



Irish Fungal Society Annual Conference

Maynooth University, June 18th-19th 2018



Maynooth University
National University
of Ireland Maynooth

Day 1		
9.20-9.30	Welcome Address	
Session 1 Fungi in Biotechnology Chair: Catherine Collins		
9.30-10.00	Darragh Gaffney <i>Monaghan Biosciences</i>	Monaghan Mushrooms & Fungal Biotech: Using R&D to create a circular bioeconomy business
10.00-10.30	Ulrich Kück <i>Ruhr-Universität Bochum</i>	Molecular genetics of the fungal beta lactam producers <i>Acremonium chrysogenum</i> and <i>Penicillium chrysogenum</i>
10.30-10.45	Betim Karahoda <i>Maynooth University</i>	H3K4 Demethylase KdmB Bridges Cohesin Acetylation to Histone Deacetylase-ring finger Complex for the Fungal Light Responses and Secondary Metabolism
10:45-11:00	Martin O'Donoghue <i>Teagasc, Ashtown</i>	The genetic regulation of mushroom production and its relevance to fungal plant decomposition and carbon sequestration
11.00-11.30 Tea/Coffee		
11.30-12.00	Ozgun Bayram <i>Maynooth University</i>	Building up scaffolds: control of signal influx into development and secondary metabolism
12.00-12.15	Eoin O'Connor <i>Maynooth Univ & Teagasc</i>	Visualisation of MVX RNA in the mycelium of <i>Agaricus bisporus</i> by fluorescence in situ hybridisation
12.15-12.30	Keith Dunne <i>Sligo IT & Teagasc</i>	Genetic regulation of compost and plant matter degradation mechanisms in <i>Agaricus bisporus</i>
12.30-13.30 Lunch		
Session 2 Managing Antifungals for the future Chair: TBC		
13.30-13.45	<u>Gilead Fellowship Talk:</u> Alida Talento <i>St James's Hospital</i>	Antifungal stewardship in critical care: implementing a diagnostics driven approach in the management of invasive candidiasis
13.45-14.00	<u>Gilead Fellowship Talk:</u> Adilia Warris <i>University of Aberdeen</i>	Paediatric Antifungal Stewardship: optimising antifungal prescription in children (PASOAP)
14:00-14:30	Stephen Kildea <i>Teagasc</i>	Is fungicide resistance an inevitable consequence of crop protection?
14.30-14.45	Hilda Dooley <i>Teagasc Oak Park</i>	Can applications of foliar micronutrients help to manage septoria tritici blotch, causal agent <i>Zymoseptoria tritici</i> ?
14.45-15.00	Alida Talento <i>St James's Hospital</i>	Multi-triazole-resistant <i>Aspergillus fumigatus</i> : Experience from an Irish tertiary referral centre
15.00-15.30 Tea/Coffee		
Session 3 Fungal Infection Case Studies Session (Irish Soc. Of Clinical Microbiology) Chair: Alida Talento		
15.30-16.00	Silke Schelenz <i>Imperial College London</i>	<i>Candida auris</i> , an infection control challenge

16.00-16.15	Margaret Creedon <i>St. Vincent's Univ. Hospital</i>	Antifungal Prophylaxis in Orthotopic Liver Transplantation: A Re-Audit.
16.15-16.30	Judi Lynch <i>St James's Hospital</i>	Galactomannan in bronchoalveolar lavage fluid for diagnosis of invasive pulmonary aspergillosis
16.30-16.45	Aia Mohamed <i>St James's Hospital</i>	A 6 year retrospective review of <i>Candida</i> bloodstream infections at St. James's Hospital: Are we following the guidelines?
Session 4 Posters		
16.45-18.00 Poster Session		
19.30 Conference Dinner at the Glenroyal Hotel		

Day 2		
Session 5 Epidemiology & Genomics of Fungal Pathogens		
Chair Tom Rogers		
9.30-10.00	David Denning <i>University of Manchester</i>	<i>Global Epidemiology of fungal disease</i>
10.00-10.15	Jessica Fletcher <i>Trinity College Dublin</i>	Evidence that <i>TLO</i> family expansion enhances fitness in <i>Candida</i> species
10.15-10.30	Charley McCarthy <i>Maynooth University</i>	Analysis of the fungal pangenome
10.30-10.45	Elise Iracane <i>UCD</i>	Role of Hac1 in the unfolded protein response in <i>Candida</i> species
10.45-11.00	Jamie McGowan <i>Maynooth University</i>	Genomics Analysis of the Oomycetes using the Oomycete Gene Order Browser (OGOB)
11.00-11.30 Tea/Coffee		
Session 6 Fungal Pathogenesis		
Chair: Gary Moran		
11.30-12.00	Bernhard Hube <i>Hans Knoell Institute, Jena</i>	Virulence or avirulence? Dual function genes of <i>Candida albicans</i>
12.00-12.15	Anatte Margalit <i>Maynooth University</i>	Characterizing the Response of A549 Cells to <i>Aspergillus fumigatus</i> and <i>Pseudomonas aeruginosa</i> : A Proteomic Approach
12.15-12:45	Cian Duggan <i>Imperial College London</i>	Co-option of the host endomembrane system by the potato late blight pathogen
12:45-13:00	Gerard Sheehan <i>Maynooth University</i>	<i>Galleria mellonella</i> larvae to study the development of invasive and disseminated aspergillosis <i>in vivo</i>
13.00-13.30 Irish Fungal Society AGM with Packed Lunch		