

TUESDAY, SEPTEMBER 24, 2024

1:00-2:00PM

HYBRID - IN PERSON ROOM 1421 AND MS TEAMS



PRESENTED BY:

Izabella A. Pena, PhD

Scientist, CHEO-RI, Assistant Professor,
Faculty of Medicine, Dept. of Cellular and
Molecular Biology, uOttawa

Hosted by Dr. Diane Lagace

SEMINAR TITLE

**"GENETIC AND MECHANISTIC INVESTIGATION OF
VITAMIN B6 DISORDERS"**

Learning Objectives

1. Introduction to vitamin B6 (pyridoxine, PLP), PLP-dependent enzymes and relevance for human health
2. Pyridoxine-dependent epilepsy – clinical aspects, zebrafish disease modeling and insights on pathophysiology mechanisms.
3. How to find novel genes involved in vitamin B6 metabolism using genome wide CRISPR screens.