The UBC Department of Psychiatry in conjunction with UBC Department of Neurology is inviting eligible candidates to apply for a full-time Research Associate Position in Alzheimer’s disease research. The Research Associate will develop/design, implement and publish research studies related to the cellular processes associated with Alzheimer’s disease (AD). Methods of research will include but not be limited to: Mouse models of AD, cerebral organoids, induced pluripotent stem cells, transfections, multiphoton imaging techniques, electrophysiology and biochemical/molecular biology techniques.

Required duties will include:

- Designing and implementing research studies and related programs, including planning, managing, producing and analyzing the data
- Communicating with wet lab scientists in the day-to-day activities including but not limited to the data collection, quality control, data cleaning, data analysis, and presentation.
- Use IPS and stem cells in experiments
- Developing human 3D model systems
- Performing experiments using genetic transfections
- Use of animal models and following the ethical policies from the CCAC and ACC
- Preparing manuscripts and oversee submission
- Participating in grant applications in the field of neurosciences
- Maintaining safe and clean lab spaces used
- Mentor and supervise graduate, undergraduate and Co-op students

The successful candidate will work under the supervision of Professor Haakon Nygaard in the department of Neurology in the Faculty of Medicine and Professor Brian MacVicar in the department of Psychiatry in the Faculty of Medicine. The candidate will play a strong mentorship role for graduate, undergraduate and co-op students. This position is a collaborative position, working within two neuroscience labs. The position requires a strong research background in neuroscience and neuroinflammation.

The position requires research experience, excellent communication skills, tact, judgment, and discretion in working with various senior professionals and collaborating with internal and external agencies. Errors in decision making may compromise the reputation of the PI’s, the research team, and their collaborators, and funding.

Applicants will have a PhD in the field of neuroscience, or related field, with proven skills in the understanding of AD disease models and related neuronal processes, experience with IPSC’s and 3D tissue models, strong imaging and analysis skills, ability to work professionally with colleagues, donors, and staff, and compliance with approved procedures and ethics regulations. A good publication record in the area would be considered an asset.

The anticipated start date is January 1, 2022. This is a 1-year appointment subject to annual renewal. Salary will be commensurate with qualifications and experience. This position will operate out of the Djavad Mowafaghian Centre for Brain Health.
Dr. Haakon Nygaard & Dr. Brian MacVicar  
Djavad Mowafaghian Centre for Brain Health  
2215 Wesbrook Mall  
Vancouver, BC, V6T 1Z3  

Closing date: December 9, 2021  
Anticipated starting date of this position: January 1, 2022  

globally connected research community, providing unparalleled opportunities to learn, discover and contribute.  

Faculty members, students, staff and alumni in the UBC Faculty of Medicine are actively engaged in innovative, leading edge research, education and community service on university and hospital campuses across the Province. Together we aim to create knowledge and advance learning that will make a vital contribution to the health of individuals and communities, locally, nationally, and internationally.  

Equity and diversity are essential to academic excellence. An open and diverse community fosters the inclusion of voices that have been underrepresented or discouraged. We encourage applications from members of groups that have been marginalized on any grounds enumerated under the B.C. Human Rights Code, including sex, sexual orientation, gender identity or expression, racialization, disability, political belief, religion, marital or family status, age, and/or status as a First Nation, Metis, Inuit, or Indigenous person.

psychiatry.ubc.ca & med.ubc.ca