



PROGRAM

CONVENOR | Sarah Kidd

Mycology Masterclass is organised under the auspices of ANZMIG

FACULTY

Prof. Jan-Willem Alffenaar	Sydney Infectious Diseases Institute and School of Pharmacy, University of Sydney, Sydney
Dr. Sam Bannister	Dept. Infectious Diseases, Women's and Children's Hospital, Adelaide
A/Prof. Justin Beardsley	Sydney Infectious Diseases Institute, University of Sydney, Sydney
Prof. Sharon Chen	Centre for Infectious Diseases & Microbiology, NSW Health Pathology, Westmead Hospital, and University of Sydney, Sydney
A/Prof. Julia Clark	Queensland Childrens Hospital, Childrens Health Queensland, Brisbane
Dr. Celia Cooper	Dept. Infectious Diseases, 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, Adelaide
Dr. Catriona Halliday	Centre for Infectious Diseases and Laboratory Services, NSW Health Pathology, Westmead Hospital, Sydney
Prof. Chris Heath	PathWest Laboratory Medicine and Dept. Infectious Diseases, Fiona Stanley Hospital Network, Perth
Dr. Caitlin Keighley	Southern.IML Pathology, Wollongong
Dr. Sidney Levy	Dept. Molecular Imaging and Therapeutic Nuclear Medicine, Peter MacCallum Cancer Centre, Melbourne
A/Prof. Sarah Kidd	National Mycology Reference Centre, SA Pathology, Adelaide
Prof. Richard Malik	Centre for Veterinary Education, University of Sydney
Prof. Debbie Marriott	Dept. Clinical Microbiology & Infectious Diseases, St Vincent's Hospital, Sydney
Prof. Orla Morrissey	Dept. Infectious Diseases, Alfred Health and Monash University, Melbourne
Prof. Monica Slavin	Dept. Infectious Diseases, Peter MacCallum Cancer Centre, Melbourne
A/Prof. Sophia Stocker	Sydney Infectious Diseases Institute and School of Pharmacy, University of Sydney, Sydney
A/Prof. Lars Westblade	Weill Cornell Medicine & NewYork-Presbyterian Hospital, New York, USA

PCO | Lesley Woods, on behalf of ASID Events

MycologyMC@outlook.com

Thursday 30th October 2025 Plantation Room	
REGISTRATION FROM 7.00AM	
8:50am – 9:00am	Welcome and Opening Remarks <i>Sarah Kidd</i>
SESSION 1 Yeast Infections	
Session Chair:	Orla Morrissey
9.00am – 10.30am	- Global candidiasis guidelines – the good and the bad <i>Debbie Marriott</i> - Unusual yeast infections <i>Caitlin Keighley</i> - What's new with <i>Candida auris</i>? <i>Chris Heath</i>
10.30am – 11.00am	MORNING TEA
SESSION 2 New antifungals and clinical trials	
Session Chair:	Jan-Willem Alffenaar
11.00am – 12.30pm	- New antifungal drugs <i>Orla Morrissey</i> - Therapeutic Dose monitoring of new antifungals <i>Debbie Marriott</i> - Clinical trials: defining responses to therapy <i>Monica Slavin</i>
12.30pm – 1.30pm	LUNCH
SESSION 3 Fungal Diagnostics	
Session Chair:	Chris Heath
1.30pm – 3.00pm	- Diagnostic tools for fungal infections <i>Catriona Halliday</i> - Access to laboratory diagnostics in Australasia <i>Abby Douglas</i> - New developments in imaging <i>Sidney Levy</i>
3.00pm – 3.30pm	AFTERNOON TEA
SESSION 4 Fungal Foes and One Health	
Session Chair:	Monica Slavin
3.30pm – 5.00pm	- What next? Mycology after the WHO Fungal Priority Pathogen List <i>Justin Beardsley</i> - Antifungal Stewardship <i>Abby Douglas</i> - Antifungal use in the clinic and agriculture <i>Caitlin Keighley</i> - Panel discussion: <i>Justin Beardsley, Abby Douglas, Caitlin Keighley</i>, joined by <i>Dr. Fran Lopez-Ruiz (Curtin University)</i> and <i>Dr. Lucas Shuttleworth (University of Sydney)</i>.
6.30pm – 8.30pm	Welcome Mixer and Jennifer Antonino Poster Viewing Mantra Pool Deck ~ Included in registration for all delegates, faculty, and sponsors ~

