

**Meeting Program (Programa Científico)  
October 24, 2010**

**14h00 - 18h00 - Expo Center IV - Room C - PM-01 - PRE-MEETING COURSES  
OFICINA DE REDAÇÃO CIENTÍFICA**

**October 25, 2010**

**08h00 - 12h00 - Expo Center IV - Room C - PM-02 - PRE-MEETING COURSES  
OFICINA DE REDAÇÃO CIENTÍFICA**

**14h00 - 19h00 - Expo Center III - REGISTRATION**

**17h00 - 17h20 - Expo Center II - Room A - MEETING OPENING  
Welcome & Announcements**

**17h20 - 18h20 - Expo Center II - Room A - SPC - SAMUEL PESSOA CONFERENCE**

**RESEARCH IN BRAZIL AS AN OPTION: 40 YEARS OF EXPERIENCE AND  
DEDICATION**

*Antoniana Ursine Krettli (FIOCRUZ Brasil)*

**Chair:** Alvaro Jose Romanha (FIOCRUZ Brasil)

**19h00 - 20h30 - Swimming Pool - COCKTAIL**

**20h30 - 22h30 - Expo Center III - PS - 01 - POSTER SESSION  
ODD Numbers / Números ÍMPARES**

## October 26, 2010

### 09h00 - 11h00 - Expo Center II - Room A – OP.01 - ORAL PRESENTATIONS

#### Molecular Biology

Chair: Renata Torres de Souza and Cristina Henriques

- BM007 - GENOMIC AND TRANSCRIPTOMIC ANALYSIS OF *Leishmania (Viannia) braziliensis* RESISTANT TO POTASSIUM ANTIMONY TARTRATE  
*Daniel Barbosa Liarte (Centro de Pesquisas René Rachou-FIOCRUZ Brazil)*
- BM023 - FUNCTIONAL CHARACTERIZATION OF THREE LEISHMANIA PABP HOMOLOGUES WITH DISTINCT BINDING PROPERTIES TO RNA AND PROTEIN PARTNERS  
*Tamara De Carli da Costa Lima (Centro de Pesquisas Aggeu Magalhães Brazil)*
- BM050 - A PLATFORM FOR TRYPANOSOMA CRUZI REVERSE GENETICS: A STEP CLOSER FOR HIGH-THROUGHPUT GENE CHARACTERIZATION  
*Fernanda Grande Kugeratski (Instituto Carlos Chagas Brazil)*
- BM069 - EXPRESSION AND IMMUNOCYTOLOCALIZATION OF THE COHESIN SUBUNIT SCC1 IN *TRYPANOSOMA CRUZI*  
*Renata Cristina Grangeiro Ferreira (Universidade de Brasília Brazil)*
- BM079 - CHARACTERIZATION OF TRNA-DERIVED SMALL RNAs IN THE METACYCLIC *TRYPANOSOMA CRUZI*  
*Saloe Bispo Poubel (Instituto Carlos Chagas Brazil)*
- BM086 - CTLA-4 +49 and PD-1.3 POLYMORPHISMS CAN CONTRIBUTE FOR DIGESTIVE FORM IN CHAGASIC PATIENTS.  
*Fabrcio César Dias (Faculdade de Medicina de Ribeirão Preto/USP Brazil)*
- BM106 - THE FOUR TRYPANOSOMATID eIF4E HOMOLOGUES FALL INTO TWO DISTINCT GROUPS, WITH FUNCTIONS IN TRANSLATION AND OTHER CRITICAL PROCESSES  
*Rodrigo Pontes de Lima (Centro de Pesquisas Aggeu Magalhães Brazil)*

