

Module B: Animal Care and Behavioural Study

DAY 1		Operational management of laboratory animal facilities and Laboratory Animal Procedural Techniques	
28 th Sep 2016	AM	8:30	Registration
		Lecture Session (Room 3-3-01)	
		9:00 – 11:00	<ul style="list-style-type: none"> • Introduction • SPF Animal Facility & Environmental Enrichment • Animal care and minimizing distress
		11:00 – 11:15	Morning Tea
		Practical Session (Lab 3-8-08)	
		11:15 – 1:00	<ul style="list-style-type: none"> • General handling • Injection (<i>Intraperitoneal injection, subcutaneous injection, oralgavage</i>) • Blood collection • Stereotaxic surgery and intracerebroventricular injection
	PM	1:00 – 2:00	Lunch
		Practical Session (Lab 3-8-08)	
		2:00 – 3:30	<ul style="list-style-type: none"> • Anesthesia (pre-anesthesia and post-anesthesia care) • Basic operation (Whole body dissection and major organ extraction, ovariectomy)
		3:30 – 3:45	Afternoon Tea
		3:45 – 4:45	<ul style="list-style-type: none"> • Post-surgical care
		4:30 – 5:00	Question and Answer Session



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DAY 2		Important factors in animal husbandry and care of laboratory animals for behaviour study	
29th Sep 2016	AM	Lecture Session (Room 3-3-01)	
		9:00 – 10:30	<ul style="list-style-type: none"> • Introduction • Animal Model and Handling for Behavior Study Motor Function and Sensory Ability for Behavior Study
		10:30-10:45	Morning Tea
		Practical Session (Lab 3-8-08)	
		10:45 – 1:00	<ul style="list-style-type: none"> • Anxiety Behavior • Social Behavior
	PM	1:00 – 2:00	Lunch
		Practical Session (Lab 3-8-08)	
		2:00 – 3:30	<ul style="list-style-type: none"> • Learning and Memory (Novel Object Recognition)
		3:30 – 3:45	Afternoon Tea
		3:45 – 4:30	<ul style="list-style-type: none"> • Data Analysis and Statistic
	4:30 – 5:00	Question and Answer Session	

DAY 3		Transgenic animals in Biomedical/Behaviour Study	
30th Sep 2016	AM	Lecture Session (Room 3-3-01)	
		9:00 – 10:30	<ul style="list-style-type: none"> • Introduction • Creation of Transgenic Animal • Transgenic Animals for Biomedical/Behaviour Study
		10:30-10:45	Morning Tea
		Practical Session (Lab 3-8-08)	
		10:45 – 1:00	<ul style="list-style-type: none"> • Social Behavior (social defeat, territorial behavior)
	PM	1:00 – 2:00	Lunch Break
		Practical Session (Lab 3-8-08)	
		2:00 – 3:30	<ul style="list-style-type: none"> • Place Preference Test
		3:30 – 3:45	Tea Break
		3:45 – 4:30	<ul style="list-style-type: none"> • Data Analysis and Statistic
	4:30 – 5:00	Question and Answer Session	