

**526-201 PRINCIPLES OF MICROBIOLOGY AND IMMUNOLOGY
LECTURE and REVISION SESSION SCHEDULE 2007**

Lectures : 11am Monday and Friday, Public Lecture Theatre,

Old Arts:
building.

11am Wednesday, Sunderland Theatre. Medical

Revision sessions: 2.15pm Friday Public Lecture Theatre,

Old Arts.

Week	Lec no.	Lecture Topic	Lecturer
1 Mon Feb 26	1 2 3 R1	Introduction to microbiology Major groups of microorganisms Basic microbiological techniques Microorganisms and microbiology	CJP CJP CJP CJP
2 Mon March 5	4 5 6 R2	Microbial taxonomy and identification Structure and function of prokaryotic cells Structure and function of eukaryotic cells Cell structure and function	CJP CJP CJP CJP
3 Mon March 12	7 8 9 R3	Microbial growth Making and assembling the bacterial cell Microbial Metabolism-fueling and biosynthesis Microbial growth	DET DET DET DET
4 Mon March 19	10 11 12 R4	Control of microbial growth 1. Sterilization Control of microbial growth 2. Disinfection Control of microbial growth 3. Antibiotics Controlling microbes	CJP CJP CJP CJP
5 Mon March 26	13 14 15 16	Genes: Structure, replication & mutation Genes: Expression and regulation Microbial recombination and plasmids Recombinant DNA Technology	PT PT PT PT
6 Mon April 2	17 R5	Microbial Genomics Microbial genetics Good Friday - No lecture or revision session	PT PT
7 Mon April 9	MID SEMESTER BREAK		
8 Mon April 16	19 18 20 R6	Microbial evolution Archaeal diversity Bacterial diversity Microbial ecology	MDS MDS MDS MDS
9 Mon April 23	 21 22	Mid semester exam ANZAC DAY Innate immunity Humoral immunity	 AB AB
10 Mon April 30	23 24 25 R7	Cellular immunity Immune response to pathogens (1) Immune response to pathogens (2) Immunology	AB AB AB AB
11 Mon May 7	26 27 28 R8	Host parasite relationships. Skin and resp tract infections, GIT infections, Sexually transmissible infections Medical microbiology	CJP CJP CJP CJP

12	29	Introduction to viruses inc classification	LB
Mon	30	Viral replication	LB
May	31	Pathogenesis of viral infections (1)	LB
14	32	Pathogenesis of viral infections (2)	LB

13 Mon May 21	33 34 R9 R10	Control of viral infections Emerging viral infections Virology OPEN ASSESSMENT REVIEW SESSION	LB LB LB
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Lecturers:

AB: Dr. Andrew Brooks; LB: Dr. Lorena Brown; PT: Dr. Paul T aylor

CJP: Mrs. Cheryl Power. MDS: Dr. Mike Dyall-Smith; DET: Dr. David Tribe