistochemistry and gene expression analysis. The applicant will be expected to establish an independent research program.

DURATION AND SALARY: The position will begin July 1, 2017 and is available for up to a 1-year term with the possibility of renewal. Salary will be commensurate with qualifications and experience.

CONTACT: Interested individuals should send, no later than June 30th 2017, their curriculum vitae, a concise statement of research interests, the names of three referees and copies of representative publications, to:
Kelly Ceron, Human Resources Manager
Kelly.ceron@hli.ubc.ca

UBC hires on the basis of merit and is strongly committed to equity and diversity within its community. We especially welcome applications from visible minority group members, women, Aboriginal persons, persons with disabilities, persons of minority sexual orientations and gender identities, and others with the skills and knowledge to productively engage with diverse communities. Canadians and permanent residents of Canada will be given priority.