### 09h00 - 11h00 - Expo Center IV - Room B – OP.02 - ORAL PRESENTATIONS

#### Immunology

Chair: Tiago W. P. Mineo and Fabio T. M. Costa

- IM07 - APOPTOSIS IN THE SPLEEN AND PERIPHERAL BLOOD IN DOGS NATURALLY INFECTED BY *LEISHMANIA (L.) CHAGASI*  
*Valéria Marçal Felix de Lima (Universidade Estadual Paulista Brazil)*
- IM17 - RESTRICTION OF *LEISHMANIA AMAZONENSIS* INFECTION BY THE INFLAMMASOMES  
*Djalma de Souza Lima Júnior (Faculdade de Medicina de Ribeirão Preto/USP Brazil)*
- IM21 - STUDY OF THE INTERACTION BETWEEN CANINE NEUTROPHILS AND *LEISHMANIA CHAGASI* POSTER  
*Amanda Brito Wardini (Universidade Federal do Rio de Janeiro Brazil)*
- IM25 - RELATIONSHIP BETWEEN DENDRITIC AND CD4+/CD8+ T CELLS IN THE SKIN OF BALB/C MICE INFECTED WITH *L. (L.) AMAZONENSIS* AND *L. (V.) BRAZILIENSIS*  
*Ana Kely de Carvalho (Faculdade de Medicina Universidade de São Paulo Brazil)*
- IM32 - VACCINATION WITH THE LEISHMUNE®S NUCLEOSIDE HYDROLASE MAPS THE C-TERMINAL DOMAIN AS THE TARGET OF THE PROTECTIVE IMMUNE RESPONSE  
*Dirlei Nico (Universidade Federal do Rio de Janeiro Brazil)*
- IM45 - ACTIVATION OF PLATELETS BY *LEISHMANIA MAJOR* PARASITES TO ATTRACT A POPULATION OF KILLER MONOCYTES TO THE SITE OF INFECTION  
*Ricardo Gonçalves (Universidade Federal de Ouro Preto Brazil)*
- IM53 - STUDY OF REGULATORY T CELLS (TREGS) FUNCTION IN HUMAN CUTANEOUS LEISHMANIASIS DUE TO *LEISHMANIA BRAZILIENSIS* INFECTION  
*Diego Luís Costa (Faculdade de Medicina de Ribeirão Preto - Universi Brazil)*

**October 26, 2010****09h00 - 11h00 - Expo Center IV - Room C – OP.03 - ORAL PRESENTATIONS****Biochemistry and Immunology****Chair:** Luiz Carlos Crocco Afonso and Renata R. Tonelli

- BQ10 - QUERCETIN INDUCES DEATH IN *LEISHMANIA AMAZONENSIS* BY MITOCHONDRIAL DYSFUNCTION AND REACTIVE OXYGEN SPECIES PRODUCTION  
*Fernanda da Fonseca e Silva (Instituto Oswaldo Cruz / FIOCRUZ Brazil)*
- BQ14 - CHARACTERIZATION OF A SIR2-RELATED PROTEIN FROM *LEISHMANIA (L.) AMAZONENSIS* (LaSir2) AS A CYTOPLASMIC, GLYCOSYLATED NAD<sup>+</sup>-DEPENDENT DEACETYLASE.  
*Melissa Regina Fessel (Unicamp Brazil)*
- BQ36 - INVASION OF HOST CELLS BY *TRYPANOSOMA CRUZI*: A NEW PUTATIVE RECEPTOR  
*Ketna Guilhermino Khusal (Universidade de São Paulo Brazil)*
- BQ38 - MECHANISM OF TUNICAMYCIN RESISTANCE AND EVALUATION OF N-GLYCOSYLATION INHIBITION OVER VIRULENCE IN *LEISHMANIA* PARASITES  
*Juliano Simões de Toledo (Universidade de São Paulo Brazil)*
- IM16 - MODULATION OF DENDRITIC CELL RESPONSE BY DIFFERENT SPECIES OF *Leishmania* AND THE PARTICIPATION OF EXTRACELLULAR-ATP AND ADENOSINE ON THIS PROCESS  
*Amanda Braga de Figueiredo (Universidade Federal de Ouro Preto Brazil)*
- IM51 - VITAMIN A-DEFICIENCY IMPAIRS INTESTINAL CD4<sup>+</sup> FOXP3<sup>+</sup> REGULATORY T CELL EXPANSION AND THE EFFICACY OF THE ORAL LAAG VACCINE AGAINST *LEISHMANIA AMAZONENSIS* INFECTION  
*Izabella Pereira da Silva Bezerra (Universidade Federal do Rio de Janeiro Brazil)*

