

# Wednesday, September 23 - JOURNÉE FRANCE INVITÉE SPECIALE

02:00 PM - 03:30 PM			
A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	A4 - ZÉLIA GATTAI
<p><b>RT-1 NEW ADVANCES IN IMMUNITY TO INFECTIOUS DISEASES</b> Chair: Mitermayer Galvão dos Reis (BRAZIL)</p> <p><b>FABIO COSTA (BRAZIL)</b> Evaluation of Plasmodium vivax adhesive capacities.</p> <p><b>ALAIN DESSEIN (FRANCE)</b> Immunogenetic factors underlying human susceptibility to Visceral and Cutaneous Leishmaniasis.</p> <p><b>VALERIE QUIESNAUX (FRANCE)</b> Innate responses in tuberculosis: Toll-like receptors and beyond.</p>	<p><b>RT-2 IMMUNITY TO TUMOURS</b> Chair: Cristina Bonorino (BRAZIL)</p> <p><b>ADRIANA BONOMO (BRAZIL)</b> The role of g-IFN on Graft Versus Host and Graft Versus Leukemia effect.</p> <p><b>FATHIA CHOUJAB (FRANCE)</b> Cytotoxic T lymphocyte response in human lung carcinoma.</p> <p><b>HERVE FRIDMAN (FRANCE)</b> Shaping an efficient, clinically relevant, in situ immune reaction in cancer.</p>	<p><b>RT-3 FRONTIERS OF NEUROIMMUNOMODULATION</b> Chair: Moises Bauer (BRAZIL)</p> <p><b>JOÃO PALERMO NETO (BRAZIL)</b> Implications of cohabitation with a tumor-bearer cage mate on behavior and immunity.</p> <p><b>WILSON SAVINO ( BRAZIL )</b> Intrathymic T cell migration is under a complex neuroendocrine control.</p> <p><b>MIRELLE DARDENNE (FRANCE)</b> Role of growth hormone on thymic development.</p>	<p><b>RT-4 IMMUNOBIOLOGY OF TOLERANCE AND TRANSPLANTATION</b> Chair: Anna Carla Goldberg (BRAZIL)</p> <p><b>VERÔNICA COELHO (BRAZIL)</b> Learning from Operational Tolerance in Human Transplantation</p> <p><b>JEAN-LOUIS TOURAINE (FRANCE)</b> Transplantation of mismatched human stem cells: differentiation into immunocompetent T cells</p> <p><b>MARIA CLAUDIA RODRIGUES MOREIRA (BRAZIL)</b> Chronic graft host disease: a clinical perspective</p>
03:30 PM - 05:00 PM			
A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	A4 - ZÉLIA GATTAI
<p><b>RT-5 LYMPHOID CELL SUBSETS</b> Chair: Momtchillo Russo (BRAZIL)</p> <p><b>VALERIE VERHASSELT (FRANCE)</b> Neonatal tolerance under breastfeeding influence</p> <p><b>DANIEL MUCIDA (USA)</b> A new pathway of immunoregulation: CD4CD8<math>\alpha\alpha</math> double positive T cells</p> <p><b>GUY GOROCHOV (FRANCE)</b> Longitudinal analysis of the human regulatory T cell repertoire</p>	<p><b>RT-6 DIFFERENT ASPECTS OF IMMUNITY TO HIV</b> Chair: Edécio Cunha Neto (BRAZIL)</p> <p><b>EDÉCIO CUNHA NETO (BRAZIL)</b> Gene expression profile in PBMC from Long-term nonprogressor HIV-1-infected patients: in search of potential resistance factors</p> <p><b>ESPER KALLAS (BRAZIL )</b> Lessons from spontaneous HIV controllers</p> <p><b>RAFICK PIERRE SÉKALY (FRANCE)</b> Clues into the HIV specific memory T and B cells from systems biology</p>	<p><b>RT-7 USE OF IMMUNOMODULATORS FOR THERAPY OF INFECTION AND ALLERGIC DISEASES</b> Chair: Raymundo Paraná (BRAZIL)</p> <p><b>PAULO MACHADO (BRAZIL)</b> Pentoxifylline in the treatment of tegumentary leishmaniasis</p> <p><b>KATHLEEN BARNES (USA)</b> IgE in the susceptibility to asthma and helminth infections</p> <p><b>JOÃO RENATO PINHO (BRAZIL)</b> Advances in the treatment of hepatitis C virus with interferon alfa and antivirals</p>	<p><b>RT-8 CLINICAL AND THERAPEUTICAL ASPECTS OF AUTOIMMUNITY</b> Chair: Fabiola Cardillo (BRAZIL)</p> <p><b>LUIZ VICENTE RIZZO (BRAZIL)</b> Autoimmunity in Immunodeficient Patients: Paradox or Paradigm?</p> <p><b>ROLAND LIBLAU (FRANCE)</b> Autoimmunity in the nervous system: insight from animal models</p> <p><b>ARI STIEL RADU HALPERN (BRAZIL)</b> Biological therapy in autoimmune diseases</p>
05:00 PM - 05:30 PM			
COFFEE BREAK			

