3D, Spectral and Superresolution Imaging
(Intermediate/advanced level workshop - IMED 7302)

Date: June 17-28, 2019
Location: CancerCare Manitoba, Winnipeg, Manitoba, CANADA
Registration deadline May 10, 2019.

Topics:

a) bench work in the laboratory:
   i) Spectral imaging and SKY of mouse/human chromosomes
   ii) Fluorescence microscopy in 3D (manual, semi-automated and fully automated measurements and analysis).
   iii) Superresolution microscopy

b) imaging in the Genomic Centre for Cancer Research and Diagnosis:
   image acquisition of all samples prepared during the course; interactive image analysis

c) lectures by expert mentors in the field: theory and application of above imaging techniques in research and the clinic, discussion and data analysis of images acquired during the course. Lectures will also include Airy Scan, 3D Structured Illumination Microscopy, and single molecule localization microscopy.

d) journal clubs & round table discussion of current literature with experts in the field.

Registration: in order to register, please submit your CV and a short summary of why you are interest in this course to Dr. Sabine Mai, Workshop@umanitoba.ca. When registering, you are required to pay a registration fee. No applications will be accepted after May 10, 2019.

Early Bird Registration April 18, 2019: $1500 (Cdn) + Taxes
Registration May 10, 2019: $1800 (Cdn) + Taxes
Cancellations until May 10, 2019: Refund less a $500 administration fee
Cancellations after May 10, 2019: No refunds