**09h00 - 11h00 - Expo Center IV - Room D – OP.04 - ORAL PRESENTATIONS****Epidemiology****Chair:** Gerhard Wunderlich and Ana Lucia Falavigna-Guilherme

- EP02 - GENES INFLUENCE SEROPOSITIVITY FOR *T. CRUZI* INFECTION AND EKG MEASURES OF CHAGAS DISEASE PROGRESSION  
*Sarah Williams-Blangero (Southwest Foundation for Biomedical Research United States)*
- EP09 - THE EPIDEMIOLOGY OF THE ACUTE CHAGAS DISEASE IN THE STATE OF PARÁ, BRAZIL  
*Adriana de Jesus Benevides Almeida (Universidade de Brasília Brazil)*
- EP21 - EVALUATION OF PARASITE RECOMBINANT PROTEIN AS ANTIGENS FOR CUTANEOUS LEISHMANIASIS SERODIAGNOSIS.  
*Ana Paula Almeida de Souza (Fundação Oswaldo Cruz Brazil)*
- EP23 - A PROTEOMIC APPROACH TO THE RECOGNOME OF THE *PLASMODIUM FALCIPARUM* INFECTED RED BLOOD CELL SURFACE  
*Gerhard Wunderlich (Instituto de Ciencias Biomedicas Brazil)*

**11h00 - 11h25 - Foyer - COFFEE BREAK**

**October 26, 2010**

**11h30 - 12h00 - Expo Center II - Room A – MC.01 - MINI-CONFERENCE**

**THE DNA REPAIR AND OXIDATIVE STRESS IN *TRYPANOSOMA CRUZI***

*Carlos Renato Machado (Universidade Federal de Minas Gerais Brasil)*

**Chair:** Bruno Dallagiovanna Muñiz (ICC - FIOCRUZ Brasil)

**11h30 - 12h00 - Expo Center IV - Room B – MC.02 - MINI-CONFERENCE**

**LEISHMANIA PARASITES INDUCE AND ARE KILLED BY NETTING NEUTROPHILS**

*Elvira Maria Saraiva (UFRJ, Inst. de Microbiologia Prof Paulo de Góes Brasil)*

**Chair:** Camila Indiani de Oliveira (FIOCRUZ Brasil)

**12h00 - 12h30 - Expo Center II - Room A – MC.03 - MINI-CONFERENCE**

**MITOCHONDRIA AND CELL DEATH IN *T. CRUZI***

*Anibal Eugenio Vercesi (Univ. Est. de Campinas, Fac. de Ciências Médicas Brasil)*

