

11:10-12:05 **Conference:** Cryptic Sex in the Fungal Pathogen *Candida albicans*
Richard J. Bennett, Brown University, RI, USA
Chair: Angela Restrepo

12:00-13:30 **Lunch**

13:30-16:00 **Session 2**
***P. brasiliensis* Exposed: Revealing Speciation and Sex!**
Chairs: Eduardo Bagagli and Juan G. McEwen

Molecular and morphological aspects of mating in *Paracoccidioides*: comparative studies with other dimorphic fungal pathogens

Marcus Teixeira, UNB, DF, Brazil

Presence and expression of the mating type locus in *Paracoccidioides brasiliensis* isolates

Isaura Torres Gómez, CIB, and U. de Antioquia, Medellín, Colombia

PRP8 intein: a parasitic genetic element in a house keeping gene of *Paracoccidioides brasiliensis* - meaning and applications

Raquel Theodoro, UNESP, Botucatu, SP, Brazil

Identification of transposable elements in genomes of the *Paracoccidioides* species complex

Patrícia S. Cisalpino, UFMG, MG, Brazil

Comparative genomics of *Paracoccidioides* and gene family evolution in the dimorphic fungi

Chris A. Desjardins, Broad Institute, MIT, MAS, USA

16:00-16:30 **Coffee break**

16:30-17:25 **Conference:** Lessons from distant relatives: post-genomics of kinetoplastids as a model for discovery of therapeutic targets in pathogenic fungi
Igor C. Almeida, University of Texas at El Paso, TX, USA
Chair: Eva Burger

17:30-19:00 **Symposium 1**
Surveillance of Fungal Infections in Latin America
Chairs: Angela Restrepo and Rosely M. Zancopé Oliveira

Introductory remarks

Angela Restrepo, CIB, Medellín, Colombia

The dark world of black fungi: a major area of concern

Flávio de Queiroz Telles, UFPR, PR, Brazil

Aspergillosis and Fusariosis

Marcio Nucci, UFRJ, RJ, Brazil

Candidiasis

Arnaldo L. Colombo, UNIFESP-EPM, SP, Brazil

19:00-20:30

Dinner

20:30-22:00

Poster presentation I over "quentão" and popcorn

21:00-23:30

Dance party

Tuesday, 03 May 2011**8:30-9:25****Conference:** Forward and reverse genetic approaches to virulence factor discovery in *Histoplasma capsulatum***Chad A. Rappleye, Ohio State University, Columbus, Ohio, USA***Chair: Eduardo Bagagli***9:30-12:00****Session 3****Hunting *Paracoccidioides* Molecular Targets***Chairs: Gioconda San Blas and Zoilo P. Camargo*Silencing of the alternative oxidase (AOX) gene in *Paracoccidioides brasiliensis*: effect on cell metabolism and pathogenicity**Juan G. McEwen, CIB, and U. de Antioquia, Medellín, Colombia**Mechanisms of synthesis and degradation of cell wall alpha glucan in *Paracoccidioides brasiliensis***Gustavo Niño-Vega, IVIC, Caracas, Venezuela**Transcriptional analysis of *Paracoccidioides brasiliensis* in the presence of antifungals**Maristela Pereira, UFGO, GO, Brazil**Influence of 17 β -estradiol on gene expression of *Paracoccidioides brasiliensis* during mycelia to yeast transition**Karl V. Clemons, CIMR, CA, USA**

Post-genomics and antifungal development

Maria Sueli Felipe, UNB, DF, Brazil**12:00-13:30****Lunch****13:30-15:30****Session 4****Clinical and Epidemiological Aspects of Paracoccidioidomycosis: What is New?***Chairs: Rinaldo Pôncio Mendes and Gil Benard*

Lessons from patients with Paracoccidioidomycosis: the host-fungus interaction still out of (our) control

Gil Benard, FM-USP, SP, Brazil

The clinical and epidemiological features of Paracoccidioidomycosis in the Southeast of Brazil: report of a cohort of 1000 patients

Roberto Martinez, USP-RP, SP, Brazil

The lung in treated Paracoccidioidomycosis patients: new insights into an old problem

André Nathan, FM-USP, SP, Brazil

Liver Paracoccidioidomycosis in children

Ricardo M. Pereira, FCM-UNICAMP, SP, Brazil

Paracoccidioidomycosis in women

Rinaldo Pôncio Mendes, UNESP-Botucatu, SP, Brazil**15:35-16:30****Conference:** Chemokine regulation of immunity to *Histoplasma capsulatum***George S. Deepe, Jr., University of Cincinnati, OH, USA***Chair: Vera L. Calich***16:30-17:00****Coffee break****17:00-18:30****Poster presentation II****18:30-20:30****Session 5****Immune Responses in Paracoccidioidomycosis – Part II***Chairs: Luiz R. Travassos and Vera L. G. Calich*

Functions of regulatory T cells in Paracoccidiodomycosis: do they protect or exacerbate the disease?

Vera L. Calich, ICB-USP, SP, Brazil

N-glycans from TLR2 heterodimers as targets for a lectin that confers protection against Paracoccidiodomycosis

Maria Cristina Roque Barreira, USP-RP, SP, Brazil

Is a therapeutic vaccine in Paracoccidiodomycosis possible? An update

Carlos P. Taborda, ICB-USP, SP, Brazil

Immune and histological aspects of pulmonary fibrosis in experimental Paracoccidiodomycosis

Luz Elena Cano R, CIB; U. de Antioquia; UPB, Medellín, Colombia

21:00-23:30 Gala Dinner "Caipira" followed by "Festa Caipira"

Wednesday, 04 May 2011

8:00-9:30 Symposium 2
Selected Oral Poster Presentations
Chairs: Maria José Mendes-Giannini and Maria Sueli Felipe

9:35-10:30 Conference: Modifying the intracellular fate of *Histoplasma capsulatum*
Joshua D. Nosanchuk, Albert Einstein College of Medicine, NY, USA
Chair: Célia Maria A. Soares

10:30-11:00 Coffee break

11:00-13:00 Session 6
Discussing the Host-*Paracoccidoides* Relationship
Chairs: Luiz R. Travassos and Leila M. Lopes Bezerra

The use of proteomics to study host-*Paracoccidoides* interactions

Célia Maria A. Soares, UFGO, GO, Brazil

Paracoccidoides brasiliensis molecules involved in interaction with the host

Maria José Mendes-Giannini, UNESP-Araraquara, SP, Brazil

Comparative genomic studies of *Paracoccidoides brasiliensis*, *Emmonsia spp.* and other Onygenales

Oliver K. Clay, CIB, and U. del Rosario, Medellín, Colombia

Does *Paracoccidoides brasiliensis* use extracellular vesicles to communicate with the host?

Rosana Puccia, UNIFESP-EPM, SP, Brazil

13:00-13:30 Closing Ceremony
Awards for the Best Posters

13:30-15:00 Late lunch and Check out