



John Hume Building, National University of Ireland, Maynooth
Thursday June 20th

Session 1: JHL4 lecture theatre

Session Chair: David Fitzpatrick

09:30-10:00 **Keynote 1:** *The role and regulation of oxidative stress responses in promoting Candida albicans virulence*
Jan Quinn (Newcastle University)

10:00-10:30 **Keynote 2:** *Molecular multitasking in Candida albicans during adaptation to host niches*
Al Brown (University of Aberdeen)

10:30-10:45 **Offered paper 1:** *Seq'ing a Response: A transcriptomic study of gliotoxin exposure in Saccharomyces cerevisiae and Aspergillus fumigatus.*
Stephen Hammel (NUIM)

10:45-11:00 **Offered paper 2:** *Evolution of Rox1 and Rox2; transcriptional re-wiring of hypoxic regulation in Candida glabrata and related species*
Can Wang (UCD)

11:00-11:30 *Coffee break*

Session 2: JHL4 lecture theatre

Session Chair: John Morrissey

11:30-12:00 **Keynote 3:** *Aspergillus fumigatus - ironing out iron problems*
Hubertus Haas (Innsbruck Medical University)

12:00-12:30 **Keynote 4:** *Impact of mass spectrometry on mycologic diagnostic procedures*
Oliver Bader (University of Gottingen)

12:30-12:45 **Offered paper 3:** *The telomere-associated (TLO) gene family in Candida dubliniensis and their roles in virulence, metabolism and transcriptional regulation*
John Haran (TCD)

12:45-13:00 **Offered paper 4:** *Using gliotoxin to investigate the systems altered in A. fumigatus following deletion of gliK*
Rebecca Owens (NUIM)

13:00-14:00 LUNCH

Session 3: Poster session (1st floor foyer, John Hume building)

14:00-15:30

Session 4: *Clinical Mycology Symposium*, JHL4 lecture theatre

Session Chairs: Tom Rogers & Ed Smyth

**15:30-16:00 Keynote 5: *Diagnosis of aspergillosis using molecular methods*
Rosemary Barnes (Cardiff University)**

**16:00-16:30 Keynote 6: *Immunogenetic approach to fungal infections in humans*
Pierre-Yves Bochud (CHUV, Lausanne)**

**16:30-16:45 Case study 1: Fatal case of invasive pulmonary aspergillosis complicating
pandemic influenza A (H1N1) in an immunocompetent patient.
Alana Prior (St. Vincent's University Hospital).**

**16:45-17:00 Case study 2: *Covert candidiasis*
Breda Louise Lynch (St Vincent's University Hospital)**

**17:00-17:15 Case study 3: *Diagnostics, reporting or case mix; why are Candidaemia rates so
high in Northern Ireland?*
Rachel Spiers (Health Protection, Public Health Agency)**

**17:15-17:30 Case study 4: *The Sugar- Coated Killer.*
Niamh O'Flaherty (St James Hospital)**

**17:30-17:45 Case study 5: *Burden of Serious Fungal Infections in Ireland.*
Eileen Dorgan (Royal Victoria Hospital, Belfast)**

Conference Dinner – Pugin hall, Maynooth south campus 7.30pm

Friday June 21st

Session 5: JHL4 lecture theatre

Session Chair: Geraldine Butler

09:30-10:00 **Keynote 7:** *Septin-mediated plant infection by the rice blast fungus Magnaporthe oryzae*

Nick Talbot (University of Exeter)

10:00-10:30 **Keynote 8:** *Ten years of monitoring Irish Mycosphaerella graminicola populations for fungicide resistance*

Steven Kildea (Teagasc)

10:30-10:45 **Offered paper 5:** *Fungicide Resistance- does rate or type of application have an effect?*

Hilda Dooley (Teagasc)

10.45-11:15 *Coffee break*

Session 6: JHL4 lecture theatre

Session Chair: Sean Doyle

11:15-11.45 **Keynote 9:** *Agri-biotechnological use of yeast biologics.*

Richard Murphy (Alltech)

11:45-12:00 **Offered paper 6:** *Industrially Relevant Biocatalysts from Fungal Sources.*

Katrina McPhillips (Shannon ABC)

12:00-12:15 **Offered paper 7:** *Reconstitution and optimisation of T. reesei cellulase activity in Saccharomyces pastorianus, a superior recombinant host for cellulose degradation.*

Ursula Bond (TCD)

Meeting Closes

12:30-14:00 *Lunch and IFS AGM*