**Chair:** Fernanda Ramos Gadelha (UNICAMP Brasil)

**12h00 - 12h30 - Expo Center IV - Room B – MC.04 - MINI-CONFERENCE**

**THE CELL BIOLOGY OF *LEISHMANIA* - SAND FLY INTERACTIONS**

*David Sacks (National Inst. of Allergy and Infectious Diseases USA)*

**Chair:** Camila Indiani de Oliveira (FIOCRUZ Brasil)

**14h30 - 16h00 - Expo Center II - Room A – RT.01 - ROUND TABLE**

**HOST-PARASITE INTERACTION DURING *LEISHMANIA* INFECTION**

**Chair:** Camila Indiani de Oliveira (CPqGM-FIOCRUZ Brasil)

**IMMUNOREGULATION IN CUTANEOUS LEISHMANIASIS: A ROLE FOR NOTCH SIGNALING**

*Lucas Pedreira de Carvalho (UFBA, Brasil)*

**ROLE OF NEUTROPHILS IN RESISTANCE AGAINST EXPERIMENTAL *L. BRAZILIENSIS* INFECTION**

*Camila I. de Oliveira (CPqGM-FIOCRUZ Brasil)*

**THE IMPORTANCE OF MICRORNAs IN MACROPHAGE POLARIZATION AND IN SURVIVAL OF *LEISHMANIA***

*Joel kraff (University of Iowa USA)*

**14h30 - 16h00 - Expo Center IV - Room B – RT.02 - ROUND TABLE**

**NEGLECTED DISEASES: CHALLENGES AND OPPORTUNITIES**

**Chair:** Adriano Defini Andricopulo (IFSC-USP Brasil)

**CHARACTERIZATION OF ARTEMISININ RESISTANT *Plasmodium falciparum***

*Dennis E. Kyle (University of South Florida USA)*

**STRUCTURE- AND LIGAND-BASED DRUG DESIGN APPROACHES FOR NEGLECTED TROPICAL DISEASES**

*Adriano Defini Andricopulo (IFSC-USP Brasil)*

**PHENOTYPIC HIGH-THROUGHPUT SCREENING FOR NEGLECTED DISEASES**

*Lucio Holanda Gondim de Freitas Junior (Institut Pasteur Korea Korea)*

Meeting Program

14h30 - 16h00 - Expo Center IV - Room C – RT.03 - ROUND TABLE

**VECTOR-PARASITE INTERACTION**

**Chair:** Yara Maria Traub-Cseko (FIOCRUZ Brasil)

**CHARACTERIZATION OF THE *ANOPHELES AQUASALIS* IMMUNE RESPONSE TO *Plasmodium vivax***

*Yara Maria Traub-Cseko (Fundação Oswaldo Cruz, Instituto Oswaldo Cruz Brasil)*

**PROTEOPHOSPHOGLYCAN CONFERS RESISTANCE OF LEISHMANIA MAJOR TO MIDGUT DIGESTIVE ENZYMES INDUCED BY BLOOD FEEDING IN VECTOR SAND FLIES**

*Nagila Francinete Costa Secundino (CPqRR, Fiocruz Brasil)*

**INFLUENCES OF THE MICROBIOME ON PATHOGEN TRANSMISSION: LESSONS LEARNED FROM THE TSETSE FLY**

*Serap Aksoy (Yale University School of Public Health USA)*

14h30 - 16h00 - Expo Center IV - Room D – RT.04 - ROUND TABLE

**NUCLEAR DNA REPLICATION IN PROTOZOA**

**Chair:** Maria Carolina Elias (Instituto Butantan Brasil)

**THE BIOLOGY OF NUCLEAR DNA REPLICATION IN TRIPANOSOME**

*Maria Carolina Elias (Instituto Butantan Brasil)*

***Plasmodium falciparum* ORIGIN RECOGNITION COMPLEX (ORC): ROLE IN THE REGULATION OF PARASITE DNA REPLICATION AND VIRULENCE GENE EXPRESSION**

