

**526-201 PRINCIPLES OF MICROBIOLOGY AND IMMUNOLOGY  
LECTURE SCHEDULE 2009**

Lectures : 10am Monday Wednesday, Friday  
Public Lecture Theatre, Old Arts

C1-8 Computer tutorials to be completed at the end of the week specified

Week no/ beginning	Lecture no.	Lecture topic	Lecturer
1 Mon March 2	1 2 3	Introduction to Microbiology The microbial world Basic microbiological techniques	CJP
2 Mon March 9	4 5 6 C1	Genes: Structure, replication and mutation Genes: Expression and regulation Microbial recombination and plasmids <b>Microorganisms and Microbiology</b>	PMT
3 Mon March 16	7 8 9 C2	Bacterial cell structure and function Eucaryotic cell structure and function Bacterial growth and nutrition <b>Microbial genetics</b>	HBJ
4 Mon March 23	10 11 12 C3	Introduction to Immunity Humoral immunity T cells <b>Microbial cells</b>	AGB
5 Mon March 30	13 14 15	Innate immunity Immune response to pathogens Damaging immune responses	AGB
6 Mon April 6	16 17 C4	Controlling microbes: Sterilization and Disinfection Controlling microbes: Antibiotics <b>Immunology</b>	CJP
7 MID SEMESTER/ EASTER BREAK			
8 Mon April 20	18 19 C5	<b>MID SEMESTER EXAM</b> Basic epidemiology: host, pathogen and community Prevention of infectious disease by Public health measures <b>Control of microbial growth</b>	ELH
9 Mon April 27	20 21 22	Bacterial pathogenesis: adhesion and invasion Bacterial evasion of host immune responses Bacterial toxins	ELH
10 Mon May 4	23 24 25 C6	Host parasite relationships Skin, respiratory and gastrointestinal infections Sexually transmissible infections <b>Pathogenesis and prevention</b>	CJP
11 Mon May 11	26 27 28 C7	Viruses: introduction and classification Viral replication Viral pathogenesis 1 <b>Medical Microbiology</b>	LEB
12 Mon May 18	29 30 31 C8	Viral pathogenesis 2 Control of viral infections Emerging viral infections <b>Virology</b>	LEB
13 Mon May 25	32 33 34	Living with microorganisms: Food, soil, air and water <b>COURSE REVISION</b>	ELH CJP
Lecturers HBJ: Dr.Helen Billman-Jacobe; AB: Dr. Andrew Brooks; LEB: Assoc Prof Lorena Brown; ELH: Dr. Elizabeth Hartland. CJP: Cheryl Power; PMT: Dr. Paul Taylor;			

