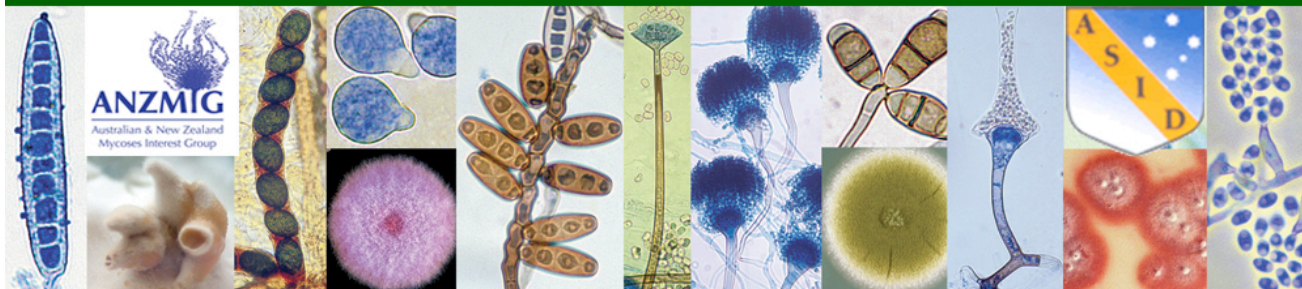


# Mycology MasterClass V

27-30 October 2011 | Hamilton Island, Queensland, Australia



## Advanced Medical Mycology Course | Preliminary Program

Thursday 27 October 2011 | Endeavour Room (next to Sails Restaurant)

**LABORATORY METHODS WORKSHOP: HOW TO DO IT | REGISTRATION FROM 8.30AM**

SESSION 1 | Specimen Processing and Set Up

**Session Chair: David Ellis**

*Mycology Unit, SA Pathology, Adelaide*

9.00am – 10.00am      How to process skin and nails for dermatophyte identification  
How to process respiratory, CSF and biopsy specimens  
What media to use and how to QC it  
Direct microscopy and culture set up  
How to make good microscope mounts

**Catriona Halliday**

*Centre for Infectious Diseases & Microbiology, Westmead Hospital, Sydney*

10.10am – 10.30am      How to do a yeast-one antifungal susceptibility test on both yeasts and moulds  
What reference books and internet resources are available

**David Ellis**

*Mycology Unit, SA Pathology, Adelaide*

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10.30am – 11.00am      MORNING BREAK

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SESSION 2 | Identification

**Session Chair: Catriona Halliday**

*Centre for Infectious Diseases & Microbiology, Westmead Hospital, Sydney*

11.00am – 11.30am      How to identify a difficult yeast  
11.30am – 12.00pm      How to identify a sporulating mould

**David Ellis**

*Mycology Unit, SA Pathology, Adelaide*

12.00pm – 12.30pm      How to identify an uncommon or non-sporulating mould by ITS sequence

**Sarah Kidd**

*Mycology Unit, SA Pathology, Adelaide*

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12.30pm – 1.15pm      LUNCH BREAK

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## SESSION 3 | Identification and Rapid Diagnostics

### **Session Chair: Wieland Meyer**

*Centre for Infectious Diseases & Microbiology, Westmead Hospital, Sydney*

- 1.15pm – 1.45pm      **Fungal tree of life - Fungal Barcoding**  
**Wieland Meyer**  
*Centre for Infectious Diseases & Microbiology, Westmead Hospital, Sydney*
- 1.45pm – 2.15pm      **Non-culture rapid diagnostic methods**  
**Catriona Halliday**  
*Centre for Infectious Diseases & Microbiology, Westmead Hospital, Sydney*
- 2.15pm – 2.45pm      **Recently identified new fungal pathogens and taxonomic changes: What should the lab report?**  
**Sarah Kidd**  
*Mycology Unit, SA Pathology, Adelaide*

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2.45pm – 3.15pm      **AFTERNOON BREAK**

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## SESSION 4 | Culture Collections and the Future of Mycology Laboratories

### **Session Chair: Sarah Kidd**

*Mycology Unit, SA Pathology, Adelaide*

- 3.15pm – 3.45pm      **Culture collections – preservation and storage of fungi**  
**David Ellis**  
*Mycology Unit, SA Pathology, Adelaide*
- 3.45pm – 4.15pm      **Culture collections - BioloMICS and Atlas of Living Australia**  
**Wieland Meyer**  
*Centre for Infectious Diseases & Microbiology, Westmead Hospital, Sydney*
- 4.15pm – 4.30pm      **Laboratory transition – what will the mycology laboratory look like in 2016?**  
**David Ellis**  
*Mycology Unit, SA Pathology, Adelaide*

6.00pm – 8.00pm      **Registration and Welcome Mixer | Catseye Beach**  
*Includes substantial canapés, buffet & beverages*

CLINICAL MYCOLOGY I

SESSION 1 | Haematology – Prevention and Treatment

**Session Chair: Sharon Chen**

*Centre for Infectious Diseases & Microbiology, Westmead Hospital, Sydney*

8.30am – 9.00am      Prevention and treatment of Invasive Fungal Infections in leukemia and BMT

**Jeff Szer (TBC)**

*Clinical Haematology & BMT Service, Royal Melbourne Hospital, Melbourne*

9.00am – 9.30am      Combination therapy for Aspergillosis

**Chris Blyth**

*Princess Margaret Hospital, Perth*

9.30am – 10.00am      Personalised medicine: Identification of risk profile for Invasive Fungal Infections

**Monica Slavin**

*VIDS, Royal Melbourne Hospital, Melbourne*

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10.00am – 10.30am      MORNING BREAK

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SESSION 2 | Rapid Diagnostics

**Session Chair: Jeff Szer**

*Clinical Haematology & Bone Marrow Transplant Service, Royal Melbourne Hospital, Melbourne*

10.30am – 11.00am      Biological markers - Do they improve the outcome?

