

Yeni Yücel, M.D., Ph. D.

Professeur,
Dept. of Ophthalmology & Vision Sciences and Dept.
of Laboratory Medicine & Pathobiology
University of Toronto

Exploring Retinal Phenotypes in ALS in Quest for Non-invasive Eye Imaging Biomarkers

Vendredi 24 janvier 2025

12 h à 13 h

En présentiel

Pavillon Paul-G.-Desmarais | 2960, chemin de la Tour, **local 1120**

En ligne

<https://umontreal.zoom.us/j/81334546167?pwd=evSqoCY4bmfsMunwmmfymhWsaqpw3z.1>

Intérêts de recherche: Neurodegenerative Disorders, Vision, Brain, Radiology & Imaging

My major research interests relate to retina and optic nerve as a model to study neurodegenerative diseases such as glaucoma, age-related macular degeneration, Alzheimer disease and amyotrophic lateral sclerosis. We study the mechanisms underlying these pathologic conditions to develop new strategies to protect and regenerate neurons.

These research activities are integrated within a translational research program to improve the diagnosis and management of patients with various types of neural injury.

We are investigating also the role of the lymphatics in drainage of fluid and proteins from the eye and brain, in health and disease.

The state of the art techniques that we use are multispectral optoacoustic tomography, her optical coherence tomography, near infrared retinal imaging and hyperspectral microscopy.

Entrée libre

La conférence sera présentée en anglais

Personne-ressource pour rencontrer le conférencier : [Richard Robitaille](#)
richard.robitaille@umontreal.ca