

Annual Congress on

Mycology and Fungal Infections

November 16-17, 2017 Atlanta, USA



Pulsus Group

40 Bloomsbury Way, Lower Ground Floor, London, United Kingdom, WC1A 2SE, USA/Canada
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November 16	
Hall-Majestic I	
09:00-10:00	Registrations
Opening Ceremony @ 10:00-10:25	
Keynote Forum	
10:25-11:05	Title: Molecular actions of heme, an important molecule impacting fungal virulence and drug resistance
	Li Zhang, The University of Texas at Dallas, USA
11:05-11:45	Title: Fungal prions, stress and cellular memory
	Yury Chernoff, Georgia Institute of Technology, USA
Panel Discussion	
Coffee Break 11:45-12:00	
12:00-12:40	Title: Electrochemical biosensors for rapid diagnosis of fungal infections in agriculture
	Ramaraja Ramasamy, The University of Georgia, USA
12:40-13:20	Title: Complexes of potentially pathogenic microscopic fungi in anthropogenic polluted soils
	Maria Korneykova, INEP KSC, Russia
Panel Discussion	
Lunch Break 13:20-14:20	
Session I: Fungal Biotechnology and Pharmaceutical Mycology Fungal Diseases: Detection, Diagnosis and Preventions Fungal Diversity and Ecology	
Session Chair: Yury Chernoff, Georgia Institute of Technology, USA	
Session Co-chair: Li Zhang, The University of Texas at Dallas, USA	
Session Introduction	
14:20-14:55	Title: Genomics, transcriptomics, proteomics, and biochemistry of white-rot basidiomycete <i>Trametes hirsuta</i> 072
	Andrey R. Pavlov, Fidelity Systems, Inc., USA
14:55-15:30	Title: High-throughput screening to identify regulators of meiosis-specific gene expression in <i>Saccharomyces cerevisiae</i>
	Yona Kassir, Technion-Israel Institute of Technology, Israel
15:30-16:05	Title: Prion-like properties of a yeast G protein receptor involved in regulation of mating
	Tatiana Chernova, Emory University, USA
Pannel Discussion @ 16:05-16:15	
Coffee Break 16:15-16:30	
Posters Session and Networking	
Poster Judge: Li Zhang, The University of Texas at Dallas, USA	
P 01	Title: Variation of anti-fungal saponin concentration in <i>Apostichopus japonicus</i>
	Akira Yano, Iwate Biotechnology Research Center, Japan
P 02	Title: Yeast assay for amyloid aggregation in proteopathies
	Zachery Deckner and Pavithra Chandramowliswaran, Georgia Institute of Technology, USA
P 03	Title: Physiological regulation of heritable protein aggregation
	Rebecca Howie, Georgia Institute of Technology, USA
P 04	Title: Aggregate formation by prionogenic proteins in yeast
	Anastasiya Grizel, St. Petersburg State University, Russia
P 05	Title: Short-length DNA marker for the determination of malayan box turtle (<i>Cuora amboinensis</i>) materials in food chain and traditional chinese medicines
	Asing, University of Malaya, Malaysia

November 17	
Hall-Majestic I	
Keynote Forum	
10:00-10:40	Title: Methods for characterizing fungal communities in the human microbiome
	Kyle Bittinger , Children's Hospital of Philadelphia, USA
10:40-11:20	Title: Candida-associated gastric ulcer until yesterday, today, and from tomorrow
	Kenji Sasaki , Midtown Medicare Clinic, Japan
Panel Discussion	
Coffee Break 11:20-11:40	
Session: Medical and Clinical Mycology Fungal Infectious Diseases Current Trends, Innovations and Future Prospects in Mycology Fungal Biotechnology and Pharmaceutical Mycology	
Session Chair: Li Zhang , The University of Texas at Dallas, USA	
Session Co-chair: Kyle Bittinger , Children's Hospital of Philadelphia, USA	
Session Introduction	
11:40-12:15	Title: A comparative study on the growth of <i>Aspergillus</i> species on formulated culture media from food crop wastes and sabouraud dextrose agar
	Janet Uchechukwu Itelima , University of Jos, Nigeria
12:15-12:50	Title: Genome shuffling of mangrove endophytic <i>Aspergillus luchuensis</i> MERV10 for improving the cholesterol-lowering agent lovastatin under solid state fermentation
	Hind AlZahrani , KAU University, Saudi Arabia
Young Researchers Forum	
YRF Judge: Li Zhang , The University of Texas at Dallas, USA	
YRF Judge: Kyle Bittinger , Children's Hospital of Philadelphia, USA	
12:50-13:20	Title: Heme promotes transcriptional and demethylase activities of Gis1, a member of the histonendemethylase JMJD2/KDM4 family
	Tianyuan Wang , The University of Texas at Dallas, USA
Panel Discussion	
Lunch Break 13:20-14:20	
14:20-14:50	Title: The hnRNP-like yeast termination factor Nab3 can employ heterologous low complexity domains in place of its essential low complexity domain
	Travis Loya , Emory University, USA
14:50-15:20	Title: Characterizing protein interactions promoting heme regulation of the JMJC domaincontaining protein Gis1 in yeast
	Purna Chaitanya Konduri , The University of Texas at Dallas, USA
15:20-15:50	Title: Bioremediation potential of fungi isolated from uranium mine in Brazil
	Ednei Coelho , University of São Paulo, Brazil
Panel Discussion @ 15:50-16:00	
Coffee Break 16:00-16:20	
Awards and Closing Ceremony	

