

Mycology MasterClass IX

24-26 October 2019

Mantra On Salt Beach - Kingscliff, NSW, Australia



PROGRAM

CONVENOR | Sarah Kidd

STEERING COMMITTEE

Sharon Chen

David Ellis

Debbie Marriott

Orla Morrissey

Monica Slavin

Mycology Masterclass is organised under the auspices of ANZMIG

FACULTY

Prof Jan-Willem Alffenaar	School of Pharmacy, Faculty of Medicine and Health, University of Sydney and Westmead Hospital, Sydney
Dr. Michelle Ananda-Rajah	Depts. General Medicine and Infectious Diseases, Alfred Health, Melbourne
Dr Christina Chang	Dept. Medicine, Monash University, Melbourne
A/Prof Sharon Chen	Centre for Infectious Diseases & Microbiology, NSW Health Pathology, Westmead Hospital, and University of Sydney
A/Prof Julia Clark	Queensland Children's Hospital, Brisbane
Dr Bryan Coad	School of Agriculture Food and Wine, University of Adelaide
Dr Celia Cooper	Microbiology & Infectious Diseases, SA Pathology, Women's and Children's Hospital, Adelaide
Dr Abby Douglas	Dept. Infectious Diseases, Peter MacCallum Cancer Centre, Melbourne
A/Prof David Ellis	School of Biological Sciences, University of Adelaide
Dr Nicky Gilroy	Centre for Infectious Diseases & Microbiology, NSW Health Pathology, Westmead Hospital
Prof David Gottlieb	The Westmead Institute for Medical Research and Westmead Clinical School, University of Sydney.
Dr Catriona Halliday	Centre for Infectious Diseases and Laboratory Services, NSW Health Pathology, ICPMR, Westmead Hospital, Sydney
A/Prof Chris Heath	Infectious Diseases, Royal Perth Hospital, Perth
Dr Gabrielle Haeusler	Dept. Infectious Diseases, Peter MacCallum Cancer Centre, Melbourne
Dr Caitlin Keighley	Centre for Infectious Diseases & Microbiology, NSW Health Pathology, Westmead Hospital
Dr Karina Kennedy	Dept. Microbiology, Canberra Hospital, Canberra
Dr Sarah Kidd	National Mycology Reference Centre, SA Pathology, Adelaide, and School of Biological Sciences, University of Adelaide
A/Prof Mark Krockenberger	Centre for Veterinary Education, University of Sydney
Prof Richard Malik	Centre for Veterinary Education, University of Sydney
Prof Debbie Marriott	Department of Microbiology, St Vincent's Hospital, Sydney
Dr Brendan McMullan	Immunology & Infectious Diseases, Sydney Children's Hospital, Randwick
Prof Wieland Meyer	Molecular Mycology Research Laboratory, Westmead Institute for Medical Research, and Marie Bashir Institute, University of Sydney
Dr Orla Morrissey	Dept. Infectious Diseases, Alfred Health, Melbourne
Prof Monica Slavin	Dept. Infectious Diseases, Peter MacCallum Cancer Centre, Melbourne
Prof Tania Sorrell	Marie Bashir Institute for Infectious Diseases and Biosecurity, The University of Sydney
Dr Ben Teh	Dept. Infectious Diseases, Peter MacCallum Cancer Centre, Melbourne
A/Prof Sebastiaan van Hal	Microbiology & Infectious Diseases, Royal Prince Alfred Hospital, Sydney

Thursday 24 October 2019 | Plantation Room

REGISTRATION FROM 7.00AM

8:45am – 9:00am **Welcome and Opening Remarks**
Sarah Kidd

SESSION 1 | The Bold and Bright: Aspects of Invasive Fungal Diseases in Haematology Patients**Session Chair:** **Monica Slavin**

- 9.00am – 10.35am
- New treatments for haematological malignancies and the risk of IFD
Ben Teh (20 + 5 min)
 - Biomarker tools for fungal infections in haematology patients
Catriona Halliday (20 + 5 min)
 - How do we use diagnostic tools to manage IFD, in haematology patients: Update on pre-emptive strategies
Abby Douglas (20 + 5 min)
 - Breakthrough infections in haematology: definitions and management
Karina Kennedy (20 + 5 min)
 - T cell therapies for prevention and treatment of IFD in haematology patients
David Gottlieb (20 + 5 min)

10.35am – 11.00am MORNING TEA

SESSION 2 | Common and Rare Mould Infections Part 1: Beyond Cancer**Session Chair:** **Catriona Halliday**

- 11.00am – 12.30pm
- Epidemiology of emerging mould infections
Michelle Ananda-Rajah (25 + 5 min)
 - Aspergillosis: New risk groups, co-infections and chronic infections; should we worry?
Monica Slavin (25 + 5 min)
 - The MIC and ECV in *Aspergillus*: an overview. How to measure and tips of the trade
Sarah Kidd (25 + 5 min)