Friday 31st October 2025 | Plantation Room

REGISTRATION FROM 8.00AM

SESSION 5 | Fungal Infections in Children

Session Chair: Julia Clark

9:00am – 10.30am

- Fungal infection in primary immunodeficiency
Sam Bannister
- Paediatric access to antifungals
Celia Cooper
- Interesting cases
Pip Edmiston, Perth Children's Hospital
Joel Vosu, Westmead Children's Hospital
Niall Johnston, Sydney Children's Hospital

10.30pm – 11.00am MORNING TEA

SESSION 6 | Revenge of the Dermatophytes

Session Chair: David Ellis

11:00am – 12.30pm

- Emerging dermatophyte infections
Sharon Chen
- Diagnosis of new dermatophytes
Sarah Kidd
- Detecting resistance
Catriona Halliday

12.30pm – 1.30pm LUNCH

SESSION 7 | The David Ellis Oration

Session Chair: Sarah Kidd

1.30pm – 2.30pm

Richard Malik
Centre for Veterinary Education, University of Sydney

2.30pm – 3.00pm AFTERNOON TEA

SESSION 8 | Cryptococcosis

Session Chair: Caitlin Keighley

3.00pm – 5.00pm

- Adult non-HIV cryptococcosis
Monica Slavin
- Paediatric cryptococcosis
Julia Clark
- Overview of clinical trials
Sharon Chen
- Are clinical trials for cryptococcosis relevant in Australasia?
Justin Beardsley

7.00pm – Late

The ANZMIG Dinner | Plantation Room

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

Poster Prize Presentation

Workshop 1 | Fungal Identification: Adventures in Morphology and Microscopy

Presented by: David Ellis, Catriona Halliday, Sarah Kidd, Lars Westblade

Maximum 75 participants

Recommended for: laboratory staff, advanced trainees, clinical microbiologists

Overview: Fungi are responsible for 6.5 million invasive infections and 3.8 million deaths globally each year. With a few exceptions, serological and molecular diagnostic tests have poor sensitivity and specificity, and microscopy and culture remain the gold standard. As such, accurate identification of medically important moulds based on their morphological traits remains an essential skill for all practicing medical mycologists. Bringing together authors of *Descriptions of Medical Fungi* and *Larone's Medically Important Fungi*, this one-day workshop is intended for individuals who are interested in the identification of medically important moulds. Attendees will be immersed in interactive material brimming with clinical cases, photographic images and practical pointers covering the fundamentals of morphological mould identification.

Learning objectives:

Identify medically important moulds based upon macroscopic and microscopic characteristics.

Describe important phenotypic tests for the identification of medically important moulds.

Equipment requirements: none

Workshop 2 | Therapeutic Dose Monitoring

This Workshop is sponsored by InsightRX

Presented by: Jan-Willem Alffenaar, Sophie Stocker, Justin Beardsley, Debbie Marriott,

Maximum 25 participants

Recommended for: clinicians and pharmacists

Overview: Therapeutic drug monitoring (TDM) is a tool to optimize treatment of antifungals by adjusting the dose based on the measured drug concentration. The aim is to achieve a concentration in the therapeutic window to maximize efficacy and minimize toxicity. Voriconazole dosing is a challenge as the drug concentration is highly variable due to factors like CYP2C19 rapid and slow metabolisers, drug-drug interactions and the effect of inflammation on voriconazole metabolism. Due to the narrow therapeutic window of voriconazole, treatment failure and side effects are common. Dosing software makes voriconazole dose recommendations easier as it can precisely predict drug concentrations based on patients' characteristics, the dose and the drug concentration. The use of dosing software can reduce the time to achieve the target concentration and helps maintain the concentration in the therapeutic window. In this workshop we will use case-based learning and dosing software to assess.

Learning objectives:

Describe the factors affecting voriconazole concentrations.

Use dosing software to make voriconazole dose recommendations.

Equipment requirements: participants must bring a laptop and will receive a trial account during the workshop to access the online InsightRx platform.

<https://www.insight-rx.com>