

Immunostaining, Confocal Laser Scanning Microscopy (CLSM) & Image Analysis Workshop

Basic with Demo and Hands-on

18-20 August 2015

Tissue Engineering Centre, UKMMC

Workshop Agenda

Day 1 (18 August 2015): Immunostaining Workshop*

Introduction and Hands-on fluorescence staining on:

Fixed cultured human cells and Tissues

Live cell time-lapse imaging in static and ibidi pump system (flow assay)

[Click here for details](#)

Day 2 (19 August 2015): Basics on CLSM

Concept and application of CLSM, Super Resolution Microscopy

Live demo on CLSM, Fluorescence Microscope, Live imaging

Image Analysis

Day 3 (20 August 2015): Hands-on on CLSM*

Capturing fluorescence imaging on CLSM and Image Analysis

*limited to 20 seats

Who Should Attend

Clinical and Non-clinical researcher, Academician, Cell and Tissue culture specialist, Cell Biologist, Life scientist, Technical suppliers, Lab Managers & Technician and person who are interested in imaging technology.

Registration Fee

	Professional	Student
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Day 1	RM 954	RM 583
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Day 2-3	RM 848	RM 530
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Day 1-3	RM 1590	RM 954
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* 6% GST included

Registration Dateline:

12 August 2015

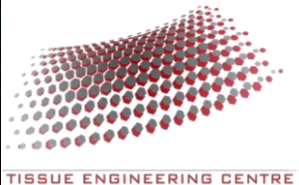
Registration Form:

<http://goo.gl/forms/CC3fRCFFlx>

For further information please contact

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Dr. Shiplu Roy Chowdhury (Tel: 0391457679; E-mail: shiplu@ppukm.ukm.edu.my)



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Day 1 IMMUNOSTAINING (IMMUNO-CYTOCHEMISTRY & HISTOCHEMISTRY)

0800-0900: Registration & Welcoming speech

0900-1000: Overview on immunostaining & Selection of antibodies and fluorochromes

1030-1300: Hands-on session 1

1400-1730: Hands-on session 2 and Troubleshooting

Day 2 BASICS ON CLSM & IMAGE ANALYSIS

0800-0900: Registration & Welcoming speech

0900-1030: Concept and application of Fluorescent Microscopy & CLSM

1100-1130: Concept and applications of stereomicroscopy & Super Resolution Microscopy

1130-1215: Scope of Image analysis

1330-1700: Demo on Wide field (*Time-lapse & Brightfield imaging*) and Confocal application (*Multichannel/multicolour, Spectral & 3D imaging*) and Image analysis

Day 3 HANDS-ON ON CLSM & IMAGE ANALYSIS

0830-1030: Hands-on Session 1 (Wide field application)

1100-1300: Hands-on session 2 (Confocal application)

1400-1600: Hands-on session 3 (Image Analysis)

1615-1700: Closing

SPEAKERS & FACILITATORS

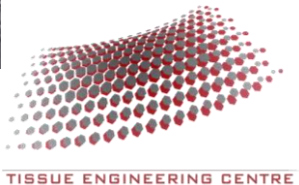
- Dr. Angela Ng Min Hwei (Research Fellow, Tissue Engineering Centre)
- Dr. Shiplu Roy Chowdhury (Research Fellow, Tissue Engineering Centre)
- Dr. Clement Khaw (Application Scientist, Nikon Singapore)
- Facilitators: Staff from Tissue Engineering Centre, ScienceWerke & MicroLAMDA

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