

Tenure Track Faculty Position (Cell Biologist) Department of Anatomy and Cell Biology

The Department of Anatomy & Cell Biology, McGill University (<http://www.mcgill.ca/anatomy>) invites applications for **one Associate or Full Professor** tenure-track/tenured faculty position.

The applicant's research program should involve the application of cryo-electron microscopy to address novel questions in the fields of cell biology, molecular biology, structural biology, and other related fields. We seek candidates with notable research achievements that have the ability to develop a well-funded, independent research program and show a commitment to excellence in research and education. Candidates should have a Ph.D., postdoctoral or other research related experience and demonstrate ability to develop a vibrant research program. Applicants with experience in correlative light and electron microscopy, novel methods development, digital image processing and analysis, cryo-EM, and 3D EM methods are encouraged to apply. It is expected the senior scientist will take on the role of Core Director for the Facility for Electron Microscopy Research (FEMR).

The FEMR is a world-class research facility for the imaging and analysis of a wide range of biological and non-biological materials (www.mcgill.ca/femr). The FEMR comprises a complete range of electron and light microscopes, including the FEI Titan Krios (300 kV with Falcon 2 DDD and GIF2002), FEI Tecnai G² F20 cryo-FE-S/TEM (200 kV with 4 k x 4k CCD and EDS), FEI Tecnai G² Spirit 120 kV cryo-TEM, FEI Tecnai 12 TEM (120 kV), FEI Helios 660 DualBeam with Leica EM VCT100 cryo-transfer system, and FEI CorrSight digital fluorescent light microscope as well as complete ancillary equipment for sample preparation, and access to the high-performance computing infrastructure at Calcul Québec <http://www.calculquebec.ca/en/>.

The Department of Anatomy & Cell Biology offers suitable laboratory space and provides access to state-of-the-art facilities in cellular imaging, structural biology, genomics, including new generation sequencing and proteomics, tissue analysis, as well as mouse facilities with homologous recombination and transgenic services. These facilities provide all the necessary skills and highly specialized equipment for cutting edge research.

The level (Associate or Full Professor) and salary will be negotiable, according to the candidate's qualifications and experience.

Please submit your application electronically **within 30 days** of the publication of this posting at the following website: <http://www.mcgill.ca/medicine-academic/positionsavailable>.

Applications should include:

1. Your contact details, including email address and telephone number.
2. The date of your highest or most relevant degree earned and the name of the degree-granting institution
3. Cover Letter and Curriculum Vitae (combined into 1 .pdf document)
4. Statement of Research Interests (2 pages maximum) and Teaching Philosophy (2 pages maximum) combined into 1 .pdf document
5. The names and contact information for three references.

Applications will be reviewed as they are received.

McGill University is committed to diversity and equity in employment. It welcomes applications from: women, Aboriginal persons, persons with disabilities, ethnic minorities, persons of minority sexual orientation or gender identity, visible minorities, and others who may contribute to diversification. All qualified candidates are encouraged to apply; however, in accordance with Canadian immigration requirements, Canadians and permanent residents will be given priority.