

Time Table – Week 1

Sunday 20th

Welcome Mixer

Molecular Life Sciences Building (MLS)
Level 1, 4.00 – 6.30

Monday 21st

Lectures – Benham Theatre

9.00– 9.30	Welcome and introduction – Chris Burrell
9.30 – 10.30	Classification and virion structure – Allison Jilbert
11.00– 12.00	Virus replication – Allison Jilbert

Packed Lunch – MLS ??

Lectures – Benham Theatre

1.00–2.00	Experimental systems – Chris Burrell, Allison Jilbert, Michael Beard
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Practicals – MLS Room G.04

Olympus Session

2.00 – 2.15	Safety Pre-Lab – Tony Richardson, Kate Dixon
2.15 – 3.30	Culture of viruses – TuckWeng Kok Virus Detection by EM – TuckWeng Kok

Olympus Afternoon Tea

4.15 – 6.00	Culture of viruses – TuckWeng Kok Virus Detection by EM – TuckWeng Kok
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Tuesday 22nd

Lectures – Benham Theatre

8.30– 9.30	Virus receptors – Darren Shafren
9.30 – 10.30	Pathogenesis of virus infections – Chris Burrell
11.00– 12.00	Virus glycoproteins – Heidi Drummer

Packed Lunch – MLS ??

Lectures – Benham Theatre

1.00–2.00	Principles of centrifugation – Jill Carr
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Practicals – MLS Room G.04 MLS

Life Technologies Applied Biosystems Session

2.00 – 3.30	RT-PCR for Influenza virus typing – Shane Herbert
3.30 – 6.00	Virus purification – Allison Jilbert, Jamie Botten, Garry Penney Growth of viruses in cell culture

Wednesday 23rd

Lectures – Benham Theatre

8.30- 9.30	Recognition of viruses and the initiation of immune responses – Mohammed Alsharifi
9.30 – 10.30	Immune response to virus infection – David Tschärke
11.00- 12.00	Vaccination against virus diseases – Chris Burrell

Packed Lunch – MLS ??

Lectures – Benham Theatre

1.00 – 2.00	Virus epidemiology – Chris Burrell
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Practicals – MLS Room G.04 MLS

Life Technologies Applied Biosystems Session

2.00 – 3.00	Virus purification, cont. – Allison Jilbert, Jamie Botten, Garry Penney
3.00 – 6.00	RT-PCR cont.- Shane Herbert Growth of viruses in cell culture

Thursday 24th

Lectures – Benham Theatre

8.30-9.30	Antivirals – Simon Tucker
9.30-10.30	Surveillance control eradication – Robert Hall
11.00-12.00	Gene therapy – Gerry Both

Packed Lunch – MLS ??

Lectures – Benham Theatre

Olympus Session

1.30-2.30	Arboviruses and Haem fevers – John MacKenzie
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Practicals – MLS Room G.04 MLS

2.30 – 6.00	Fixation of CPEs – TuckWeng Kok
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Course Dinner – Majestic Roof Garden Hotel

Friday 25th

Lectures – Benham Theatre

RCPA Day

8.30- 9.30	Herpesvirus infections: clinical – William Rawlinson
9.30 – 10.30	Molecular pathogenesis of herpesviruses – Allison Abendroth
11.00- 12.00	CMV and EBV – Barry Slobedman

LUNCH – BOTANIC GARDENS

Lectures – Benham Theatre

1.30-2.30	Drug therapy of herpesvirus infections – William
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Rawlinson

Practicals – MLS Room G.04 MLS

2.30–3.30	Virus purification cont. – Allison Jilbert, Jamie Botten, Garry Penney
3.30–6.00	IPE staining and finish virus culture – TuckWeng Kok

Monday 28th

Lectures – Benham Theatre

8.30–9.30	Measles, mumps, rubella – Lyn Gilbert
9.30–10.30	HAV, HEV – David Anderson
11.00–12.00	Gastroenteritis – Rod Ratcliff

LUNCH – MUSEUM

Lectures – Benham Theatre

1.30–2.30	Research commercialisation – some examples – David Anderson
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Practicals – MLS Room G.04 MLS

2.30–6.00	Virus Detection by EM – TuckWeng Kok Finish virus purification – Allison Jilbert
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Tuesday 29th

Lectures – Benham Theatre

Abbott Diagnostics Session

8.30–9.30	Reverse transcribing viruses – Jill Carr
9.30–10.30	HIV Pathology and clinical – Sharon Lewin
11.00–12.00	HIV vaccines – Stephen Kent

LUNCH – OFF SITE ??

Lecture – Benham Theatre

1.30–2.30	HIV epidemiology – George Nisyrios
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Workshops - Benham Theatre then Mawson Computing Suite G12-13

2.30–5.00	Bioinformatics & Phylogenetics – Jamie Botten
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Wednesday 30th

Lectures – Benham Theatre

Bristol-Myers Squibb Session

8.30–9.15	Hepatitis B virology – Allison Jilbert
9.15–10.00	Hepatitis C virology – Michael Beard
10.30–11.30	Hepatitis B & C clinical – Hugh Harley
11.30–12.30	Viral genotyping and sequence variation – Scott Bowden

Packed Lunch – MLS ??

Lecture – Benham Theatre

1.30 – 2.30	Viral loads and molecular diagnosis – Scott Bowden
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MSD Schering Plough Afternoon Tea

Workshop – Benham Theatre

3.00 – 5.30	Practical windup
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Thursday 1st

Lectures – Benham Theatre

8.30– 9.30	Papillomaviruses – Geoff Higgins
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9.30 – 10.30	Virus Evolution – Paul Young
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Roche Morning Tea

11.00– 12.00	Rhabdoviruses – Greg Smith
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LUNCH – CAFÉ MICHAEL

Lecture – Benham Theatre

1.30–2.30	Henipah viruses – Linfa Wang
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Workshops - Benham Theatre then Mawson Computing Suite (G12-13)

2.30-4.30	Microarray & proteomics – Peter Hoffmann, Hamish Scott
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Friday 2nd

Lectures – Benham Theatre

8.30– 9.30	Respiratory viruses – Peter McMinn
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9.30–10.30	Influenza – Ian Barr
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11.00–12.00	Enteroviruses – Peter McMinn
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Packed Lunch – MLS ??

Lecture – Benham Theatre

12.30–2.30	Laboratory safety, containment, bioterrorism – Tony Della-Porta
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Workshops – IMVS

2.30 – 3.30	Accreditation & quality, TGA - Trish Haesy, Michelle White
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3.30 – 4.30	Diagnostic lab visit
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4.30 - Break-up drinks