06:30 PM - 07:30 PM
FERNANDO PESSOA
<b>C1 OPENING CONFERENCE</b>
Chair: Claude Pirmez
CATHERINE SAUTES-FRIDMAN (FRANCE)
STRATEGIES FOR TUMOR PROGRESSION AND IMMUNE ESCAPE IN HUMAN CANCERS

08:30 PM
WELCOME PARTY

## Thursday, September 24

08:00AM - 09:00 AM			
Courses			
<b>A1- FERNANDO PESSOA</b>	<b>A2- FERNANDO PESSOA</b>	<b>A3 - GREGÓRIO DE MATOS</b>	
<p>IMMUNIZATION UPDATE</p> <p>Chair: Jacy Andrade (BRAZIL)</p> <p><b>JACY ANDRADE(BRAZIL)</b>            General principles in vaccination: Broad concepts, Antigenes and Specific responses</p>	<p>ELECTROPHYSIOLOGY FOR IMMUNOLOGISTS: SEEING ION CHANNELS THROUGH CURRENT MEASUREMENTS. AN INTRODUCTION TO MEMBRANE</p> <p>Chair: Pedro Persechini (BRAZIL)</p> <p><b>CRISTIANE CORSSO (BRAZIL)</b>            - Basic concepts            - The role of ion channels in electrical and chemical excitability</p>	<p>GENETIC CONTROL AND CLINICAL EXPRESSION OF DISEASE</p> <p>Chair: Maria Luiza S.Atta (BRAZIL)</p> <p><b>JOICE PEDREIRA (BRAZIL)</b>            Polymorphism of <i>Streptococcus pneumoniae</i> and clinical manifestation of the disease</p> <p><b>ALBERT SCHRIEFER (BRAZIL)</b>            Polymorphism of <i>Leishmania braziliensis</i> and clinical expression of tegumentary leishmaniasis</p>	

9:00 AM - 10:30 AM			
A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	A4 - ZÉLIA GATTAI
<p><b>RT-9 INNATE IMMUNITY TO INFECTIOUS DISEASES</b>  <b>Chair: Sérgio Oliveira (BRAZIL)</b></p> <p><b>DARIO ZAMBONI (BRAZIL)</b>  Recognition of intracellular pathogens by Nod-like receptors</p> <p><b>GUILHERMO GIAMBARTOLOMEI (ARGENTINA)</b>  Brucella abortus Induces the Secretion of Pro-inflammatory Mediators From innate immune cells of the SNC Leading to Both Astrocyte Apoptosis and Proliferation</p> <p><b>DOUGLAS GOLENBOCK (USA)</b>  Plasmodial DNA generates an innate immune response: TLRs and beyond</p>	<p><b>RT-10 BIOPHYSICS OF CELLS OF THE IMMUNE SYSTEM: 36 YEARS IMMUNOBIOPHYSICS AT THE INSTITUTO DE BIOFÍSICA CARLOS CHAGAS FILHO</b>  <b>Chair: Gilberto M. de Oliveira-Castro (BRAZIL)</b></p> <p><b>MARCELO BARCINSKI (BRAZIL)</b>  Origins of the study of Gap-Junctions in cells of the immune system</p> <p><b>LUIZ ANASTACIO ALVES (BRAZIL)</b>  New forms of intercellular communications in the Immune System: Experimental evidences</p> <p><b>PEDRO PERSECHINI (BRAZIL)</b>  Transport mechanism induced by P2 receptors in macrophages and possible implications for the Immune System</p> <p><b>ELIANA SCEMES (USA)</b>  PX27 and Pannexin1 partnership in Nervous and in the Immune System</p>	<p><b>RT-11 PATHOGENESIS AND TREATMENT OF RHEUMATIC DISEASES</b>  <b>Chair: Albino Novaes (BRAZIL)</b></p> <p><b>ROQUE ALMEIDA (BRAZIL)</b>  The role of TNF-<math>\alpha</math> in protection and diseases</p> <p><b>MITERMAYER SANTIAGO (BRAZIL)</b>  Jaccoud's arthropathy: auto antibodies and joint involvement</p> <p><b>MORTON AARON SCHEINBERG (BRAZIL)</b>  Treatment of Rheumatoid Arthritis with anti CD20 first and second generation</p> <p><b>IEDA LAURINDO (BRAZIL)</b>  Treatment of rheumatoid arthritis with anti-TNF-<math>\alpha</math></p>	<p><b>RT-12 WORKSHOP: INTERNATIONAL COLLABORATION IN IMMUNOLOGY.FRANCE AND BRAZIL AS AN EXAMPLE</b></p> <p><b>MANOEL BARRAL-NETTO (BRAZIL)</b></p> <p><b>JORGE KALIL (BRAZIL)</b></p> <p><b>ARMAND BENSUSSAN (FRANCE)</b></p> <p><b>CATHERINE FRIDMAN (FRANCE)</b></p> <p><b>ANTOINE TOUBERT(FRANCE)</b></p>

