

Module D: Histology and Confocal Imaging

DAY 1		Basics in Histology	
12 th Oct 2016	AM	9.00-9.30	Registration (Room 3-3-01)
		Lecture Session (Room 3-3-01)	
		9:30 – 10:00	Briefing
		10:00 - 10:15	Morning Tea
		10:15 - 12:00	Basic histological/morphology techniques
	PM	12:00 – 1:00	Lunch
		Practical Session (Lab 3-3-15/3-3-39)	
		1.00-3.00	Tissue preparation and sectioning
		3.00 – 3.15	Afternoon Tea
		3.15 – 5.00	Immunohistochemistry/In situ hybridization

DAY 2		Immunohistochemistry/In Situ Hybridization		
13 th Oct 2016	AM		Practical Session (Lab 3-3-15/3-3-39)	
			Lecture Session (Room 3-3-01)	
		9:00 – 12:00	Immunohistochemistry In situ hybridization	
		10:00 - 10:15	Morning Tea	
	PM	10:15 - 12:00	Immunohistochemistry In situ hybridization	Basics of Immunohistochemistry and In situ hybridization
		12:00 – 1:00	Lunch	Technical tips of Immunohistochemistry and In situ hybridization
		1:00-3:00	Immunohistochemistry In situ hybridization	Multiple labeling techniques and application
		3:00 – 3:15	Afternoon Tea	
3:15 – 5:00	Immunohistochemistry In situ hybridization			

DAY 3		Confocal Microscope	
14th Oct 2016	AM	Lecture Session (Room 3-3-01)	
		9:00 – 10:00	Basics of Confocal Microscopy
		10:00 - 10:15	Morning Tea
		10:15 - 12:00	Application of Confocal Microscopy
	PM	12:00 – 1:00	Lunch
		Practical Session (Lab 3-3-15/3-3-39)	
		1:00-3:00	Immunohistochemistry/In situ hybridization Confocal Image Analysis
		3:00 – 3:15	Afternoon Tea
	3:15 – 5:00	Confocal/Spectra Image Data Analysis	



MONASH University
Malaysia