*Suman Kumar DHAR (Jawaharlal Nehru University India)*

**ANALYSIS OF THE ARCHITECTURE AND FUNCTION OF THE NUCLEAR DNA REPLICATION APPARATUS IN *TRYPANOSOMA BRUCEI*.**

*Richard McCulloch (University of Glasgow UK)*

16h00 - 16h25 - Foyer - COFFEE BREAK

16h30 - 17h10 - Expo Center II - Room A – CO.01 – CONFERENCE

**INSIGHTS INTO THE PATHOGENESIS OF VIVAX MALARIA**

*Manoel Barral Netto (FIOCRUZ, Centro de Pesquisas Gonçalo Muniz Brasil)*

**Chair:** João Santana da Silva (FMRP - USP Brasil)

17h10 - 17h50 - Expo Center II - Room A – CO.02 – CONFERENCE

**DARING TO BE DIFFERENT: UNUSUAL ASPECTS OF GENE TRANSCRIPTION IN *TRYPANOSOMA BRUCEI***

*George A. M. Cross (The Rockefeller University USA)*

**Chair:** Yara Maria Traub-Cseko (IOC-FIOCRUZ Brasil)

20h30 - 22h30 - Expo Center III - PS-02 - POSTER SESSION

EVEN Numbers / Números PARES

**October 27, 2010**

**09h00 - 11h00 - Expo Center II - Room A – OP.05 - ORAL PRESENTATIONS**

**Immunology**

**Chair:** Leda Quercia and Dario Zamboni

- IM65 - NEUROLOGICAL MANIFESTATION IN EXPERIMENTAL *TRYPANOSOMA CRUZI* INFECTION: DEPRESSION AND MEMORY  
*Glauca Vilar Pereira (Universidade Federal Fluminense Brazil)*
- IM66 - CD8 + T CELL FUNCTION IN THE PATHOGENESIS OF CHRONIC CHAGASIC CARDIOMYOPATHY  
*Jaline Coutinho Silverio (Instituto Oswaldo Cruz Brazil)*
- IM69 - REGULATORY EFFECTS OF IL-18 ON CYTOKINE PROFILES AND DEVELOPMENT OF MYOCARDITIS DURING *TRYPANOSOMA CRUZI* INFECTION  
*Lísia Maria Esper (Universidade Federal de Minas Gerais Brazil)*
- IM71 - INFLAMMATORY ANGIOGENESIS INDUCED BY *TRYPANOSOMA CRUZI* ANTIGENS IN MURINE SPONGE MODEL  
*Francisca Hildemagna Guedes da Silva (Universidade Federal de Ouro Preto Brazil)*
- IM73 - ESSENCIAL ROLE OF CASPASE-1 FOR THE HOST INNATE IMMUNE RESPONSE AGAINST PARASITE *TRYPANOSOMA CRUZI*  
*Grace Kelly da Silva (Faculdade de medicina de Ribeirão Preto-USP Brazil)*
- IM77 - ANTIBODIES PRODUCTION AND CIRCULATING LEUCOCYTES IN BALB/c MICE REINFECTED WITH RECOMBINANT *TOXOPLASMA GONDII* STRAINS AFTER IMMUNOSUPPRESSION WITH CYCLOPHOSPHAMIDE  
*Letícia de Azevedo Silva (Universidade Federal de Minas Gerais Brazil)*
- IM79 - Detection of Th17 and T regulatory cells during the course of experimental toxoplasmosis in susceptible and resistant mice  
*Denise Moraes da Fonseca (Faculdade de Medicina de Ribeirão Preto Brazil)*