10:30 AM - 11:00 AM			
COFFEE BREAK			

11:00 AM - 12:00 PM			
A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	
<p><b>C2 CONFERENCE</b>  <b>Chair: André Bafica (BRAZIL)</b></p> <p><b>FRANKLIN ALAN SHER (USA)</b>  Th1/Th2 Polarizing Functions of Dendritic Cells in Parasitic Infection</p>	<p><b>C3 CONFERENCE</b>  <b>Chair: Euzenir Sarno (BRAZIL)</b></p> <p><b>ROBERT MODLIN (USA)</b>  Role of vitamin D-dependent antimicrobial activity in human macrophages</p>	<p><b>C4 CONFERENCE</b>  <b>Chair: Marcelo Brigido(BRAZIL)</b></p> <p><b>MARGARITA SALCEDO (FRANCE)</b>  Impact of glycosylation on the therapeutic index of monoclonal antibodies: the example of anti-D and anti-CD20</p>	

12:00 PM - 02:00 PM

POSTERS WITH LUNCH

02:00 PM - 03:30 PM

A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	
<p><b>RT-13 TOXINS AND IMMUNITY</b> Chair: Osvaldo Augusto Sant'anna (BRAZIL)</p> <p><b>CARLOS CHAVEZ OLORTEGUI (BRAZIL)</b> Characterization of linear and conformational epitopes in aracnidic toxins</p> <p><b>JONAS PERALES (BRAZIL)</b> Natural Inhibitors of snake venoms as possible members of the innate immune system</p> <p><b>YARA CURY (BRAZIL)</b> Crotoxin as a model for the understanding of leukocyte activity.</p>	<p><b>RT-14 MECHANISM OF INFLAMMATION IN CHRONIC INFLAMMATORY DISEASE</b> Chair: Maria Bellio (BRAZIL)</p> <p><b>ARI WAISMAN (GERMANY)</b> The role of Th17 and IL-17 in autoimmunity</p> <p><b>BERNARD RYFFEL (FRANCE)</b> Sensing inflammation and triggering the inflammasome in chronic pulmonary inflammation.</p> <p><b>MAURO TEIXEIRA (BRAZIL)</b> Mechanisms of inflammasome activation in a murine model of gout.</p>	<p><b>RT-15 IMMUNITY AND INFECTION</b> Chair: Cristiana Nascimento (BRAZIL)</p> <p><b>GIOVANINI COELHO (BRAZIL)</b> Epidemiologic aspects of dengue in Brazil</p> <p><b>CLAIRE KUBELKA (BRAZIL)</b> Immunopathogenesis of dengue</p> <p><b>BERNARDO GALVÃO CASTRO (BRAZIL)</b> Viral polymorphism and epidemiology of HTLV-1 infection</p> <p><b>RODRIGO CORREA OLIVEIRA (BRAZIL)</b> Immunopathogenesis of schistosomiasis</p>	

