**Mycology MasterClass IX**  
24-26 October 2019  
Mantra On Salt Beach - Kingscliff, NSW, Australia

**PROGRAM**

**CONVENER | Sarah Kidd**

**STEERING COMMITTEE**

<table>
<thead>
<tr>
<th>Name</th>
<th>Role and Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sharon Chen</td>
<td>Department of Microbiology, St Vincent's Hospital, Sydney</td>
</tr>
<tr>
<td>David Ellis</td>
<td>School of Veterinary Science and Biotechnology, University of Sydney</td>
</tr>
<tr>
<td>Debbie Marriott</td>
<td>Centre for Veterinary Medicine, University of Sydney</td>
</tr>
<tr>
<td>Orla Morrissey</td>
<td>Department of Microbiology, St Vincent's Hospital, Sydney</td>
</tr>
<tr>
<td>Monica Slavin</td>
<td>Department of Microbiology, St Vincent's Hospital, Sydney</td>
</tr>
</tbody>
</table>

Mycology Masterclass is organised under the auspices of ANZMIG, an ASID SIG

**FACULTY**

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

**PCO | Lesley Woods, for ASID Events**  
lesleykw@me.com

Version 25th Sept 2019
### 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**

<table>
<thead>
<tr>
<th><strong>Session Chair:</strong> Monica Slavin</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.00am – 10.35am</td>
</tr>
</tbody>
</table>
| • New treatments for haematological malignancies and the risk of IFD  
*Ben Teh* (20 + 5 min) |
| • Biomarker tools for fungal infections in haematology patients  
*Cathrina 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**

<table>
<thead>
<tr>
<th><strong>Session Chair:</strong> Catriona Halliday</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.00am – 12.30pm</td>
</tr>
</tbody>
</table>
| • 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**

<table>
<thead>
<tr>
<th><strong>Session Chair:</strong> Sarah Kidd</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.30pm – 2.30pm</td>
</tr>
<tr>
<td><em>Associate Professor Lee Berger, University of Melbourne</em></td>
</tr>
</tbody>
</table>

2.30pm – 3.00pm  | AFTERNOON TEA
### SESSION 4  | The Looming Spectre of *Candida auris*

**Session Chair:**  
Wieland Meyer

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
</tr>
</thead>
</table>
| 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) |

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
</tr>
</thead>
</table>
| 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

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
</tr>
</thead>
</table>
| 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) |

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td>10.00am – 10.30am</td>
<td>MORNING TEA</td>
</tr>
</tbody>
</table>

---

### SESSION 6  | *Cryptococcus* and Cryptococcosis

**Session Chair:**  
Sharon Chen

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
</tr>
</thead>
</table>
| 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  
Justin Beardsley (20 + 5 min)  
- Update on clinical trials and new treatments  
Tania Sorrell (20 + 5 min)  
- Panel Discussion: New learnings and future directions  
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