

NEUROSCIENCE Trainee Meet & Greet

VISITING SPEAKER



Thursday, May 29th, 2025

1:00 PM - 2:00 PM

Kleysen Institute for Advanced
Medicine

Room SR 415

Lunch served

RSVP: Protiti.Khan@umanitoba.ca

DR. QI YUAN

Professor, Memorial University of Newfoundland, Faculty of Medicine.

Dr. Qi Yuan is a Professor of Neuroscience at the Faculty of Medicine, Memorial University of Newfoundland. She completed her Ph.D. at Memorial University and pursued research training at RIKEN Brain Science Institute, the Marine Biological Laboratory at Woods Hole, and HHMI/UCSD. Her research centers on the molecular and circuit mechanisms underlying learning and memory, with a particular focus on experience-dependent plasticity, neuromodulation, and the formation of memory-encoding neuronal ensembles. Dr. Yuan's work has advanced the understanding of associative learning and memory extinction across the lifespan, integrating behavioral, electrophysiological, and single-nucleus multiomic approaches. Her recent publications highlight novel insights into synaptic, molecular and gene regulatory processes supporting memory formation. In parallel, her research explores how early neurodegenerative changes, particularly in the locus coeruleus, alter cognitive function and resilience. Dr. Yuan currently holds a CIHR Project Grant and an NSERC discovery grant, and has contributed over 60 peer-reviewed publications. She has been recognized with the CIHR New Investigator Award, the Dean's Excellence in Research Award, and a JSPS Invitational Fellowship. She also serves as Associate Editor for *Frontiers in Cellular Neuroscience* and Editor for *Scientific Reports*, contributing broadly to the neuroscience community through editorial and grant review activities.

ALL TRAINEES WELCOME