12.30pm – 1.30pm LUNCH BREAK

SESSION 3 | The David Ellis Oration**Session Chair:** **Sarah Kidd**

1.30pm – 2.30pm *Associate Professor Lee Berger, University of Melbourne*

2.30pm – 3.00pm AFTERNOON TEA

SESSION 4 | The Looming Spectre of *Candida auris*

Session Chair: **Wieland Meyer**

3.00pm – 5.00pm

- Should we worry?
Sharon Chen (20 + 5 min)
- The WA perspective
Chris Heath (20 + 5 min)
- The move to Victoria
Monica Slavin (20 + 5 min)
- Reprise: Arrival in NSW – lessons learned and Q&A
Sharon Chen and Sebastiaan van Hal (20 + 5 min)
- General Discussion (20 min)

6.30pm – 8.30pm

Welcome Mixer and Jennifer Antonino Poster Viewing | Mantra Pool Deck

Friday 25 October 2019 | Plantation Room

REGISTRATION FROM 7.00AM

SESSION 5 | Paediatric Mycoses

Session Chair: **Richard Malik**

8.30am – 10.00am

- Cryptococcosis in children
Brendan McMullan (25 + 5 min)
- The TERIFIC Study
Gabrielle Haeusler (25 + 5 min)
- Fast tracking new, and not so new, antifungal drugs for use in children
Celia Cooper (25 + 5 min)

10.00am – 10.30am

MORNING TEA

SESSION 6 | *Cryptococcus* and Cryptococcosis

Session Chair: **Sharon Chen**

10.30am – 12.30pm

- What's in a name? – taxonomy of *Cryptococcus*
Wieland Meyer (20 + 5 min)
- Is identification to species level required?
Karina Kennedy (20 + 5 min)
- How I manage c-IRIS
Christina Chang (20 + 5 min)
- Update on clinical trials and new treatments
Tania Sorrell (20 + 5 min)
- Panel Discussion: New learnings and future directions
Panel: Christina Chang, Sharon Chen, David Ellis, Karina Kennedy, Richard Malik, Debbie Marriott, Brendan McMullan, Wieland Meyer, Tania Sorrell.

12.30pm – 1.30pm

LUNCH BREAK

SESSION 7 | Organ Transplantation

Session Chair: **Tania Sorrell**

1.30pm – 3.00pm

- New risks and epidemiology
Chris Heath (20 + 5 min)
- Prophylaxis in heart and heart-lung transplantation
Orla Morrissey (20 + 5 min)
- Pneumocystis: much ado about nothing?
Debbie Marriott and Julia Clark (30 + 10 min)

3.00pm – 3.30pm

AFTERNOON TEA

SESSION 8 | Fighting Formidable Fungal Foes (this is not to be missed!)

Session Chair: **David Ellis**

3.30pm – 5.00pm

- The Fungus Olympics and why you should care
Bryan Coad (25 + 5 min)
- Challenging mycological patients: dolphins and horses
Richard Malik and Mark Krockenberger (50 + 10 min)

7.00pm – Late

The ANZMIG Dinner | Venue TBA

Poster Prize Presentation
David Ellis

Saturday 26 October 2019 | Plantation Room

REGISTRATION FROM 7.30AM

SESSION 9 | *Candida* and Candidiasis

Session Chair: **Nicky Gilroy**

8.30am – 10.35am

- Update on epidemiology of *Candida* infections and candidiasis
Caitlin Keighley (20 + 5 min)
- *Candida* infections in the elderly
Debbie Marriott (20 + 5 min)
- *Candida* PCR and the BDG: have we arrived?
Catriona Halliday (20 + 5 min)
- The MIC as a measure of drug resistance in *Candida* spp.
Sarah Kidd (20 + 5 min)
- Update on new drugs and clinical trials for *Candida* and candidiasis
Monica Slavin (20 + 5 min)

10.35am – 11.00am

MORNING TEA

SESSION 10 | Outbreaks and Infection Prevention

Session Chair: **Karina Kennedy**

11.00am – 12.30pm

- Indoor fungal exposure and disease
Nicky Gilroy (25 + 5 min)
- How to investigate and mitigate fungal outbreaks
Celia Cooper (25 + 5 min)
- Safe living: minimising exposure on discharge
Orla Morrissey (25 + 5 min)

12.30pm – 1.30pm

LUNCH BREAK

SESSION 11 | Cutting Edge Tools in Medical Mycology

Session Chair: **Orla Morrissey**

1.30pm – 3.00pm

- TDM in medical mycology: storm in a teacup?
Jan-Willem Alffenaar (25 + 5 min)
- Metagenomics and the mycobiome in medical mycology
Wieland Meyer (25 + 5 min)
- The ABCs of whole genome sequencing (25 + 5 min)
Sebastiaan van Hal

3.00pm – 3.30pm

AFTERNOON TEA

SESSION 12 | Common and Rare Mould Infections Part 2: Resistance and Trials

Session Chair: **Chris Heath**

3.30pm – 4.45pm

- Drug Resistance: clinical relevance
Sharon Chen (20 + 5 min)
- Treatment: Pivotal clinical trials, new drugs and formulations
Orla Morrissey (20 + 5 min)
- Panel discussion (25 min)
Panel: Michelle Ananda-Rajah, Sharon Chen, Abby Douglas, David Gottlieb, Catriona Halliday, Chris Heath, Karina Kennedy, Sarah Kidd, Orla Morrissey, Monica Slavin, Ben Teh

4.45pm – 5.00pm

Closing Remarks

Sarah Kidd

6.30pm – 8.00pm

ANZMIG Meeting | Venue TBA

All welcome