

RESEARCH SEMINAR SERIES

Drosophila in Rare Disease Diagnosis, Mechanisms & Precision Drugs

September 25, 2024 | 12:00 pm – 12:50 pm

164 Apotex Centre, Bannatyne Campus



Dr. Paul C. Marcogliese, PhD

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Dr. Paul C. Marcogliese is an Assistant Professor at the University of Department of Biochemistry & Medical Genetics. Dr. Marcogliese (MAR-CO-YAY-ZEE) conducted his doctoral studies at the University of Ottawa with David Park where he studied models of Parkinson's disease in mice, fruit flies, and cell culture. He conducted his postdoctoral work at Baylor College of Medicine in Houston with Hugo Bellen. There he learned sophisticated fly genetics and strategies in *Drosophila* to 1) assess disease variant function, 2) uncover biology, and 3) develop models for drug testing. Paul has recently started his lab at the University of Manitoba – Biochemistry and Medical Genetics where he continues to use both fly and mouse models to investigate the molecular and cellular mechanisms underlying neurological disease.