

UNIVERSITY OF CAMBRIDGE : DEPARTMENT OF PATHOLOGY
NATURAL SCIENCES TRIPOS
PART II PATHOLOGY
2011 - 2012

IMMUNOLOGY OPTION

Organiser: Prof J. Kaufman (e-mail: imm-organiser@path.cam.ac.uk, telephone: 766423)

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

Tutorials marked with an asterisk take place in the Seminar Room, tutorials marked with two asterisks take place in the Dixon Room and tutorials marked with three asterisks take place in the Greaves Room, Tennis Court Road.

Bibliographic IT training will be held in the University Library. Students need only to attend one of the sessions. Please complete the form available at <https://www.surveymonkey.com/s/path-october2011> to select the session you will attend.

All those who undertake a Research Project will have the opportunity to present their work at a day of Project Presentations starting at 10:00 am on Thursday 26th April 2012 in the Seminar Room. Details will be emailed to students closer to the date.

In preparation for the “practical exam” on data handling, there will be two Data Interpretation Skills Workshops from 3:30-5 pm on Tuesday 8th May and Thursday 10th May 2012 in the Lecture Theatre. Details will be emailed to students closer to the date.

Please note that in addition to the formal lecture series above we strongly encourage Immunology students to attend as many of the Immunology seminars in Cambridge as possible. Every Wednesday at 12:30 pm during term (and some weeks out of term), there are pertinent seminars in the Pathology Building on Tennis Court Road as part of the “Immunology in Pathology” series. There are also pertinent seminars every Friday at 1:00 pm as part of the “Immunology and Medicine” series at Cambridge Institute for Medical Research (CIMR). Both of these series are advertised on the main notice boards and at www.talks.cam (search for Immunology).

Updates to the information on this timetable will appear on the Departmental Web Server: www.path.cam.ac.uk, click on Undergraduate Teaching, then Third Year (part II teaching), then Timetables (or go directly to <http://www.path.cam.ac.uk/undergraduate/part2/timetables.html>)

MICHAELMAS TERM 2011

Wed	Oct	5	3pm		Introduction to Part II	G L Smith
Thu	Oct	6	5pm	1	An overview of the immune response	Kaufman
Sat	Oct	8	10.15am	2	Innate immunity: overview	Kaufman
Tue	Oct	11	5pm	3	Innate immunity: pattern recognition receptors	Bryant
Wed	Oct	12	3:30-5 pm		**Tutorial	Kaufman
Thu	Oct	13	5pm	4	Innate immunity: pattern recognition receptors	Bryant
Sat	Oct	15	10.15am	5	Innate immunity: intracellular defences	Randow
Tue	Oct	18	5pm	6	Innate immunity: antimicrobial peptides	Deane
Wed	Oct	19	3:30-5 pm		*Tutorial	Bryant
Thu	Oct	20	5pm	7	Major histocompatibility complex	Trowsdale
Sat	Oct	22	10.15am	8	Major histocompatibility complex	Trowsdale
Tue	Oct	25	5pm	9	Major histocompatibility complex	Kaufman
Thu	Oct	27	5pm	10	Antigen Presentation by class II molecules	Kelly
Fri	Oct	28	3:30-5 pm		*Tutorial	Kelly-Trowsdale
Sat	Oct	29	10.15am	11	Antigen Presentation by class I molecules	Lehner
Tue	Nov	1	5pm	12	Immunoglobulin structure and function	Clark
Thu	Nov	3	5pm	13	Immunoglobulin and T cell receptor genes	Clark
Fri	Nov	4	3:30-5 pm		*Tutorial	Clark
Sat	Nov	5	10.15am	14	Cytokines	Barlow
Sat	Nov	5	11:30am	15	Chemokines	Barlow
Tue	Nov	8	5pm	16	Lymphocyte signalling: TCR and BCR	Rudd
Thu	Nov	10	5pm	17	Lymphocyte signalling: cytokines and chemokines	Rudd
Fri	Nov	11	3:30-5 pm		***Tutorial	Fearon
Sat	Nov	12	10:15am	18	Lymphocyte signalling: co-stimulatory molecules	Schneider
Tue	Nov	15	5pm	19	T cell-target interaction	Griffiths
Thu	Nov	17	5pm	20	T cell-target interaction	Griffiths
Fri	Nov	18	3:30-5 pm		*Tutorial	Griffiths
Sat	Nov	19	10.15 am	21	Dendritic cells	Duncan
Tue	Nov	22	5pm	22	T cell subsets	Zaccone
Wed	Nov	23	3:30-5 pm		***Tutorial	Duncan
Thu	Nov	24	5pm	23	Lymphoid tissue architecture	Clatworthy
Sat	Nov	26	10.15am	24	Lymphoid cell trafficking	Clatworthy
Sat	Nov	26	11:30am	25	B cell development and subsets	Corcoran
Tue	Nov	29	5pm	26	Mucosal Immunology	Stagg
Wed	Nov	30	3:30-5 pm		**Tutorial	Clatworthy
Thu	Dec	1	5pm	27	B cell response to antigen	Clatworthy

