

**NATURAL SCIENCES TRIPOS PART IB PATHOLOGY - MICHAELMAS TERM 2012**

(Course Organiser: Dr B Kingston; email: [ibk1000@cam.ac.uk](mailto: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		Oct		
						Th	4	Oct	Introduction to Normal Histology for NST students (1)	NHP1
L1	F	5	Oct	Introduction to Pathology	Moffett	F	5		Introduction to Normal Histology for NST students (2)	NHP2
L2	M	8		Innate Immune System	Moffett	T	9		Introduction	P1
L3	W	10		Acute Inflammation: Defence Mechanisms	Moffett	W	10			
L4	F	12		NK cells. Induction of adaptive Immune Response	Moffett	Th	11		Acute inflammation	P2
						F	12			
L5	M	15		The Adaptive Immune System	Kelly	T	16		Chronic Inflammation / Repair	P3
L6	W	17		B Cells and Antibodies	Kelly	W	17			
L7	F	19		The Major Histocompatibility Complex	Kelly	Th	18		PSE (Peptic Ulcer)	P4
						F	19			
L8	M	22		T Cells	Kelly	T	23		Normal Immune System	P5
L9	W	24		Tolerance	Trowsdale	W	24			
L10	F	26		Autoimmunity	Trowsdale	Th	25		Precipitation and Agglutination	P6
						F	26			
L11	M	29		Hypersensitivity	Trowsdale	T	30		Complement	P7
L12	W	31		Transplantation	Trowsdale	W	31			
L13	F	2	Nov	The Nature of Viruses	G L Smith	Th	1	Nov	Blood groups	P8
						F	2			
L14	M	5		Consequences of Viral Infection	G L Smith	T	6		Histology of Hypersensitivity (Tuberculosis)	P9
L15	W	7		Viruses in the Multicellular Host	G L Smith	W	7			
L16	F	9		How Viruses Persist and are transmitted	G L Smith	Th	8		PSE (Immune Suppressed Patients)	P10
						F	9			
L17	M	12		Influenza and AIDS	G L Smith	T	13		Growth of Animal Viruses	P11
L18	W	14		Preventing and treating Virus Infection	G L Smith	W	14			
L19	F	16		Introduction to Parasitic Diseases	Kingston	Th	15		Viral Haemagglutination / Histopathology	P12
						F	16			
L20	M	19		Key Examples of Parasitic Diseases: Malaria	Kingston	T	20		Detection of Virus Antibodies	P13
L21	W	21		Key Examples of Parasitic Diseases: Schistosomiasis	Kingston	W	21			
L22	F	23		Parasitology: Encounter and Survival	Kingston	Th	22		Parasitology: Protozoa	P14
						F	23			
L23	M	26		Characteristics of Fungi	Carmichael	T	27		Parasitology: Helminths	P15
L24	W	28		Systemic Fungal Infections	Carmichael	W	28			

PLEASE NOTE The first lecture in Lent Term is on Wednesday, 16 January 2013. The first Practical Classes are on Thursday, 17 January, 2013.

NATURAL SCIENCES TRIPOS PART IB PATHOLOGY - LENT TERM 2013

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Lecture				Title	Lecturer				Practical Title	Practical
L25	W	16	Jan	Bacterial Disease - Past, Present and Re-emerging	Fraser	Th	17	Jan	Bacteriological Techniques	P16
L26	F	18		Bacteria: Prokaryotic Pathogens	Fraser	F	18			
						T	22		Visualizing Bacteria	P17
L27	M	21		Bacteria - Host Interaction: Pathogenicity	Fraser	W	23			
L28	W	23		Host Damage - Toxins, the Host Response	Fraser	Th	24		Antibiotics and toxins	P18
L29	F	25		Bacterial Pathogenicity in the Respiratory Tract	Fraser	F	25			
						T	29		Anaerobes	P19
L30	M	28		Bacterial Pathogenicity in the Gastrointestinal Tract	Fraser	W	30			
L31	W	30		Combating Bacterial Disease	Fraser	Th	31		Pyogenic cocci	P20
L32	F	1	Feb	Vascular reactions to injury	Coleman	F	1	Feb		
						T	5		Thrombosis / Infarction	P21
L33	M	4		Atherosclerosis	Coleman	W	6			
L34	W	6		Ischemia, infarction and their results	Coleman	Th	7		PSE (Vascular)	P22
L35	F	8		The Regulation of Tissue Growth and Organisation	Arends	F	8			
						T	12		Neoplasia I: glandular epithelium, mesenchyme & haem.	P23
L36	M	11		Clinical Pathology of Tumours	Arends	W	13			
L37	W	13		Biology of Tumours	Arends	Th	14		Neoplasia II: squamous epithelium & other	P24
L38	F	15		Genetic Basis of Neoplasia	Arends	F	15			
						T	19		PSE (Neoplasia)	P25
L39	M	18		Causes of Cancer	Arends	W	20			
L40	W	20		<i>No lecture</i>						
L41	F	22		Cancer Epidemiology	Pharaoh					
L42	M	25		New Therapeutic targets in cancer	Jodrell					
				<b>IDHPI and Part IB Path</b>						
L43	W	27		Noroviruses	Goodfellow					
L44	F	1	Mar	Emerging virus infections I	C Smith					
L45	M	4		Emerging virus infections II	C Smith					
L46	W	6		Viral hepatitis: causes, consequences and cures	C Smith					
L47	F	8		Zoonoses – Toxoplasmosis	Ajioka					

**NATURAL SCIENCES TRIPOS PART IB PATHOLOGY - LENT/EASTER TERM 2013**

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*Lectures*

*Monday, Wednesday & Friday 12 Noon*

*Chemical Laboratory Lecture Theatre*

Lecture				Title	Lecturer					
L48	M	11		Zoonoses - Trypanosomiasis	Field					
L49	W	13		Zoonoses - Leishmaniasis	Field					
<b>EASTER TERM</b>										
L50	W	24	Apr	Emerging bacterial diseases, old and new	Brown					
L51	F	26		Molecular aspects of prion diseases	Bujdoso					
L52	M	29		The evolution of pathogenic bacteria	Maskell					
L53	W	1	May	Bacterial zoonosis	Maskell					
L54	F	3		Tuberculosis	Kingston					<b>Revision Classes</b>
						<b>Th</b>	<b>9</b>	<b>May</b>	<b>Histopathology - am and pm</b>	
						<b>Fri</b>	<b>10</b>	<b>May</b>	<b>Histopathology - am and pm</b>	
						<b>W</b>	<b>15</b>	<b>May</b>	<b>Microbiology - am and pm</b>	
						<b>Fri</b>	<b>17</b>	<b>May</b>	<b>Microbiology - am and pm</b>	