

Scientific Program

The sessions will take place in **Sala PAM Filmes**, while Poster Presentations will take place in **Sala Vera Cruz**. The Pre-Conference Short Courses will take place in **Sala Cinedistri**, **Sala Brasil** and **Sala de Apoio 5**.

Sunday, 01 May 2011

14:00	Registration opens
15:00	Arrival for pre-conference courses <i>(Suitcases will be kept at the hotel desk until check in starts at 18h)</i>
16:00-18:00	Pre-conference courses
	1. Navigating genome resources at the Broad website <i>Chris Desjardins, Broad Institute, MIT, MAS, USA</i>
	2. Lipid mediators of the immune response to fungi <i>Alexandra I. Medeiros, UNESP-Araraquara, SP, Brazil</i>
	3. Conventional and molecular diagnosis of endemic and opportunistic mycoses <i>Beatriz L. Gómez, CIB, Medellín, Colombia</i>
18:00	Arrival and Check in
19:00	Dinner
20:15	Opening Ceremony
20:30	Opening Conference: The genus <i>Paracoccidioides</i> : from visual observations to genomics in one hundred years <i>Gioconda San Blas, IVIC, Caracas, Venezuela</i> <i>Chair: Marcello F. Franco</i>
21:45	Musical Presentation under ProSecco

Monday, 02 May 2011

8:30-11:00	Session 1 Immune Responses in Paracoccidioidomycosis – Part I <i>Chairs: Maria Heloísa S. L. Blotta and José Daniel Lopes</i>
	The role of IL-18 in <i>Paracoccidioides brasiliensis</i> antifungal activities of human monocytes <i>Ângela M. C. Soares, UNESP-Botucatu, SP, Brazil</i>
	<i>Paracoccidioides brasiliensis</i> -induced migration of respiratory dendritic cells and subsequent antigen presentation in the lung draining lymph node <i>Sandro R. Almeida, FCF-USP, SP, Brazil</i>
	The role of NK cells in human Paracoccidioidomycosis <i>Ronei L. Mamoni, FCM-UNICAMP, SP, Brazil</i>
	Immune response in human Paracoccidioidomycosis: from infection to “cure” <i>Maria Aparecida Shikanai Yasuda, FM-USP, SP, Brazil</i>

Invited oral presentations

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

Poster presentation I over “quentão” and popcorn

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 Paracoccidiomycosis: What is New?

Chairs: Rinaldo Pôncio Mendes and Gil Benard

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

Gil Benard, FM-USP, SP, Brazil

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

Roberto Martinez, USP-RP, SP, Brazil

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

André Nathan, FM-USP, SP, Brazil

Liver Paracoccidiomycosis in children

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

Paracoccidiomycosis 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 Paracoccidiomycosis – Part II

Chairs: Luiz R. Travassos and Vera L. G. Calich

Functions of regulatory T cells in Paracoccidioidomycosis: 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 Paracoccidioidomycosis

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

Is a therapeutic vaccine in Paracoccidioidomycosis possible? An update

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

Immune and histological aspects of pulmonary fibrosis in experimental Paracoccidioidomycosis

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-*Paracoccidioides* Relationship

Chairs: Luiz R. Travassos and Leila M. Lopes Bezerra

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

Célia Maria A. Soares, UFGO, GO, Brazil

Paracoccidioides brasiliensis molecules involved in interaction with the host

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

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

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

Does Paracoccidioides 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