

NATURAL SCIENCES TRIPOS PART IB PATHOLOGY – MICHAELMAS TERM 2016

(Course Organiser: Dr S Turner: email sdt36@cam.ac.uk)

*Lectures*

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

*Practical Classes (Department of Pathology)*

*Tuesday and Friday am 10-12 or Wednesday and Thursday am 10-12 or  
Tuesday and Thursday pm 2-4,  
Wednesday and Friday pm 2-4.*

Lecture				Title	Lecturer	Date			Practical Title	Practical
						Th	6	Oct		
L1	F	7	Oct	Disease and Immunity	Kaufman	F	7		Introduction to Normal Histology for NST students (1)	NHP1
									Introduction to Normal Histology for NST students (2)	NHP2
L2	M	10		Innate Immunity	Kaufman	T	11		Introduction	P1
L3	W	12		Inflammation	Kaufman	W	12			
L4	F	14		Complement	Kaufman	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
	W	26		<b>Free</b>		W	26			
L9	F	28		Tolerance	Trowsdale	Th	27		Precipitation and Agglutination	P6
						F	28			
L10	M	31		Autoimmunity	Trowsdale	T	1	Nov	Complement	P7
L11	W	2	Nov	Hypersensitivity	Trowsdale	W	2			
L12	F	4		Transplantation	Trowsdale	Th	3		Blood groups	P8
						F	4			
	M	7		<b>Free</b>		T	8		Histology of Hypersensitivity (Tuberculosis)	P9
L13	W	9		The Nature of Viruses	Smith	W	9			
L14	F	11		Consequences of Viral Infection	Smith	Th	10		PSE (Immune Suppressed Patients)	P10
						F	11			
L15	M	14		Viruses in the Multicellular Host	Smith	T	15		Growth of Animal Viruses	P11
L16	W	16		Virus Persistence and Transmission	Smith	W	16			
L17	F	18		Influenza and Hepatitis Viruses	Smith	Th	17		Viral Haemagglutination / Histopathology	P12
						F	18			
L18	M	21		AIDS, Ebola and Prions	Smith	T	22		Detection of Virus Antibodies	P13
L19	W	23		Preventing and Treating Virus Infection	Smith	W	23			
L20	F	25		Characteristics of Fungi	Carmichael	Th	24			
						F	25			
L21	M	28		Systemic Fungal Infections	Carmichael	T	29			
	W	30		<b>Free</b>		W	30			
	F	2	Dec	<b>Free</b>		Th	1	Dec		
						F	2			

**LENT TERM 2017**

Lecture				Title	Lecturer				Practical Title	Practical
L22	W	18	Jan	Bacterial Disease - Past, Present and Re-emerging	Hughes	Th	19	Jan	Bacteriological Techniques	P14
L23	F	20		Bacteria: Prokaryotic Pathogens	Hughes	F	20			
						T	24		Visualizing Bacteria	P15
L24	M	23		Bacteria - Host Interaction: Pathogenicity	Hughes	W	25			
L25	W	25		Host Damage - Toxins, the Host Response	Hughes	Th	26		Antibiotics and toxins	P16
L26	F	27		Bacterial Pathogenicity in the Respiratory Tract	Hughes	F	27			
						T	31		Anaerobes	P17
L27	M	30		Bacterial Pathogenicity in the Gastrointestinal Tract	Hughes	W	1	Feb		
L28	W	1	Feb	Combating Bacterial Disease	Hughes	Th	2		Pyogenic cocci	P18
	F	3		<b>Free</b>		F	3			
						T	7			
L29	M	6		Review: The Immune System against Pathogens	Kelly	W	8			
L30	W	8		Introduction to Parasitic Diseases	Ajioka	Th	9		Parasitology: Protozoa	P19
L31	F	10		Key Examples of Parasitic Diseases: Malaria	Ajioka	F	10			
						T	14		Parasitology: Helminths	P20
L32	M	13		Key Examples of Parasitic Diseases: Schistosomiasis	Ajioka	W	15			
L33	W	15		Parasitology: Encounter and Survival	Ajioka	Th	16			
	F	17		<b>Free</b>		F	17			
						T	21			
L34	M	20		Vascular reactions to injury	Coleman	W	22			
L35	W	22		Atherosclerosis	Coleman	Th	23		Thrombosis / Infarction	P21
L36	F	24		Ischaemia, infarction and their results	Coleman	F	24			
						T	28		PSE (Vascular)	P22
L37	M	27		Anaemia	Coleman	W	1	Mar		
L38	W	1	Mar	The nature of cancer	Edwards	Th	2		Neoplasia I: glandular epithelium, mesenchyme & haem.	P23
L39	F	3		Cancer as an evolutionary process	Edwards	F	3			
						T	7		Neoplasia II: squamous epithelium & other	P24
L40	M	6		Cancer mechanisms	Edwards	W	8			
L41	W	8		The cancer genome	Edwards	Th	9		PSE (Neoplasia)	P25
L42	F	10		Causes of cancer	Edwards	F	10			
L43	M	13		Cancer Therapy Present and Future	Edwards					
				<b>NST Extension</b>						
				<b>The Future of Disease – New Threats, New Insights</b>						
L44	T	14	<b>6pm</b>	Virus Evolution and host resistance ( <i>Lecture Theatre, Dept. of Pathology</i> )	C Smith					
L45	W	15		Factors driving virus disease emergence	C Smith					
L46	F	17		Impact of emerging viruses on disease	C Smith					