**09h00 - 11h00 - Expo Center IV - Room B – OP.06 - ORAL PRESENTATIONS**

**Cell Biology and Molecular Biology**

**Chair:** Maria Isabel N. Cano and Silvia Reni Bortolin Uliana

- BC013 - LIMP-1 IS IMPORTANT FOR *TRYPANOSOMA CRUZI* EXTRACELLULAR AMASTIGOTE INTERNALIZATION INTO MEF CELLS  
*Viviane Martinelli Gonçalves (Universidade Federal de São Paulo Brazil)*
- BC028 - THE DIFFERENTIAL ROLE OF LYSOSOMAL PROTEINS LAMP-1 AND LAMP-2 IN HOST CELL INVASION BY T. *CRUZI* TISSUE CULTURE TRYPOMASTIGOTES  
*Ludmila Fernandes Kelles (Universidade Federal de Minas Gerais Brazil)*
- BC037 - TOR-like 1 KINASE IS INVOLVED IN THE CONTROL OF OSMOTIC STRESS RESPONSE IN *TRYPANOSOMA BRUCEI*  
*Teresa Cristina Leandro de Jesus (Universidade Federal de São Paulo Brazil)*
- BC060 - MORPHOLOGICAL ASPECTS OF *TOXOPLASMA GONDII*-FELINE ENTEROCYTES INTERACTION IN VITRO  
*Renata Morley de Muno (FIOCRUZ Brazil)*
- BC065 - ANALYSIS OF THE INDUCTION OF NEUTROPHIL EXTRACELLULAR TRAPS (NETS) BY *Toxoplasma gondii*  
*Tatiana Christina Paredes Santos (Universidade Federal do Rio de Janeiro Brazil)*
- BC071 - GENE EXPRESSION PROFILES OF HUMAN MACROPHAGES INFECTED WITH *LEISHMANIA BRAZILIENSIS* IN VITRO  
*Luana Guimaraes de Sousa (UFBA Brazil)*
- BC072 - NEW ASPECTS ABOUT INTERACTION BETWEEN *GIARDIA LAMBLIA* AND INTESTINAL CELLS  
*Claudia Maia Brigagão (Universidade Federal do Rio de Janeiro Brazil)*
- BM011 - UV IRRADIATION INDUCES ALTERATIONS IN THE EXPRESSION OF *LEISHMANIA* SPP. TELOMERIC PROTEIN RBP38 (LaRBP38)  
*Arina Marina Perez (Universidade Estadual Paulista Julio de Mesquita F Brazil)*
- BM068 - The GTPase RJL IS INVOLVED IN METACYCLOGENESIS OF *TRYPANOSOMA CRUZI*  
*Guilherme Rodrigo R Monteiro dos Santos (Universidade Federal do Rio de Janeiro Brazil)*

**October 27, 2010****09h00 - 11h00 - Expo Center IV - Room C – OP.07 - ORAL PRESENTATIONS****Chemotherapy****Chair:** Renata Tonhosolo and Lisvane Paes

- QT13 - ALTERATION OF Trypanosoma cruzi CELL MEMBRANE INTEGRITY INDUCED BY ELATOL  
*Vânia Cristina Desoti (Universidade Estadual de Maringá Brazil)*
- QT37 - EVALUATION OF MECHANISM OF ACTION, IN VITRO AND IN VIVO ACTIVITIES OF LQB118, A NEW ANTILEISHMANIAL PROTOTYPE  
*Grazielle Alves Ribeiro (Fundação Oswaldo Cruz Brazil)*
- QT47 - Immunochemotherapy in BALB / c mice infected with Leishmania (L.) amazonensis  
*Carolina de Siqueira Paladi (Universidade Federal de São Paulo Brazil)*
- QT61 - EFFICACY OF CHALCONE-CONTAINING ELASTIC LIPOSOMES FOR TOPICAL TREATMENT OF CUTANEOUS LEISHMANIASIS  
*Camila Alves Bandeira Falcão (Universidade Federal do Rio de Janeiro Brazil)*
- QT62 - EFFICACY OF MILTEFOSINE IN THE TREATMENT OF MURINE MODEL OF CUTANEOUS LEISHMANIASIS BY LEISHMANIA AMAZONENSIS  
*Joseane Lima Prado Godinho (Universidade Federal do Rio de Janeiro Brazil)*
- QT73 - ANTIMALARIAL ACTIVITY OF BIOPRODUCTS FROM Aspidosperma sp PLANTS TESTED IN BLOOD CULTURES OF Plasmodium falciparum  
*Isabela Oliveira de Freitas (Centro de Pesquisas René Rachou Brazil)*

**09h00 - 11h00 - Expo Center IV - Room D – OP.08 - ORAL PRESENTATIONS****Vector****Chair:** Adriana Coelho Soares and Luiz Claudio Miletti

