

NATURAL SCIENCES TRIPOS PART IB PATHOLOGY - MICHAELMAS TERM 2011

(Course Organiser: Dr B Kingston; email: ibk1000@cam.ac.uk)

Lectures

*Monday, Wednesday & Friday 12 Noon
Chemical Laboratory Lecture Theatre (BMS)*

Practical Classes

*Tuesday and Friday 10-12 am or
Wednesday and Thursday 10-12 am or
Tuesday and Thursday 2-4 pm or
Wednesday and Friday 2-4 pm
Department of Pathology*

Lecture				Title	Lecturer	Date			Practical Title	Practical
						Th	6	Oct		
						F	7		Introduction to Normal Histology for NST students (1)	NHP1
L1	F	7	Oct	Disease and the eradication of disease	G L Smith	F	7		Introduction to Normal Histology for NST students (2)	NHP2
L2	M	10		Innate Immunity	Moffett	T	11		Introduction	P1
L3	W	12		Inflammation	Moffett	W	12			
L4	F	14		Complement	Moffett	Th	13		Acute inflammation	P2
						F	14			
L5	M	17		The Adaptive Immune System	Kelly	T	18		Chronic Inflammation / Repair	P3
L6	W	19		B Cells and Antibodies	Kelly	W	19			
L7	F	21		The Major Histocompatibility Complex	Kelly	Th	20		PSE (Peptic Ulcer)	P4
						F	21			
L8	M	24		T Cells	Kelly	T	25		Normal Immune System	P5
L9	W	26		Response to infection/Tolerance	Trowsdale	W	26			
L10	F	28		Autoimmunity	Trowsdale	Th	27		Precipitation and Agglutination	P6
						F	28			
L11	M	31		Hypersensitivity	Trowsdale	T	1	Nov	Complement	P7
L12	W	2	Nov	Transplantation	Trowsdale	W	2			
L13	F	4		Nature of Viruses	Minson	Th	3		Blood groups	P8
						F	4			
L14	M	7		Viral Multiplication in the Host Cell	Minson	T	8		Histology of Hypersensitivity (Tuberculosis)	P9
L15	W	9		Responses to Viral Infection	Minson	W	9			
L16	F	11		Acute and Chronic Infection	Minson	Th	10		PSE (Immune Suppressed Patients)	P10
						F	11			
L17	M	14		Epidemiology of Viral Infection	Minson	T	15		Growth of Animal Viruses	P11
L18	W	16		Combating Viral Infection	Minson	W	16			
L19	F	18		Prion Diseases	Minson	Th	17		Viral Haemagglutination / Histopathology	P12
						F	18			
L20	M	21		Introduction to Parasitic Diseases	Kingston	T	22		Detection of Virus Antibodies	P13
L21	W	23		Key Examples of Parasitic Diseases: Malaria	Kingston	W	23			
L22	F	25		Key Examples of Parasitic Diseases: Schistosomiasis	Kingston	Th	24		Parasitology: Protozoa	P14
						F	25			
L23	M	28		Fungi	Carmichael	T	29		Parasitology: Helminths	P15
L24	W	30		Fungi	Carmichael	W	30			

PLEASE NOTE The first lecture in Lent Term is on Wednesday, 18 January 2012. The first Practical Classes are on Thursday, 19 January, 2012.

NATURAL SCIENCES TRIPOS PART IB PATHOLOGY - LENT TERM 2012

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Lecture				Title	Lecturer				Practical Title	Practical
L25	W	18	Jan	Bacterial Disease - Past, Present and Re-emerging	Hughes	Th	19	Jan	Bacteriological Techniques	P16
L26	F	20		Bacteria: Prokaryotic Pathogens	Hughes	F	20			
						T	24		Visualizing Bacteria	P17
L27	M	23		Bacteria - Host Interaction: Pathogenicity	Hughes	W	25			
L28	W	25		Host Damage - Toxins, the Host Response	Hughes	Th	26		Antibiotics and toxins	P18
L29	F	27		Bacterial Pathogenicity in the Respiratory Tract	Hughes	F	27			
						T	31		Anaerobes	P19
L30	M	30		Bacterial Pathogenicity in the Gastrointestinal Tract	Hughes	W	1	Feb		
L31	W	1	Feb	Combating Bacterial Disease	Hughes	Th	2		Pyogenic cocci	P20
L32	F	3		Vascular reactions to injury	Coleman	F	3			
						T	7		Thrombosis / Infarction	P21
L33	M	6		Atherosclerosis	Coleman	W	8			
L34	W	8		Ischemia, infarction and their results	Coleman	Th	9		PSE (Vascular)	P22
L35	F	10		The Regulation of Tissue Growth and Organisation	Arends	F	10			
						T	14		Neoplasia of Glandular Epithelium	P23
L36	M	13		Clinical Pathology of Tumours	Arends	W	15			
L37	W	15		Biology of Tumours	Arends	Th	16		Neoplasia of Squamous Epithelium and Mesenchyme	P24
L38	F	17		Genetic Basis of Neoplasia	Arends	F	17			
						T	21		PSE (Neoplasia)	P25
L39	M	20		Causes of Cancer	Arends	W	22			
L40	W	22		Genes mutated in human cancer I	Edwards					
L41	F	24		Genes mutated in human cancer II	Edwards					
L42	M	27		New Therapeutic targets in cancer	Jodrell					
				IDHPI and Part IB Path						
L43	W	29		Emerging virus infections I	C Smith					
L44	F	2	Mar	Emerging virus infections II	C Smith					
L45	M	5		HIV	Efstathiou					
L46	W	7		Flu pandemics	Digard					
L47	F	9		Zoonoses – Toxoplasmosis	Ajioka					

NATURAL SCIENCES TRIPOS PART IB PATHOLOGY - LENT/EASTER TERM 2011

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Lectures

Monday, Wednesday & Friday 12 Noon

Chemical Laboratory Lecture Theatre

Lecture				Title	Lecturer				
L48	M	12		Zoonoses - Trypanosomiasis	Field				
L49	W	14		Zoonoses - Leishmaniasis	Field				
EASTER TERM									
L50	W	25	Apr	Tuberculosis	Kingston				
L51	F	27		Molecular aspects of prion diseases	Bujdoso				
L52	M	30		The evolution of pathogenic bacteria	Maskell				
L53	W	2	May	Bacterial zoonosis	Maskell				
L54	F	4		Emerging bacterial diseases, old and new	Brown				Revision Classes
						Th	10	May	Histopathology - am and pm
						Fri	11	May	Histopathology - am and pm
						W	16	May	Microbiology - am and pm
						Fri	18	May	Microbiology - am and pm