03:30 PM- 04:15 PM

A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	
<p><b>C5 CONFERENCE</b> Chair: Camila Indiani de Oliveira (BRAZIL)</p> <p><b>SILVIA BEATRIZ BOSCARDIN (BRAZIL)</b> The secrets to be a successful scientist: Postdoctoral Experience</p>	<p><b>C6 CONFERENCE</b> Chair: Carlos Alberto Tavares (BRAZIL)</p> <p><b>VERA CALICH (BRAZIL)</b> How an efficient innate immunity leads to a severe pulmonary fungal infection</p>	<p><b>C7 CONFERENCE</b> Chair: Maria Olívia Bacellar (BRAZIL)</p> <p><b>LUCAS CARVALHO (USA)</b> <i>Leishmania</i> -induced disruption of Notch signaling: implication in dendritic cell activation</p> <p><b>C8 CONFERENCE</b> Chair: Washington Conrado dos Santos (BRAZIL)</p> <p><b>KENNETH GOLLOB (BRAZIL)</b> T cell repertoire and immunoregulatory networks in human leishmaniasis</p>	

04:15 PM- 05:00 PM			
A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	
<p><b>C9 CONFERENCE</b> Chair: Rosane Guerra (BRAZIL)</p> <p><b>YASMINE BELKAID (USA)</b> Control of Induction and function of regulatory T cells by microbes</p>	<p><b>C10 CONFERENCE</b> Chair: Lucia Helena Faccioli (BRAZIL)</p> <p><b>JEAN PIETERS (SWITZERLAND)</b> Mycobacterium tuberculosis, macrophages and T cells: competing to survive</p>	<p><b>C11 CONFERENCE</b> Chair: Neuza Neves (BRAZIL)</p> <p><b>SARA PASSOS (USA)</b> IL-6 promotes NK cell production of IL-17 during <i>T. gondii</i> infection</p> <p><b>C12 CONFERENCE</b> Chair: Jamarly Oliveira (BRAZIL)</p> <p><b>WALDEREZ DUTRA (BRAZIL)</b> 100 years of Chagas disease: what we have learned about immunoregulation in human Disease</p>	

05:00 PM – 05:30 PM
COFFEE BREAK

05:30 PM - 06:30 PM			
Gregório de Matos	Drummond de Andrade	Zélia Gattai I	
<p><b>EP-1 IMMUNOLOGY OF PARASITIC DISEASES (PI)</b> Chair: José Roberto Mineo</p>	<p><b>EP-2 CELLULAR IMMUNOLOGY (CI)</b> Chair: Theolis Barbosa</p>	<p><b>EP-3 IMMUNOREGULATION (IR)</b> Chair: Maria Bellio</p>	
<p><b>EP-4 VIRUS IMMUNOLOGY (VI) IMMUNOLOGY OF BACTERIAL DISEASES (BI)</b> Chair: Roberto Meyer</p>	<p><b>EP-5 TRANSPLANTATION, IMMUNOGENETICS (TI) AND TUMOR IMMUNOLOGY (TUI)</b> Chair: Marilda Gonçalves</p>	<p><b>EP-6 CHEMOKINES, MOLECULAR IMMUNITY (CMI) AND HUMORAL IMMUNOLOGY (HI)</b> Chair: Alberto Nóbrega</p>	

06:30 PM - 07:30 PM
GENERAL ASSEMBLY OF BRAZILIAN SOCIETY OF IMMUNOLOGY
Room: Fernando Pessoa

# Friday, September, 25

Courses			
08:00 AM - 09:00 AM			
A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	
<p>IMMUNIZATION UPDATE</p> <p><b>Chair:</b> Jacy Andrade (BRAZIL)</p> <p><b>MARTA HELOISA LOPES(BRAZIL)</b> The immunization approach in different clinical settings.</p>	<p>AN INTRODUCTION TO MEMBRANE ELECTROPHYSIOLOGY FOR IMMUNOLOGISTS: MOLECULAR PROPERTIES OF ION CHANNELS</p> <p><b>Chair:</b> Pedro Persechini (BRAZIL)</p> <p><b>CRISTIANE CORSSO (BRAZIL)</b> -Voltage gated ion channels -Ligand gated ion channels</p>	<p>GENETIC CONTROL AND CLINICAL EXPRESSION OF DISEASE.</p> <p><b>Chair:</b> Léa Cristina de Carvalho Castellucci (BRAZIL)</p> <p><b>AMÉLIA RIBEIRO DE JESUS (BRAZIL)</b> Immunogenetic of tegumentary leishmaniasis</p> <p><b>SELMA JERÔNIMO (BRAZIL)</b> Immunogenetic of visceral leishmaniasis</p>	