- VE02 - IN VIVO ANALYSIS OF TRYPANOSOMA CRUZI AND TRYPANOSOMA RANGELI DISTRIBUTION OVER TIME IN THE MIDGUT OF RHODNIUS PROLIXUS  
*Alessandra Aparecida Guarneri (Centro de Pesquisas René Rachou Brazil)*
- VE06 - THE INFECTION BY TRYPANOSOMA RANGELI CHANGES THE SHELTER USE BEHAVIOUR OF RHODNIUS PROLIXUS  
*Newmar Pinto Marlière (Centro de Pesquisas René Rachou Brazil)*
- VE07 - TRIATOMA INFESTANS SALIVA AS AN ENHANCER OF T. CRUZI INFECTION.  
*Michele Souza Lima (Universidade Federla do Rio de Janeiro Brazil)*
- VE14 - INSIGHT INTO THE SALIVARY TRANSCRIPTOME AND PROTEOME OF DIPETALOGASTER MAXIMA  
*Jaime Martins de Santana (Universidade de Brasília Brazil)*
- VE17 - CASPAR AND TGF-BETA ARE POTENTIALLY INVOLVED IN LUTZOMYIA LONGIPALPIS-PATHOGEN INTERACTION  
*Erich Loza Telleria (Instituto Oswaldo Cruz - Fiocruz Brazil)*

**11h00 - 11h25 - Foyer - COFFEE BREAK****11h30 - 12h00 - Expo Center II - Room A – MC.05 - MINI-CONFERENCE****ON CYTOADHESION OF PLASMODIUM VIVAX-INFECTED ERYTHROCYTES***Fabio Trindade Maranhão Costa (UNICAMP, Instituto de Biologia Brasil)***Chair:** Gerhard Wunderlich (ICB-USP Brasil)**11h30 - 12h00 - Expo Center IV - Room B – MC.06 - MINI-CONFERENCE****FROM PROLINE TO GLUTAMATE: SEVERAL ROLES FOR A BIOCHEMICAL PATHWAY***Ariel Mariano Silber (USP, Instituto de Ciências Biomédicas Brasil)***Chair:** Maria Julia Manso Alves (IQ-USP Brasil)

**October 27, 2010**

- 12h00 - 12h30 - Expo Center II - Room A – MC.07 - MINI-CONFERENCE**  
**ADPTATIVE STRATEGIES IN THE INTERACTION LEISHMANIA WITH THE MACROPHAGE: MODULATION OF THE NF-KB ACTIVATION AND PKR-SIGNALING**  
*Ulisses Gazos Lopes (Instituto de Biofisica Carlos Chagas Filho - UFRJ Brasil)*  
**Chair:** Gerhard Wunderlich (ICB-USP Brasil)
- 12h00 - 12h30 - Expo Center IV - Room B – MC.08 - MINI-CONFERENCE**  
**STRESS-INDUCED ACTIVATION OF THE L. MAJOR MAP KINASE LMAMPK7 INCREASES PARASITE RESISTANCE AGAINST THE LEISHMANICIDAL DRUG MILTEFOSINE**  
*Gerald Spaeth (Institut Pasteur France)*  
**Chair:** Maria Julia Manso Alves (IQ-USP Brasil)
- 14h30 - 16h00 - Expo Center II - Room A – RT.05 - ROUND TABLE**  
**ACTIVATION OF INNATE IMMUNITY AND EVASION STRATEGIES BY PROTOZOAN PARASITES**  
**Chair:** Tiago Wilson Patriarca Mineo (UFMG Brasil)
- INNATE IMMUNE RESPONSES TO *Neospora caninum***  
*Tiago Wilson Patriarca Mineo (UFMG Brasil)*
- TOXOPLASMA CYCLING INTO THE HOST CELL**  
*Vernon B. Carruthers (University of Michigan Medical School USA)*
- RECOGNITION OF INTRACELLULAR PARASITE INFECTION BY NOD-LIKE RECEPTORS**  
*Dario S. Zamboni (FMRP-USP Brasil)*
- 14h30 - 16h00 - Expo Center IV - Room B – RT.06 - ROUND TABLE**  
**THE TELOMERES OF TRYPANOSOMATIDS**  
**Chair:** Luiz Ricardo Orsini Tosi (FMRP-USP Brasil)
- TELOMERE DYNAMICS AND ANTIGENIC VARIATION IN TRYPANOSOMA BRUCEI**  
*George A. M. Cross (The Rockefeller University USA)*
- UNVEILING PROTEIN:PROTEIN INTERACTIONS AT *LEISHMANIA* SPP. TELOMERES**  
*Maria Isabel Nogueira Cano (IBB, UNESP-Botucatu Brasil)*
- DNA REPAIR AND TELOMERE EXPRESSION IN *LEISHMANIA MAJOR*.**  
*Luiz Ricardo Orsini Tosi (FMRP-USP Brasil)*
- 14h30 - 16h00 - Expo Center IV - Room C – RT.07 - ROUND TABLE**  
**HOST-PARSAITE INTERACTIONS AT THE SUBCELLULAR LEVEL**  
**Chair:** Renato Mortara (UNIFESP Brasil)
- MULTIDIMENSIONAL IMAGING OF MACROPHAGES DOUBLY INFECTED BY *LEISHMANIA AMAZONENSIS* AND *LEISHMANIA MAJOR***  
*Fernando Roberto Oliveira Real, (UNIFESP Brazil)*
- HOST CELL MEMBRANE-LYSOSOMES INTERPLAY DURING *TRYPANOSOMA CRUZI* INVASION**  
*Luciana de Oliveira Andrade (UFMG Brazil)*
- Toxoplasma gondii* INTERACTION VARIES ACCORDING TO HOST CELL MICRODOMAINS**  
*Marcia Attias (IBCCF-UFRJ Brazil)*