LENT TERM 2012

Tue	Jan	17	5pm	28	Evolution of immunity	Kaufman
Wed	Jan	18	3:30-5 pm		*Tutorial	Kaufman
Thu	Jan	19	5pm	29	NK cell Receptors	Colucci
Fri	Jan	20	3.30-5pm		Techniques Tutorial	Kaufman
Sat	Jan	21	10.15 am	30	NK cell Genes and Education	Colucci
Tue	Jan	24	5pm	31	NK cells in Transplantation, Reproduction, Infection and Cancer	Colucci
Wed	Jan	25	3:30-5 pm		*Tutorial	Colucci
Thu	Jan	26	5pm	32	Reproductive Immunology	Moffett
Fri	Jan	27	3.30-5pm		Techniques Tutorial	Kaufman
Sat	Jan	28	10.15am	33	Reproductive Immunology	Moffett
Tue	Jan	31	5pm	34	Reproductive Immunology	Moffett
Wed	Feb	1	3:30-5 pm		*Tutorial	Moffett
Thu	Feb	2	5pm	35	Viral Immunology	Blacklaws
Fri	Feb	3	3.30-5pm		Techniques Tutorial	Kaufman
Fri	Feb	3	5pm	36	Viral Immunology	Blacklaws
Sat	Feb	4	10.15am	37	Vaccinology	Mastroeni
Mon	Feb	6	5pm	38	Viral Immunology	Blacklaws
Tue	Feb	7	5pm	39	Viral immune evasion	Boname
Wed	Feb	8	5pm	40	Viral immune evasion	Boname
Thu	Feb	9	5pm	41	Viral immune evasion	G L Smith
Sat	Feb	11	10.15am	42	Parasite Immunology	Wilson
Tue	Feb	14	5pm	43	Parasite Immunology	Zaccone
Wed	Feb	15	3:30-5 pm		*Tutorial	Wilson/Zaccone
Thu	Feb	16	5pm	44	Complement	Holmes
Sat	Feb	18	10.15am	45	Complement	Holmes
Tue	Feb	21	5pm	46	Complement	Holmes
Wed	Feb	22	3:30-5 pm		*Tutorial	Lea
Thu	Feb	23	5pm	47	Immunity to bacteria	Mastroeni
Sat	Feb	25	10.15am	48	Immunity to bacteria	Mastroeni
Tue	Feb	28	3pm	49	Genetics of Immunity	Todd
Tue	Feb	28	5pm	50	Genetics of Immunity	Todd
Thu	Mar	1	5pm	51	Tumour Immunity	Fearon
Fri	Mar	2	1:30pm	52	Thymus Biology	Palmer
Fri	Mar	2	2:45pm	53	Central Tolerance	Palmer
Sat	Mar	3	10.15am	54	Peripheral Tolerance and autoimmunity	Holmes
Tue	Mar	6	5pm	55	Peripheral Tolerance and autoimmunity	Holmes
Wed	Mar	7	3:30-5 pm		*Tutorial	
Thu	Mar	8	5pm	56	Peripheral Tolerance and autoimmunity	Holmes
Sat	Mar	10	10.15am	57	Rheumatoid Arthritis	Gaston
Tue	Mar	13	5pm	58	HLA-B27 associated joint disease	Gaston

Wed	Mar	14	3:30-5 pm	*Tutorial	Holmes
Thu	Mar	15	5 pm	Tutorial	Todd