

Multi Career-Stage, Diversity Cluster Hire

## Three faculty positions at UBC to advance the cell therapies program

As one of the world's leading universities, the University of British Columbia creates an exceptional learning environment that fosters global citizenship, advances a civil and sustainable society, and supports outstanding research to serve the people of British Columbia, Canada and the world. At UBC, bold thinking is given a place to develop into ideas that can change the world. In alignment with UBC Faculty of Medicine's strategic plan [Building the Future 2021-2026](#), a recent [gift to UBC](#) will be used to establish the BC MS Cell Therapies Translational Research Network (MS Research Network), a world-class research and patient-care hub that will use the latest advances in cell and gene engineering to develop, manufacture, and test next-generation cell-based therapies.

**Our goal** is to use the latest advances in cell and immuno-engineering in autoimmunity to develop, manufacture, and test novel advanced therapeutics with the potential to transform patient care and experiences in BC and beyond. The MS Research Network will collaborate with research partners across the province, country and globe to leverage advancements with the potential to improve outcomes for patients with MS. It will also help augment clinical services for patients and their families.

Situated within BC's thriving biomanufacturing and life sciences ecosystem, the Network will benefit from and leverage capabilities established through UBC's [Academy of Translational Medicine](#) and our recently announced national research hub, [Canada's Immuno-Engineering and Biomanufacturing Hub](#), a UBC-led and anchored coalition of 50+ multi-sectoral partners (academic, private, public, and not-for-profit organizations from across Canada and internationally) with a vision to become a global epicentre for developing and manufacturing next-generation immune-based therapies. There has never been a more exciting time to join this vibrant, collaborative ecosystem.

The [School of Biomedical Engineering](#) is a partnership between the Faculties of Medicine and Applied Science, acting as a nucleus for education and training, research, and innovation in biomedical engineering, creating new knowledge, new academic and training programs, and fostering translation and innovation. Its vision is to transform health care outcomes through unconstrained exploration of the best possible integrative solutions across engineering, medicine, and biology. Through collaborative, innovative, and interdisciplinary approach and building on UBC academic and research excellence, the School of Biomedical Engineering aspires to be a global leader in biomedical engineering research, education and translation.

The [Djavad Mowafaghian Centre for Brain Health](#) brings together experts in the fields of neuroscience, neurology, psychiatry, and rehabilitation in a hub for training, research, and clinical care. The philosophy of the centre is to work with all facets of brain health, as knowledge gained from treating and investigating one disease of the brain will advance our understanding of others. The centre brings research closer to patients, providing British Columbians with better access to the best possible treatments.

We are looking for early and/or mid, and advanced career candidates for the following faculty positions that are open to all applicants with a PhD, and/or MD, or equivalent academic qualifications:

- One established investigator (Full Professor) with expertise in MS and experience in immunotherapy and/or cell therapy
- One emerging investigator (Assistant or Associate Professor) with expertise in neuro-engineering\*
- One emerging investigator (Assistant Professor) with expertise in immuno-engineering\*

Successful candidates will be primarily housed within the [Faculty of Medicine](#) and/or [Faculty of Applied Science](#) in the [Department of Medicine](#) and/or the [School of Biomedical Engineering](#). An appropriate academic unit will be identified at the time the successful candidates are selected, contingent upon the candidates' area of expertise. \*For appointments to the School of Biomedical Engineering, consideration will be given to candidates who hold a P.Eng. licence or who are eligible to obtain a P.Eng. license and consequently register for one with Engineers and Geoscientists BC. Individuals with quantitative science backgrounds such as Math, Computer Science, or Physics are also encouraged to apply if they are eligible for a Limited Licence with Engineers and

Geoscientists BC (see <https://www.egbc.ca/Registration/Individual-Registrants/How-to-Apply/Professional-Registration/Professional-Licensee> for details on the Limited Licence).

View the full advertisement and application instructions for each type of position here:

UBC Chair (Professor, tenure) in Cell Therapies for MS and Autoimmune Diseases	<a href="#">UBC Chair in Cell Therapies for MS and Autoimmune Diseases</a>
Assistant Professor (tenure track) / Associate Professor (tenure) in Molecular and Cellular Neuro-Bioengineering	<a href="#">Assistant/Associate Professor in Molecular and Cellular Neuro-Bioengineering</a>
Assistant Professor (tenure track) In Immuno-Bioengineering	<a href="#">Assistant Professor in Immuno-Bioengineering</a>

For queries, contact Neha Manjari Akella ([ms.researchnetwork@ubc.ca](mailto:ms.researchnetwork@ubc.ca)), Research Network Manager, BC MS Cell Therapies Translational Research Network, Faculty of Medicine, UBC.

The **University of British Columbia** is a global centre for research and teaching, consistently ranked among the top 20 public universities in the world. Since 1915, UBC's entrepreneurial spirit has embraced innovation and challenged the status quo. UBC encourages its students, staff and faculty to challenge convention, lead discovery and explore new ways of learning. At UBC, bold thinking is given a place to develop into ideas that can change the world.

#### **Our Vision: To Transform Health for Everyone.**

Ranked among the world's top medical schools with the fifth-largest MD enrollment in North America, the **UBC Faculty of Medicine** is a leader in both the science and the practice of medicine. Across British Columbia, more than 12,000 faculty and staff are training the next generation of doctors and health care professionals, making remarkable discoveries, and helping to create the pathways to better health for our communities at home and around the world.

The Faculty — comprised of approximately 2,200 administrative support, technical/research and management and professional staff, as well as approximately 650 full-time academic and more than 10,000 clinical faculty members — is composed of 19 academic basic science and/or clinical departments, three schools, and 23 research centres and institutes. Together with its University and Health Authority partners, the Faculty delivers innovative programs and conducts research in the areas of health and life sciences. Faculty, staff and trainees are located at university campuses, clinical academic campuses in hospital settings and other regionally based centres across the province.

The Faculty of Applied Science includes all UBC Engineering activities at both the UBC Vancouver and UBC Okanagan, as well as the Schools of Architecture and Landscape Architecture, Community and Regional Planning and Nursing. The Faculty was one of UBC's three founding faculties, admitting some of the University's first students in engineering in 1915. The Faculty includes over 300 full-time faculty members and more than 8,600 students.

The Faculty of Applied Science comprises a unique constellation of disciplines and is committed to creating lasting change by discovering and applying knowledge. Our core purpose is to discover, design, and innovate, provide unwavering top-tier education, and champion a community of responsible professionals devoted to serving a thriving, sustainable and healthy society. Our work and the professional disciplines we represent span the entire human-centred built environment. We represent innovation at all scales from nanoscale electronic devices that power communications to the design of entire cities.

The UBC Vancouver Campus is located on the traditional, ancestral, and unceded territory of the xʷm əθkʷəyəm (Musqueam) people. The City of Vancouver is located on Musqueam, Squamish, and Tsleil-Waututh First Nations territory.

*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. All qualified candidates are encouraged to apply; however Canadians and permanent residents will be given priority.*