**October 27, 2010**

**14h30 - 16h00 - Expo Center IV - Room D – RT.08 - ROUND TABLE  
DIFFERENT APPROACHES USED IN THE SEARCH FOR A MORE SPECIFIC  
CHAGAS DISEASE THERAPY**

**Chair:** Fernanda Ramos Gadelha (IB-Unicamp Brazil)

***Trypanosoma rangeli*: A BANE OR A BLESSING FOR CHAGAS DISEASE?**  
*Edmundo Carlos Grisard (UFSC Brazil)*

**ANALYSIS OF PARASITE METABOLISM IN VIVO USING METABOLOMIC  
APPROACHES**

*Malcolm McConville (University of Melbourne Australia)*

**UNDERSTANDING TRYPANOSOMATIDS ANTIOXIDANT MECHANISMS:  
HOW FAR ARE WE?**

*Fernanda Ramos Gadelha (IB-Unicamp Brazil)*

**16h00 - 16h25 - Foyer - COFFEE BREAK**

**16h30 - 17h10 - Expo Center II - Room A – CO.03 – CONFERENCE**

**RNA-BINDING PROTEINS AND EXORIBONUCLEASES INVOLVED IN MRNA  
DEGRADATION IN *TRYPANOSOMA BRUCEI***

*Christine Clayton (University of Heidelberg Germany)*

**Chair:** Bruno Dallagiovanna Muñiz (ICC - FIOCRUZ Brasil)

**17h10 - 17h50 - Expo Center II - Room A – CO.04 – CONFERENCE**

**TOXOPLASMA PERFORIN-LIKE PROTEIN 1 DICTATES PARASITE EGRESS  
AND ACUTE VIRULENCE**

*Vernon B. Carruthers (University of Michigan School of Medicine USA)*

**Chair:** Clara Lúcia Barbiéri Mestriner (UNIFESP Brasil)

**18h00 - 19h30 - BS - BRAINSTORM**

The programming will be published in the POSTER session

**20h30 – 21h30 - Expo Center II - Room A - CC - CLOSURE CONFERENCE**

**TALES OF EVOLUTIONARY DIVERSITY: HOW BLOOD-SUCKING INSECTS  
LEARNED TO USE OUR BLOOD**

*Pedro Lagerblad de Oliveira (Universidade Federal do Rio de Janeiro Brasil)*

**Chair:** Hatisaburo Masuda (UFRJ - IBqM Brasil)

**21h30 - 22h30 - Expo Center II - Room A - ZB - ZIGMAN BRENER AWARDS**

Closure remarks and Announcement of the Zigman Brener Awards Best Posters