

CXCL12/CXCR4 Pathways and Imaging Workshop

April 18, 2019

9:00 am - 10:30 am

OPG, Room 6-114 (Classroom)

BACKGROUND

The CXCL12/CXCR4 pathway is ubiquitously expressed in many normal tissues and malignancies and has been implicated in carcinogenesis, malignant progression, the development of metastases and treatment response. In addition, the CXCL12/CXCR4 pathway is also important in the cardiovascular applications as it affects macrophages, as well as endothelial and vascular smooth muscle cells.

This workshop will explore the CXCL12/CXCR4 pathway and especially hybrid CXCR4-imaging (PET/CT and PET/MR) to stimulate engaging discussions and facilitating fruitful collaborations.

AGENDA

- 9:00am- **CXCR4 Imaging: Background and Opportunities at UHN**
Patrick Veit-Haibach, MD, Director PET/MR Program, JDMI
- 9:15am- **CXCL12/CXCR4 Pathways in Solid Tumours and Radiation Response**
Mike Milosevic, MD, Director of Research, RMP
- 9:30am- **CXCR4 Pathways in Leukemia**
Mark Minden, MD, PhD, Staff Physician/Senior Scientist, Princess Margaret Cancer Centre
- 9:45am- **CXCR4 in Cardiovascular Imaging**
Patrick Veit-Haibach, MD, Director PET/MR Program, JDMI
- 10:00am- **Moderated discussion**