

**UNIVERSITY OF CAMBRIDGE : DEPARTMENT OF PATHOLOGY
NATURAL SCIENCES TRIPOS
PART II PATHOLOGY
2012- 2013**

MICROBIOLOGY AND PARASITOLOGY

Organiser: Dr I.B. Kingston (tel. 33330, email: mpd-organiser@path.cam.ac.uk)

Lectures will be given in the Pathology Lecture Theatre at Tennis Court Road unless stated otherwise.

MICHAELMAS TERM 2012

Wed	Oct	3	3.00 pm		Introduction to Part II	Smith, G L
Fri	Oct	5	9.00 am	1	Bacterial signalling and communication	Fraser
Mon	Oct	8	9.00 am	2	Host Cell Biology	Fraser
Wed	Oct	10	9.00 am	3	Bacterial motility I	Evans
Fri	Oct	12	9.00 am	4	Bacterial motility II	Evans
Mon	Oct	15	9.00 am	5	Colonization of host surfaces I	Fraser
Mon	Oct	15	10.00–10.20 am		Journal Presentations introduction	Fraser
Wed	Oct	17	9.00 am	6	Colonization of host surfaces II	Fraser
Fri	Oct	19	9.00 am	7	Extracellular survival I	Koronakis
Mon	Oct	22	9.00 am	8	Extracellular survival II	Koronakis
Wed	Oct	24	9.00 am	9	Entry into host cells	Humphreys
Fri	Oct	26	9.00 am	10	Intracellular and intercellular spread	Humphreys
Mon	Oct	29	9.00 am	11	Intracellular survival I	Koronakis
Wed	Oct	31	9.00 am	12	Intracellular survival II	Koronakis
Fri	Nov	2	9.00 am	13	Protein toxins I	Hume
Mon	Nov	5	9.00 am	14	Protein toxins II	Hume
Wed	Nov	7	9.00 am	15	Protein toxins III	Hume
Fri	Nov	9	9.00 am	16	Protein toxins IV	Hume
Mon	Nov	12	9.00 am	17	Vaccines	Fraser

Mon	Nov	12	10.00 – 11.10 am		Journal Presentations (Single Subject) *	Fraser Koronakis
Wed	Nov	14	9.00 am		<i>No Lecture</i>	Fraser
Wed	Nov	14	10.00 – 11.10 am		Journal Presentations (Single Subject) *	Fraser Koronakis
Fri	Nov	16	9.00 am		<i>No Lecture</i>	Fraser
Fri	Nov	16	10.00 – 11.10 am		Journal Presentations (Single Subject) *	Fraser Koronakis
Mon	Nov	19	9.00 am	18	Antibiotic resistance I	Fraser
Mon	Nov	19	10.00 – 11.10 am		Journal Presentations (Single Subject) *	Fraser Koronakis
Wed	Nov	21	9.00 am	19	Antibiotic resistance II	Fraser
Wed	Nov	21	10.00 – 11.10 am		Journal Presentations (Single Subject) *	Fraser Koronakis
Fri	Nov	23	9.00 am	20	Antibiotic resistance III	Fraser
Fri	Nov	23	10.00 – 11.10 am		Journal Presentations (Single Subject) *	Fraser Koronakis
Mon	Nov	26	9.00 am	21	Fungal infections	N. Brown
Mon	Nov	26	12.30 pm	22	Experimental approaches to pathogenicity I	Fraser
Tues	Nov	27	12.30 pm	23	Experimental approaches to pathogenicity II	Fraser
Wed	Nov	28	9.00 am	24	Fungal Infections and HIV	Carmichael
Fri	Nov	30	9.00 am		<i>No lecture</i>	
<p>⚡ Bibliographic IT training will be held at the Medical Library, Addenbrooke's Site and the Kanthack & Nuttall Library, Department of Pathology. Students need only to attend one of the sessions. Please complete the form available at https://www.surveymonkey.com/s/BiblioSession-Part2Path-2012 to select the session you will attend. The dates are Thurs 4 October, Tue 9 October, Thurs 11 October, Fri 12 October, Mon 15 October, Tue 16 October, Thurs 18 October and Tue 23 October.</p> <p>* Seminar Room</p>						

