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We are currently recruiting one or two Post-doctoral Fellows interested in working on the modulatory effects of Cannabis on sleep and respiratory control within a Team Grant project funded by CIHR to Drs. Pagliardini, Funk, Jackson, Dickson, and MacLean (*Systematic preclinical evaluation of cannabinoid components on sleep and breathing*). The project investigates physiological changes associated with chronic and acute exposure of cannabinoids in rodents to systematically address their effects on neural development, brain dynamics and respiratory control across brain states.

The ideal candidate must have a recent doctoral degree (PhD) in physiology, neuroscience or related fields and evidence of publication history in the field of respiratory control or systems neurophysiology/ neuroscience. Applicants with previous experience in rodent sleep analysis, whole body plethysmography, stereotaxic surgery, EEG and EMG recordings, will have priority in the selection. Excellent written and oral communication skills, ability to work independently and together with a research team, and aptitude to train and mentor undergraduate and graduate students are also necessary attributes.

The successful candidate will work in a highly interactive, multidisciplinary environment and will benefit from the expertise of a strong respiratory control and brain network group present at the University of Alberta. A two-year contract with possibility of renewal is immediately available. Salary will be commensurate with qualification and experience.

The University of Alberta is one of Canada's top teaching and research universities, home to 39,000 national and international students. The Faculty of Medicine & Dentistry is one of Canada's premier health-education institutions and is internationally recognized as among the world's top 100 medical schools. The Department of Physiology has been recently ranked 34<sup>th</sup> in the world in the QS World University Research Rankings.

Applicants should provide a motivation letter, a curriculum vitae (including list of publications), a copy of graduate & undergraduate transcripts, two contact references and a short summary of past research experience. Screening of applications will begin immediately, and the positions will remain open until filled. Only selected applicants will be contacted for interview. Please send documents to [silviap@ualberta.ca](mailto:silviap@ualberta.ca).