

Séguéla lab- PDF openings

The Séguéla lab at the Montreal Neurological Institute is looking for two postdocs in molecular neuroscience to investigate the role of acid-sensing ion channels (ASICs) in chronic pain, in close collaboration with the biotech company Neurasic Therapeutics.

Under Pr. Séguéla's supervision, they will be expected to design and conduct experiments on the properties of novel ASIC ligands using single-cell patch clamp recording and calcium imaging, analyze the data and will be expected to present their results through oral presentations and preparations of written reports on a weekly basis. The candidates will have a PhD in neuroscience, pharmacology, physiology or related field, and a solid technical background in cell culture and electrophysiology. Knowledge of behavioral analysis and rodent preclinical assays is a bonus.

Strong communication skills and team-working ability are essential. These are HBHL/MITACS-funded positions (one year renewable). Canadian citizenship or permanent residence is required.

Interested applicants should submit their CV and cover letter to philippe.seguela@mcgill.ca.