

IMEMA 2021
International Meeting on Endemic Mycoses of the Americas

Room 2: Virulence factors – Immune response - OMICS - Ecology

Day 1 - 29/05

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9:00 – 9:05 am Room 1 and 2	Welcome greeting
9:05 – 10:25 am	Block 1 Elucidating virulence factors in human dimorphic fungal pathogens
Introducción (2 minutos) Presentaciones 60 minutos Videos grabados 15 minutos cada uno Discussion (18 minutos)	Chairs: Marcus Texeira - A. Gonzalez CRISPR in Paracoccidioides. Juan McEwen CRISPR-CAS9 in Coccidioides. Bridget Barker Iron homeostasis and virulence in the genus Paracoccidioides. Celia Soares Divergence in Histoplasma Virulence strategies. Victoria Sepulveda
BREAK – 5 min	
10:30 – 11:50 am	Block 2 OMICS sciences applied to endemic mycoses
Introducción (2 minutos) Presentaciones 60 minutos Videos grabados 20 minutos cada uno Discussion (18 minutos)	Chair: Juan McEwen - G. García Efron Phylogenomics in Histoplasma Marcus Teixeira Use of immunoproteomics and bioinformatics in the study of pathogenic fungi. Clayton Borges The evolution of recombination in pathogenic fungi. Daniel Matute Discussion
11:50 – 12:30 am Room 1 and 2	Proposal of endemic mycoses as Neglected Disease

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Day 2 - 05/06

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9:00 – 10:00 am	Block 1 Immune Responses in endemic mycoses
Introducción (2 minutos) Presentaciones 45 minutos Videos grabados 15 minutos cada uno Discussion (13 minutos)	Chairs: Carlos Taborda - Marcus Teixeira The role of immunity in coccidioidomycosis. Bridget Barker Vesicles in human fungal pathogens. Diego De Souza A new emerging immunological role of mesenchymal stem cells during infection by <i>Paracoccidioides brasiliensis</i> Angel Gonzalez
BREAK – 5 min	
10:05 – 11:05 am	Block 2 Ecology approaches
Introducción (2 minutos) Presentaciones 45 minutos Videos grabados 15 minutos cada uno Discussion (13 minutos)	Chair: Rosane Hahn – Karina Ardizzoli Dimensions and meanings of armadillos as reservoir hosts for <i>Paracoccidioides</i> and <i>Coccidioides</i> species Eduardo Bagagli Finding <i>Histoplasma</i> spp. in the environment. Luisa Gómez Wild animals as endemic mycosis reservoirs. Roberto Suarez
11:05 – 11:25 am	Block 3
Introducción Presentación 20 minutos Video grabado Discussion (5 minutos)	Vaccines for <i>Paracoccidioides</i>, <i>Histoplasma</i> and <i>Coccidioides</i> state of art Chair: Cristina Iovanitti Speaker: Carlos Taborda
11:25 – 12:30 am Room 1 and 2	Surveillance and mandatory report of mycoses in Brazil Surveillance and mandatory report of mycoses in Argentina CDC Vision about endemic mycoses Elimination of Neglected Infectious Diseases in the Americas Discussion and closing remarks and final recommendations/thoughts