



4th ANNUAL SHORT COURSE IN CRITICAL INFECTION

Westmead Institute for Medical Research

19th + 20th October 2016

DAY ONE - Wednesday 19th October

8:00-8:30 - REGISTRATIONS

Session One: THE BIG PICTURE

9.00-9.30	Biomarkers of sepsis	Stephen Macdonald
9:30-10.00	Gut decontamination - SDD	Ian Seppelt

10.00-10.20 - MORNING TEA

Session Two: INFECTION CONTROL AND ANTIMICROBIAL STEWARDSHIP

10.20-10.50	Everything you wanted to know about infection control	Lyn Gilbert
10.50-11.20	Physician, heal thyself-protecting the healthcare worker- SARS, MERS, Ebola & beyond	David Mitchell
11.20-11.50	Antimicrobial stewardship in the ICU- interventions and efficacy	Krispin Hajkovicz

12.00-13.00 – LUNCH

Session Three: OPPORTUNISTIC INFECTIONS IN THE IMMUNOCOMPROMISED

13.00-13.30	Infections in transplant recipients	Nicole Gilroy
13.30-14.00	Use of biologics- monoclonal therapies and infection	Louise Cooley
14.00-14.30	Antifungal prophylaxis vs. biomarker-driven approach in ICU: evidence for and against	Sharon Chen

14.30-14.50 AFTERNOON TEA

Session Four: SYNDROMIC CASES FOR DISCUSSION

Presented by Registrar and discussed by panel of ICU experts including Martin Cullen, Pierre Janin, Jeffrey Lipman and Vineet Nayyar

14.50 – 17.00	Respiratory case presented by Sayontonee Ghosh
	Transplant infection case presented by Ana Domazetovska
	Prosthetic device infection case presented by Jaslyn Doshi

*presenters for each topic subject to change

17:00 EVENING DRINKS



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DAY TWO – Thursday 20th October

Session One: SEPSIS, ANTIMICROBIAL RESISTANCE and the MICROBIOME

9.00-9.40	Sepsis 3 - what's new	Simon Finfer
9.40-10.20	Antibiotics and Resistance: an overview	David Paterson

10.20-10:40 MORNING TEA

10.40-11.20	The Microbiome: Adaptation & manipulation	Jon Iredell
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Session Two: DIAGNOSTICS- from bench to bedside

11.20-11.50	Bacterial, fungal, viral POC testing in the ICU	Jen Kok
11.50-12.20	Consensus guidelines for the Diagnosis of Encephalitis in Australia and New Zealand	Cheryl Jones
12.20-12.50	Rational Clinical pathology testing in ICU	Kanaka Sundaram 'Sunny' Rachakonda

12.50-13.50 LUNCH

Session Three: THERAPEUTICS in CRITICAL CARE-What's new?

13.50-14.30	Drug kinetics in the critically ill (especially with regard to filters and SLED)	Jeffrey Lipman
14.30 – 15:00	Antimicrobial dosing in critical illness: one size doesn't fit all	Indy Sandaradura

15.00 15:30 - AFTERNOON TEA

Session Four-CASE BASED DISCUSSIONS- Atypical pathogens & antimicrobial resistance

15:30-16.00	A difficult mycology case Case presented by Khine Pale Swe	Discussed by Sharon Chen
16.30 – 17:00	The mother of all resistance Case presented by Tasnim Hasan	Discussed by Jonathan Iredell

*presenters for each topic subject to change

CONFERENCE CLOSE