

Program - Short Course in Critical Infection 2019
Thursday 5th September 2019
Des O'Callaghan Auditorium, Mater Hospital

0745-0815	Registration/tea & coffee	
0815-0830	Introduction Welcome Address	Prof Jon Iredell A/Prof Nai An Lai
Antimicrobial Resistance Chair: Prof Jon Iredell		
0830-0900	Update on gram positive infection and MIC testing	Dr Andrew Henderson
0900-0930	Update on multi-resistant gram negative infection	A/Prof Paul Griffin
0930-1000	Global epidemiology of sepsis	Prof Bala Venkatesh
1000-1030	Septic Shock reversal: Predictors, mechanisms and clinical significance	Prof Bala Venkatesh
1030-1100	Morning tea	
Diagnostics Chair: A/Prof Nai An Lai		
1130-1200	New microbial diagnostics – clinical metagenomics	Dr Sanmarie Schlebusch
1200-1230	Machine learning and AI decision support in sepsis	A/Prof Brent Richards
1230-1300	Rapid diagnostic tools in respiratory infection	A/Prof Benjamin Tang
1300-1345	Lunch	
Immunocompromised Host, Infection Control and Immunotherapy Chair: Dr Pierre Janin		
1345-1415	Invasive Fungal Infections	Prof Geoffrey Playford
1415-1445	Cellular therapy for opportunistic viral and fungal pathogens – State of the art	Dr Emily Blyth
1445-1515	What's in a cough: Implications for the care of patients with Influenza and MROs	Prof Scott Bell
1515-1545	Biologics and Infections: An Update	A/Prof Paul Griffin
1545-1615	Canapes and drinks	
1615-1715	Round table discussion Chair: Dr Amod Karnik Topics: <ul style="list-style-type: none"> • Code Sepsis: Recognizing and Responding to Patients with Sepsis in the Hospital Wards – paradigm shift or shifting sand? • Time to antibiotics as a KPI in sepsis care and increasing use of broad spectrum antibiotic as empirical therapy – how do we find the balance? 	Panel members: Dr Shane Townsend Prof Bala Venkatesh A/Prof Paul Griffin Prof Jon Iredell A/Prof Nai An Lai

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Therapeutics		
Chair: Dr Shane Townsend		
0800-0830	TDM for Beta Lactams – State of the art	Prof Jason Roberts
0830-0900	Dosing of antimicrobials in critically ill patients	Prof Jeff Lipman
0900-0930	Vancomycin dosing and therapeutic drug monitoring: Practical tips and conundrum	Dr Mandy Ng
0930-1000	Phage Therapy	Prof Jon Iredell
1000-1030	Morning tea	
Interesting Bugs, Diseases and Syndromes		
Chair: A/Prof Paul Griffin		
1030-1100	Q Fever and other important zoonosis	A/Prof David Looke
1100-1130	Sepsis associated AKI	Prof Bala Venkatesh
1130-1200	Malaria – the essentials	Prof James McCarthy
1200-1230	TB – an update	Dr Chris Coulter
1230-1315	Lunch	
Cases		
Chair: Dr Loki Johnk, Dr Ravi Pillai		
1315-1335	Overwhelming Salmonella sepsis from intentional ingestion of a live Gecko	Dr Jennifer Gaffney
1335-1355	Diphtheria bacteraemia with endocarditis and intraocular haemorrhage in an IVDU	Dr Matt Ciantar
1355-1415	Disseminated BCGosis with mycotic aneurysm	Dr Kelvin Ho
1415-1435	Severe Acute Pancreatitis with Infected Necrosis	Dr Gary Foo
1435-1455	Severe Legionnaires' Disease requiring ECMO	Dr Heidi Vogelbusch
1455-1515	Ureaplasma Urealyticum infection presenting as Xanthogranulomatous Pyelonephritis and Perinephric Abscess in an Immunocompromised Patient	Dr Alexander Ga-Onn Ngoo
1515-1520	Closing Address	Prof Jon Iredell A/Prof Nai An Lai
1520-1545	Refreshments	

Please note program is subject to change without notice.