**Orla Morrissey**

*Infectious Disease Unit, The Alfred Hospital, Melbourne*

11.00am – 11.30am      The role of imaging in the diagnosis of Invasive Fungal Infections

**Lavier Gomes (TBC)**

*Department of Radiology, Westmead Hospital, Sydney*

11.30am – 12.00pm      The role of bronchoscopy and EBUS in the diagnosis of Invasive Fungal Infections

**Allan Glanville (TBC)**

*Department of Thoracic Medicine, St Vincent's Hospital, Sydney*

12.00pm – 12.15pm      Panel discussion: Rapid diagnosis of fungal infection

**Monica Slavin, Tania Sorrell and speakers.**

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12.15pm – 1.15pm      LUNCH BREAK

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SESSION 3 | SOT, ICU and Biofilms

**Session Chair: Monica Slavin**

*VIDS, Royal Melbourne Hospital, Melbourne*

- 1.15pm – 1.45pm      **Prevention and treatment of Invasive Fungal Infections in Solid Organ Transplant patients**  
**Peter Hopkins**  
*Queensland Heart-Lung Transplant Unit, Prince Charles Hospital, Brisbane*
- 1.45pm – 2.15pm      **Risk models for candidiasis in Australian ICUs**  
**Geoffrey Playford**  
*Infection Management Services, Princess Alexandra Hospital, Brisbane*
- 2.15pm – 2.45pm      **Fungal biofilms: Can we salvage the catheter?**  
**Tania Sorrell**  
*Centre for Infectious Diseases & Microbiology, Westmead Hospital, Sydney*

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2.45pm – 3.15pm      AFTERNOON BREAK

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SESSION 4 | Interactive Case Presentations

**Session Chair: Tom Gottlieb**

*Infectious Diseases & Microbiology, Concord Hospital, Sydney*

- 3.15pm – 4.30pm      **You've got what?**  
**Tom Gottlieb**  
*Infectious Diseases & Microbiology, Concord Hospital, Sydney*  
**Richard Malik**  
*Centre for Veterinary Education, University of Sydney, Sydney*  
**Debbie Marriott**  
*Department of Microbiology, St Vincent's Hospital, Sydney*

7.00pm – 11.00pm      **Conference Social Function or Free Evening with Dinner Vouchers (TBC)**

CLINICAL MYCOLOGY II

SESSION 5 | Respiratory Fungal Infections

**Session Chair: Orla Morrissey**

*Infectious Diseases Unit, The Alfred Hospital, Melbourne*

8.30am – 9.00am Pulmonary fungal infections – Clinical and laboratory challenges

**Tom Kotsimbos**

*Department of Allergy, Immunology & Respiratory Medicine, The Alfred Hospital, Melbourne*

9.00am – 9.30am Fungal sinusitis

**Arunaloke Chakrabarti**

*Department of Medical Microbiology, Postgraduate Institute of Medical Education & Research, Chandigarh, India.*

9.30am – 10.00am Cystic fibrosis and fungus

**Sharon Chen**

*Centre for Infectious Diseases & Microbiology, Westmead Hospital, Sydney*

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10.00am – 10.30am MORNING BREAK

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SESSION 6 | *Pneumocystis*, Outbreaks and Animals

**Session Chair: Tom Gottlieb**

*Infectious Diseases & Microbiology, Concord Hospital, Sydney*

10.30am – 11.00am *Pneumocystis*

**Debbie Marriott**

*Department of Microbiology, St Vincent's Hospital, Sydney*

11.00am – 11.30am Surveillance and management of fungal outbreaks

**Karin Thursky**

*VIDS, Royal Melbourne Hospital, Melbourne*

11.30am – 12.00pm Important fungal diseases of companion animals: A Cook's Tour

**Richard Malik**

*Centre for Veterinary Education, University of Sydney, Sydney*

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12.00pm – 1.00pm LUNCH BREAK

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SESSION 7 | Laboratory Testing

**Session Chair: Tania Sorrell**

*Centre for Infectious Diseases & Microbiology, Westmead Hospital, Sydney*

- 1.00pm – 1.30pm      **Breakpoint setting - The dark art of CLSI/EUCAST, MICs, and ECVs**  
**John Turnidge**  
*Microbiology & Infectious Diseases, SA Pathology, Adelaide*
- 1.30pm – 2.00pm      **MALDI-ToF – Can anyone identify a fungus?**  
**Sebastian Van Hal**  
*Department of Microbiology & Infectious Diseases, Liverpool Hospital, Sydney*
- 2.00pm – 2.30pm      **Commercial tests for the diagnosis and monitoring of Invasive Fungal Infections - Relevance to the clinician**  
**Sharon Chen**  
*Centre for Infectious Diseases & Microbiology, Westmead Hospital, Sydney*

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2.30pm – 3.00pm      AFTERNOON BREAK

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SESSION 8 | Think Fungus

**Session Chair: Debbie Marriott**

*Department of Microbiology, St Vincent's Hospital, Sydney*

- 3.00pm – 4.00pm      **My Top 10 Fungi**  
**David Ellis**  
*Mycology Unit, SA Pathology, Adelaide*

7.00pm – 11.00pm      **Conference Dinner | Yacht Club**

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