

TIMETABLE FOR SEMESTER I, 2009/2010

LSM1102 – MOLECULAR GENETICS

Module Coordinator: Dr Chew Fook Tim

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LECTURES: WEDNESDAYS
TIME/VENUE: 1600 – 1800 hrs (LT27)

PRACTICALS: MONDAYS
TIME: 1400 – 1800 hrs
VENUE: LS Lab 1&2@S1A Level 3

TUTORIALS: WEDNESDAYS (after lectures)
TIME/VENUE: 1800 – 1900 hrs (LT27)

LS Lab3 & 4@S1A Level 4
LS Lab 9 @MD4 Level 4

WK	MTH	LECTURES WEDNESDAY	TUTORIALS WEDNESDAY	PRACTICALS MONDAY
1.	Aug	12 – Introduction, Reproduction and Chromosome Transmission (Cellular Division: Mitosis and Meiosis) (WJL)	12 – Tutorial (WJL)	10 Public Holiday Note: Laboratory groupings will be announced in the IVLE after the first week when registration stabilizes – usually by alphabetical order
2.		19 – Gene Transfer/Mapping in Bacteria & Bacteriophages (WJL)	19 – Tutorial (WJL)	17 – Practical 1 (Group 1) - LS Lab9 (WJL, HYH)
3.		26 – Chromosome organization and structure (WJL)	26 – Tutorial (WJL)	24 – Practical 1 (Group 2) - LS Lab9 (WJL, HYH)
4.	Aug/Sep	02 – Recombination and Transposition (WJL)	02 – Continual Assessment 1 (WJL)	31 – Practical 2 (Group 1) - LS Lab9 (WJL, HYH)
5.	Sep	09 – Molecular structure of DNA and RNA (HYH)	09 – Tutorial (HYH)	07 – Practical 2 (Group 2) - LS Lab9 (WJL, HYH)
6.		16 – DNA replication (HYH)	16 – Tutorial (HYH)	14 – Practical 3 (Group 1) - LS Lab9 (WJL, HYH)
Recess week: Sat 19 Sep – Sun 27 Sep 2009 (1 week)				
7.	Sep/Oct	30 – Gene transcription and RNA processing (HYH)	30 – Tutorial (HYH)	28 – Practical 3 (Group 2) - LS Lab9 (WJL, HYH)
8.	Oct	07 – Translation of mRNA (HYH)	07 – Continual Assessment 2 (HYH)	05 – Practical 4 (Group 1 @ 2pm and Group 2 @4pm) (LYC, WJL, TLL) at LS Lab 9
9.		14 – Mendelian Genetics (CFT)	14 – Tutorial (CFT)	12 – Practical 5 (All Groups) - LS Lab1, 2 (CFT)
10.		21 – Sex Chromosomes & Sex Linkage (CFT)	21 – Tutorial (CFT)	19 – Practical 6 (All Groups) – - LS Lab1, 2 (CFT)
11.	Oct/Nov	28 – Variations to Mendelian Genetics, Penetrance, Expressivity, Pleiotropy and Linkage (CFT)	28 – Tutorial (CFT)	26 – Practical/Tutorial (All Groups) – venue to be determined (CFT)
12.	Nov	04 – Population Genetics – Hardy-Weinberg Equilibrium (CFT)	04 – Tutorial (CFT)	02 – Practical/Tutorial (All Groups) – venue to be determined (CFT)
13.		11 – Mutation & Selection, Fitness, Factors Maintaining Polymorphism e.g., Over-dominance (CFT)	11 – Continual Assessment 3 (CFT)	09 – Practical/Tutorial (All Groups) – venue to be determined (CFT)
READING PERIOD : Sat 14 Nov to Fri 20 Nov 2009 (1 week)				
EXAMINATION : Sat , 21 November 2009, 9 a.m.				
VACATION : Sun 06 Dec 2009 to Sun 10 Jan 2010 (5 weeks)				

Lecturers: Dr Chew Fook Tim (CFT); Dr He Yuehui (HYH); Dr Wu Jinlu (WJL)

29/6/09