9:00 AM - 10:30 AM			
A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	
<p><b>RT- 16 CELLULAR IMMUNITY TO TUMORS</b> <b>Chair:</b> João Viola (BRAZIL)</p> <p><b>ALEXANDRE BARBUTO (BRAZIL)</b> Dendritic cells: from pathophysiology to immunotherapy</p> <p><b>CRISTINA BONORINO (BRAZIL)</b> Dynamics of MHC class II tumor antigen presentation is critical for effector anti-tumor CD4+T cell generation and tumor rejection</p> <p><b>ARMAND BENSUSSAN (FRANCE)</b> Structure and Function of NK receptors expressed by malignant Sézary Syndrome CD4+ lymphocytes</p>	<p><b>RT- 17 POTENTIAL CANDIDATE ANTIGENS FOR VACCINES TO INFECTIOUS DISEASE</b> <b>Chair:</b> Dumith Chequer (BRAZIL)</p> <p><b>MANUEL SOTO (ESPANHA)</b> Antigenicity and immunogenicity of Leishmania intracellular conserved protein families</p> <p><b>PAULO LEE HO (BRAZIL)</b> How can we identify potential antigens for vaccine/diagnosis of pathogenic Leptospira at genomic level as well as to contribute in the characterization of their biological roles?</p> <p><b>DAVID WATKINS (USA)</b> HIV vaccines</p>	<p><b>RT -18 PRIMARY IMMUNODEFICIENCES</b> <b>Chair:</b> Gabriela Castro (BRAZIL)</p> <p><b>ANETE GRUMACH (BRAZIL)</b> Diagnosis of primary immunodeficiency</p> <p><b>MAGDA CARNEIRO SAMPAIO (BRAZIL)</b> Auto-immune diseases in patients with primary immunodeficiency</p> <p><b>RÉGIS CAMPOS (BRAZIL)</b> Clinical manifestations of hereditary angioedema</p> <p><b>ANTONIO CONDINO NETO (BRAZIL)</b> Defect of IFN-<math>\gamma</math> / IL-12 axis and its consequences on the NADPH oxidase system</p>	

10:30 AM - 11:00 AM

COFFEE BREAK

11:00 AM - 12:00 PM

A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	
<p><b>C14 CONFERENCE</b> Chair: Camila Indiani de Oliveira (BRAZIL)</p> <p><b>MIGUEL SOARES (PORTUGAL)</b> Immunoregulatory Effects of HO-1: How does it work?</p>	<p><b>C15 CONFERENCE</b> Chair: Marcelo Bozza (BRAZIL)</p> <p><b>RUSLAN MEDZHITOV (USA)</b> Regulation of the inflammatory response</p>	<p><b>C16 CONFERENCE</b> Chair: Paulo Machado (BRAZIL)</p> <p><b>MARCELO MIRA (BRAZIL)</b> Genetic Control of Leprosy</p>	

