Meeting Information

All sessions (including posters) will take place in the Great Room, Cadbury House, Frost Hill, Congresbury, Bristol BS49 5AD.

http://www.cadburyhotelbristol.co.uk
With many thanks to our generous sponsors, who provided funding to support this meeting:
Sunday 18th March 2018

From 12.00 Registration, Foyer, Great Room

14.00-16.00 BSMM Executive Committee Meeting The Master Room
(BSMM Executive committee members only)

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Session ONE

CHAIR: Prof. Tom Rogers

16.45 Official Welcome

17.00 BSMM Foundation Lecture Prof. Tom Patterson “Letter from America: Clinical Mycology Practice in USA”

18.00 Poster Elevator Session 1

18.00-18.05 Ryan Kean “Transcriptional profiling of Candida auris biofilms reveals antifungal resistance mechanisms

18.05-18.10 Dhara Malavia “Physiological Properties and Drivers of Goliath cell formation in C. albicans”

18.10-18.15 Katherine Pline “Initiation of cryptococcosis is independent of infective burden at low inocula”

18.15 Poster session 1 (local cheeses, nibbles, refreshments and entertainment)

19.45 Dinner (Hot buffet) and Late Bar

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Monday 19th March 2018

Session TWO – Medical Mycology- Emerging fungal pathogens (and what we should call them now)

CHAIR: Dr Richard Barton

9.00 Keynote Talk Prof. Sybren de Hoog “10 reasons why taxonomy currently is a mess”

9.30 Offered Talk Helen Heaney “Comparison of stress resistance in Candida auris with other pathogenic Candida species”

9.45 Offered Talk Herbert Itabangi “Elucidation and modulation of innate immune responses during mucormycete infections”

10.00 Invited Talk Dr Johanna Rhodes “Genomic epidemiology of Candida auris within the United Kingdom”

10.15 Invited Case Report Dr Alasdair Bamford “Intestinal Basidiobolus in a child from Dubai”

10.30 Coffee

Session THREE – Medical Mycology- Antifungal drugs and susceptibilities

CHAIR: Dr Elizabeth Johnson

10.50 Keynote 2: Prof. Maiken Arendrup “Antifungal susceptibility testing: why, when and how


11.35 Pfizer Lecture To be Confirmed
12.05 Invited Case Report Dr. Rajesh Alajangi ‘Unresectable invasive mucormycosis of the lungs, treated with Isavuconazole’

12.20 Gilead Fellows Talk 1 Dr. Laura Ferreras-Antolin “Antifungal Prescription in Children and Neonates: a multicentre point prevalence study (PASOAP)”

12.35 Gilead Fellows Talk 2 Dr. Anand Shah “Determining the impact of azole resistant Aspergillus fumigatus on outcome in cystic fibrosis”

12.50 Lunch

Session FOUR – Medical Mycology continued - Diagnostic approaches

CHAIR: Dr. Lewis White

13.45 Keynote 3 Prof. Katrien Lagrou “An end to the empirical antifungal era – an update on novel diagnostic strategies”

14.15 Keynote 4 Prof. Russell Lewis “Improved Radiological Imaging of Mould Infections: The Cornerstone of Antifungal and Diagnostic Stewardship in Haematology Units”

14.45 Gilead fellows talk 3 Dr Alida Fe “Moving towards a diagnostic driven approach in the management of invasive candidiasis in critical care”

15.00 Invited Talk 3 Prof. Matthew Burton “Fungal Keratitis: Update on Epidemiology, Diagnosis and Management”

15.15 Coffee
Session FIVE – An update on Whole Genome Sequencing
CHAIR: Prof. Robin May

15.40 Keynote 5 Prof. Matt Fisher “What has fungal whole genome sequencing ever done for us?”

16.10 Offered Talk 4 Dr. Sara Gago “Fungal colonisation of the respiratory airways is controlled by multiple human genetic factors”

16.25 Offered talk 5 Dr. Selinda Orr “Differential susceptibility of Dectin-1 isoforms to functional inactivation by neutrophil and fungal proteases”

16.40 Poster Elevator Session 2 (4 x 5 mins)

16.40-16.45 Daniel Larcombe “Glucose enhanced oxidative stress resistance as an example of adaptive prediction in Candida albicans”

16.45-16.50 Aaron Crawford “Adaptation to the host micronutrient environment: Candida albicans Zrc1 and its role in zinosomal zinc buffering”

16.50-16.55 Vanessa Alves da Silva “The Apt1 flippase is important for Cryptococcus neoformans transmigration across endothelial cells”

16.55-17.00 Debra DeLoach “Does Differential Coregulation of Hsp90 Cochaperones Contribute to Morphogenesis in Candida albicans?”

17.00 AGM (All BSMM members welcome)

17.45 Poster Session 2 (with refreshments from 18.45)

19.30 BSMM Annual Gala Dinner

Sing-Song and Late Bar
Tuesday 20\textsuperscript{th} March 2018

Session SIX – Fungal biology

CHAIR: Prof. Julian Naglik

9.30 Keynote 6. Dr. Mike Bromley “The antifungal drug development pipeline”

10.00 GILEAD LECTURE Prof. Neil Gow “A journey through outer space: the viscoelastic properties of the fungal cell wall allow traffic of AmBisome as intact liposome vesicles”

10.30 Offered Talk 5 Dr. Jemima Ho “Candidalysin signals through the epidermal growth factor receptor (EGFR)”

10.45 Coffee

Session SEVEN – Fungal biology

CHAIR: Prof. Alistair Brown

11.15 Keynote 7. Prof. Laurence Delhaes “The Respiratory Microbiome in CF patients”

11.45 Offered Talk 6 Dr. Ernesto Cota “An aromatic cage in Candida Als adhesins enhances selectivity for host cell ligands”

12.00 Offered Talk 7 Dr. Elizabeth Ballou “The Cryptococcus neoformans Titan cell is an inducible and regulated morphotype underlying pathogenesis”

12.15 Offered Talk 8 Dr. Alessandra da Silva Dantas “The chitin attenuator: the Ca\textsuperscript{2+}/calcineurin pathway maintains the viability of Candida albicans cells with supra-normal chitin levels”
12.30  Offered Talk 9  Dr. Duncan Wilson “Intracellular micronutrient mobilisation fuels Candida albicans pathogenicity”

12.45  Close

12.50-14.00  Lunch and departure

OR:

14.00  Wellcome Trust Strategic Award for Medical Mycology and Fungal Immunology Symposium

Immediately following the BSMM meeting, the Wellcome Trust Strategic Award for Medical Mycology and Fungal Immunology will be holding a Symposium which will be an afternoon of talks from WTSA post-holders in the same venue, to which all BSMM 2018 attendees are invited.