

DRAFT



# Mycology MasterClass XI

30 October - 1 November 2025

DRAFT PROGRAM

CONVENOR | Sarah Kidd

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Mycology Masterclass is organised under the auspices of ANZMIG

Faculty to be Announced Soon

Thursday 30th October 2025 | Plantation Room

REGISTRATION FROM 7.00AM

8:50am – 9:00am **Welcome and Opening Remarks**  
*Sarah Kidd*

## SESSION 1 | Yeast Infections

9.00am – 10.30am

- Global candidiasis guidelines – the good and the bad
- Unusual yeast infections
- What's new with *Candida auris*?

## SESSION 2 | New antifungals and clinical trials

11.00am – 12.30pm

- New antifungal drugs
- Clinical trials: defining responses to therapy

## SESSION 3 | Fungal Diagnostics

1.30pm – 3.00pm

- Diagnostic tools for fungal infections
- Access to laboratory diagnostics in Australasia
- New developments in imaging

## SESSION 4 | Fungal Foes and OneHealth

3.30pm – 5.00pm

- Antifungal use in the clinic and agriculture
- Antifungal Stewardship
- Update on the WHO Fungal Pathogen Priority List

6.30pm – 8.30pm Welcome Mixer and Jennifer Antonino Poster Viewing | Mantra Pool Deck  
~ Included in registration for all delegates, faculty, and sponsors ~

REGISTRATION FROM 8.00AM

**SESSION 5 | Fungal Infections in Children**

- 9:00am – 10.30am
- Fungal infection in primary immunodeficiency
  - Interesting cases
  - Paediatric access to antifungals

**SESSION 6 | Revenge of the Dermatophytes**

- 11:00am – 12.30pm
- Emerging dermatophytes
  - Diagnostics
  - Detecting resistance

**SESSION 7 | The David Ellis Oration**

1.30pm – 2.30pm

**SESSION 8 | Cryptococcosis**

- 3.00pm – 5.00pm
- Adult non-HIV cryptococcosis
  - Paediatric cryptococcosis
  - Overview of clinical trials
  - Debate: Are clinical trials for cryptococcosis in HIV relevant in Australasia?

7.00pm – Late

**The ANZMIG Dinner | Venue TBA**

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

**Poster Prize Presentation**

Saturday 1<sup>st</sup> November 2025 | Plantation Room

8.30AM – 3:00PM OPTIONAL WORKSHOPS

### Workshop 1 | Fungal Identification: Adventures in Morphology and Microscopy

**Presented by:** To be confirmed

**Maximum 50 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

**Presented by:** TBC

**Maximum 30 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 of 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, with InsightRx software installed (a free login will be provided to workshop participants). <https://www.insight-rx.com>