

# Module E: Multiphoton Microscopy and Live Cell Imaging

DAY 1		Multiphoton microscope: Basics	
9 <sup>th</sup> Nov 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	Basics of Confocal and Multiphoton Microscope
	PM	12:00 – 1:00	Lunch
		Practical Session (Lab 3-3-39)	
		1:00 - 3:00	Confocal/Multiphoton Microscope
		3:00 – 3:15	Afternoon Tea
		3:15 – 5:00	Confocal/Multiphoton Microscope

DAY 2		Multiphoton microscope: Deep tissue imaging	
10 <sup>th</sup> Nov 2016	AM	Lecture Session (Room 3-3-01)	
		9:00 – 12:00	Basics of Deep Tissue Imaging
		10:00 - 10:15	Morning Tea
		10:15 - 12:00	Application of deep tissue imaging and tissue preparation
	PM	12:00 – 1:00	Lunch
		Practical Session (Lab 3-3-39)	
		1:00 - 3:00	Deep Tissue Imaging
		3:00 – 3:15	Afternoon Tea
		3:15 – 5:00	Deep Tissue Imaging

<b>DAY 3</b>		<b>Multiphoton microscope: Fast live cell imaging</b>	
<b>11<sup>th</sup> Nov 2016</b>	<b>AM</b>	<b>Lecture Session (Room 3-3-01)</b>	
		<b>9:00 – 12:00</b>	<b>Basics of Fast Live Imaging</b>
		<b>10:00 - 10:15</b>	<b>Morning Tea</b>
		<b>10:15 - 12:00</b>	<b>Application of Fast Live Imaging</b>
	<b>PM</b>	<b>12:00 – 1:00</b>	<b>Lunch</b>
		<b>Practical Session (Lab 3-3-39)</b>	
		<b>1.00 - 3.00</b>	<b>Fast Live Cell Imaging</b>
		<b>3.00 – 3.15</b>	<b>Afternoon Tea</b>
		<b>3.15 – 5.00</b>	<b>Fast Live Cell Imaging</b>



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