

Module A: Genome Editing and Detection

DAY 1	Genome Editing		
21 th Sep 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 and application of genome editing techniques
	PM	12:00 - 1:00	Lunch
		Practical Session (Lab 3-3-13)	
		1:00 - 3:00	Hands-on Session (guide RNA transfection)
		3:00 - 3:15	Afternoon Tea
		3:15 - 5:00	Hands-on Session (guide RNA transfection)

DAY 2	Real-time PCR		
22 th Sep 2016	AM	Lecture Session (Room 3-3-01)	
		9:00 - 10:00	Basics of Real-time PCR
		10:00 - 10:15	Morning Tea
		10:15 - 12:00	Application of Real-time PCR
		12:00 - 1:00	Lunch
	PM	Practical Session (Lab 3-3-13)	
		1:00 - 3:00	Hands-on Session (RNA extraction and cDNA synthesis)
		3:00 - 3:15	Afternoon Tea
		3:15 - 5:00	Hands-on Session (RNA extraction and cDNA synthesis)

DAY 3	Real-time PCR and DNA/RNA Microinjection		
23 th Sep 2016	AM	Practical Session (Lab 3-3-13)	
		9:00 - 10:00	Hands-on Session (Real-time PCR)
		10:00 - 10:15	Morning Tea
		10:15 - 12:00	Hands-on Session (Real-time PCR)
		12:00 - 1:00	Lunch
	PM	Practical Session (Lab 3-3-13)	
		1:00 - 3:00	Hands-on Session (Real-time PCR, microinjection of DNA/RNA)
		3:00 - 3:15	Afternoon Tea
		3:15 - 5:00	Hands-on Session (Real-time PCR, microinjection of DNA/RNA)



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