UNIVERSITY OF CAMBRIDGE : DEPARTMENT OF PATHOLOGY
NATURAL SCIENCES TRIPOS
PART II PATHOLOGY
LENT TERM 2013

Major Protozoal Diseases						
Wed	Jan	16	9.00 am	25	Malaria: pathogenesis	Kingston
Fri	Jan	18	9.00 am	26	Malaria: pathogenesis	Kingston
Mon	Jan	21	9.00 am	27	Malaria: immunity & control	Kingston
Wed	Jan	23	9.00 am	28	Babesia & Theileria: pathogenicity & control	Kingston
Fri	Jan	25	9.00 am	29	Toxoplasmosis: pathogenesis	Ajioka
Mon	Jan	28	9.00 am	30	Toxoplasmosis: cell biology	Ajioka
Wed	Jan	30	9.00 am	31	Toxoplasmosis: genetics	Ajioka
Fri	Feb	1	9.00 am	32	Coccidiosis: pathogenesis	Blake
Fri	Feb	1	11.30 am	33	Coccidiosis: control	Blake
Mon	Feb	4	9.00 am	34	Trypanosomatids: Pathogenesis, transmission & control 1	Field
Wed	Feb	6	9.00 am	35	Trypanosomatids: Pathogenesis, transmission & control 2	Field
Wed	Feb	6	10.15 am – 11.15 am		Journal Presentations (Single Subject) *	Kingston
Fri	Feb	8	9.00 am	36	Trypanosomatids: Pathogenesis, transmission & control 3	Field
Wed	Feb	13	10.15 am – 11.15 am		Journal Presentations (Single Subject) *	Kingston/ Field

Major Helminth Diseases

Fri	Feb	15	9.00 am	39	Introduction to helminths	Dunne
Fri	Feb	15	2.00 pm	37	Protozoa functional genomes	Field
Fri	Feb	15	3.00 pm	38	Surface molecules in trypanosomatids: roles in immune evasion and virulence	Field
Mon	Feb	18	9.00 am	40	Schistosomiasis: epidemiology & morbidity 1	Dunne
Wed	Feb	20	9.00 am	41	Schistosomiasis: epidemiology & morbidity 2	Dunne

Fri	Feb	22	9.00 am	42	Schistosomiasis: mechanisms of immunity	Fitzsimmons
Mon	Feb	25	9.00 am	43	Cestodes: pathogenicity & control	Kingston
Wed	Feb	27	9.00 am	44	Gut nematodes: pathogenicity & control I	Kingston
Wed	Feb	27	10.15 am – 11.15 am		Journal Presentations (Single Subject) *	Kingston/ Dunne
Fri	Mar	1	9.00 am	45	Gut nematodes: pathogenicity & control II	Kingston
Mon	Mar	4	9.00 am	46	Immune responses in nematode infections	Dunne
Wed	Mar	6	10.15 am – 11.15 am		Journal Presentations (Single Subject) *	Kingston/ Fitzsimmons
Mon	Mar	11	9.00 am		<i>No Lecture</i>	
Mon	Mar	11	1.45 – 2.45	47	Chemotherapy: anti-protozoal strategies **	de Koning
Mon	Mar	11	2.45 – 3.45	48	Chemotherapy: anti-helminth strategies **	de Koning
Fri	Mar	15	9 am – 11 am		Microbiology and Parasitology review of Data Handling Questions*	Kingston

EASTER TERM 2013

Wed	Apr	24	9.00 am	49	Lymphatic filariasis: infection & control	Michael
Wed	Apr	24	10.15 am	50	Lymphatic filariasis: control	Michael
Fri	Apr	26	9.00 am	51	Epidemiology I: parasite population biology 1	Michael
Fri	Apr	26	10.15 am	52	Epidemiology II: parasite population biology 2	Michael
Mon	Apr	29	9 am	53	Epidemiology III: disease burden & control	Michael
Mon	Apr	29	10.15 am	54	Epidemiology IV: climate change & health	Michael
Wed	May	1	10.00 am - 4.00 pm		Part II Project Seminars*	Kingston

*Seminar Room – Dept. of Pathology, T.C.R.

**Hodgkin Huxley Seminar Room, Dept. of Physiology, Development and Neuroscience (PDN).