

## WORKSHOP: “MICROSCOPY, OPTICS and IMAGING”

(Beginner level workshop – IMED 7300)

**Dates: November 13-17, 2017**

Location: CancerCare Manitoba, Winnipeg, Manitoba, CANADA

### TOPICS COVERED:

#### a) Bench work in the laboratory

#### 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

- Basic Microscopy, Live Cell Imaging, Digital Imaging and Documentation, Automated Sample Analysis
- Fluorescent Dyes, Probes, Instruments, Platforms and Applications
- Fluorescent in situ Hybridization, Different Types and Applications of Molecular Imaging
- Introduction to Human Cytogenetics
- FISH experiments, Imaging of Samples, Data Analysis and Discussion.

#### d) Journal clubs: Round table discussion of current literature in the field 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](mailto:Workshop@umanitoba.ca). When registering, you are required to pay a registration fee. **No applications will be accepted after October 20, 2017.** For more information please refer to our website [www.ITMHRT.ca](http://www.ITMHRT.ca)

Early Bird Registration until September 22, 2017

\$750 (Cdn) + Taxes

Registration until October 20, 2017:

\$850 (Cdn) + Taxes

Cancellations until October 20, 2017:

Refund less a \$500 administration fee

No Refunds after October 20, 2017

