

## POSTDOCTORAL POSITION IN Westaway Lab (Centre for Prions and Protein Folding Diseases)

We seek a talented and passionate scientist to join the Westaway lab (<https://www.ualberta.ca/faculties/centresinstitutes/prion-centre>). Dr. Westaway's group is interested in understanding the molecular mechanisms of initiation and spreading of neurological diseases including frontotemporal lobar dementia, late-onset Alzheimer's Disease and sporadic CJD. The aim of this specific project is to determine the role of gut microbiota and their metabolites in the development of frontotemporal lobar dementia in a transgenic mouse model. This project will involve analysis of microbial populations and their metabolites, analysis of brain tissue and work with cell culture paradigms.

Candidates must have a recently obtained PhD (within the last 4 years) with relevant molecular, neuroscience and biochemical experience. Significant expertise in tissue culture, gene expression analysis for mRNAs and protein, NMR spectroscopy and animal surgery is required. Experience in animal behavioral testing would also be advantageous. The successful candidate will be expected to have strong experimental skills as well as a significant track record of research accomplishments. They will have the ability to carry out independent creative research with tenacity and to the highest quality standards. Excellent organizational, record-keeping and English communication skills (both written and spoken) are required. We offer competitive salary and benefits, access to state-of-the art infrastructure and equipment and a highly interactive, stimulating and international work environment. The position will commence as soon as possible with an initial appointment for a one-year term.

### To Apply:

Interested candidate should send by email a statement of interest, a curriculum vitae, PDF files for the papers in which you are first or co-first author, and contact information for three referees.

Application instructions. Example - Forward your CV and contact information for three references to:

Dr. Nathalie Daude  
Centre for Prions and Protein Folding Diseases  
2-04 Brain and Aging Research Building  
116 Street and 85 Ave  
Edmonton AB T6G 2R3

E-mail: [daude@ualberta.ca](mailto:daude@ualberta.ca)

### Closing date:

Position open until filled.

**We thank all applicants for their interest; however, only those individuals selected for an interview will be contacted.**

*The University of Alberta is committed to an equitable, diverse, and inclusive workforce. We welcome applications from all qualified persons. We encourage women; First Nations, Métis and Inuit; members of visible minority groups; persons with disabilities; persons of any sexual orientation or gender identity and expression; and all those who may contribute to the further diversification of ideas and the University to apply.*