

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 Halbeek | 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

~ Included in registration for all delegates, faculty, and sponsors ~

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 | Ballroom, Peppers Resort

~ Included in registration for all delegates, faculty, and sponsors ~

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

RSVP to Lesley Woods (lesleykw@me.com) no later than 30/9/2019