12:00 PM- 02:00 PM

POSTERS WITH LUNCH

02:00 PM - 03:30 PM

A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	
<p><b>RT-19 ANIMAL MODELS: WHAT DID WE LEARN WITH THEM?</b> Chair: Ana Maria C. Faria (BRAZIL)</p> <p><b>DONNA- MARIE McCAFFERTY (CAN)</b> "Inflammation to Cancer- a surprising role for nitric oxide in vivo"</p> <p><b>DENISE CARMONA (BRAZIL)</b> Murine models for food allergy"</p> <p><b>MOMTCHILLO RUSSO (BRAZIL)</b> Experimental Asthma: lessons from animal models</p>	<p><b>RT- 20 CROSS TALK BETWEEN INNATE AND ADAPTIVE IMMUNITY</b> Chair: Andre Bafica (BRAZIL)</p> <p><b>JOÃO GUSTAVO AMARANTE-MENDES (BRAZIL)</b> Modulation of Death Receptor Ligands in CD4 T cells by Toll-like Receptor agonists</p> <p><b>FABIANA MACHADO (BRAZIL)</b> Green and red signal lights for dendritic cells during <i>Toxoplasma gondii</i> infection: the role of CCR5/C5aR heterodimerization and lipoxin</p> <p><b>JOÃO VIOLA(BRAZIL)</b> NFAT1 transcription factor in dendritic cells is required for Th lymphocyte differentiation.</p>	<p>Chair: Ajáx Atta (BRAZIL) José Seba (BRAZIL)</p> <p><b>01:15 PM HONOR TO MANOEL MEDEIROS (IN MEMORIUM)</b></p> <p><b>RT-21 IMMUNOPATHOGENESIS AND CONTROL OF TUBERCULOSIS</b> Chair: Songeli Menezes Freire (BRAZIL)</p> <p><b>DRAURIO BARREIRA (BRAZIL)</b> Policies of tuberculosis control in Brazil</p> <p><b>LIS ANTONELLI (BRAZIL)</b> The role of Type I Interferon in the pathogenesis of tuberculosis</p> <p><b>JOSÉ ROBERTO LAPA (BRAZIL)</b> Immunological markers of cure and treatment failure in pulmonary tuberculosis</p>	

03:30 PM - 04:15 PM			
A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	
<p><b>C17 CONFERENCE</b> Chair: Claudia Ida Brodskyn (BRAZIL)</p> <p><b>SHADEN KAMHAWI (USA)</b> The Future of Sand fly Salivary Molecules in Anti-Leishmania Vaccines</p>	<p><b>C18 CONFERENCE</b> Chair: Valéria Borges (BRAZIL)</p> <p><b>PATRÍCIA BOZZA (BRAZIL)</b> Lipid droplets in host-pathogen interactions: dynamic organelles involved in lipid metabolism, inflammation and pathogenesis.</p>	<p><b>C19 CONFERENCE</b> Chair: Cristiane Brito (BRAZIL)</p> <p><b>NELSON ROSÁRIO (BRAZIL)</b> Atopy or non-atopy that is the question in asthma?</p> <p><b>C20 CONFERENCE</b> Chair: Vítório Marchesine (BRAZIL)</p> <p><b>ERNESTO TAKETOMI (BRAZIL)</b> Developments in allergen specific immunotherapy – future directions</p>	

04:15 PM - 05:00 PM			
A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	
<p><b>C21 CONFERENCE</b> Chair: Luiza Guilherme (BRAZIL)</p> <p><b>ANTOINE TOUBERT (FRANCE)</b> NKG2D and ligands: friend or foe?</p>	<p><b>C22 CONFERENCE</b> Chair: Cerli Gatass (BRAZIL)</p> <p><b>ELVIRA SARAIVA (BRAZIL)</b> Etosis: A conserved antimicrobial mechanism</p>	<p><b>C23 CONFERENCE</b> Chair: Adelmir Machado (BRAZIL)</p> <p><b>ÁLVARO CRUZ (BRAZIL)</b> The role of anti-IgE in the treatment of asthma</p> <p><b>C24 CONFERENCE</b> Chair: Fernanda Grassi (BRAZIL)</p> <p><b>LEE RILEY (USA)</b> System biology-based approach to understanding immunological response to <i>Mycobacterium tuberculosis</i> infection</p>	



<b>05:00 PM - 05:30 PM</b>			
COFFEE BREAK			
<b>05:30 PM - 06:30 PM</b>			
Gregório de Matos	Drummond de Andrade	Zélia Gattai I	Zélia Gattai II
<b>EP-7 IMMUNOLOGY OF PARASITIC DISEASES (PI)</b>  Chair: Cláudio Salgado	<b>EP-8 CELLULAR IMMUNOLOGY (CI)</b>  Chair: Cecília Beatriz Favali	<b>EP-9 IMMUNOREGULATION (IR)</b>  Chair: Adriana Bonomo	<b>EP-10 IMMUNOPHAMACOLOGY (IP)</b>  Chair: Flavia Nascimento
Graciliano Ramos	Castro Alves	Guimarães Rosa	
<b>EP-11 INNATE IMMUNITY (IN)</b>  Chair: Marcelo Bozza	<b>EP-12 ALLERGY AND CLINICAL IMMUNOLOGY (ACI)</b>  Chair: Maria Ilma Araujo	<b>EP-13 VACCINES (VC)</b>  Chair: Camila Indiani de Oliveira	
<b>06:30 PM - 07:30 PM</b>			
<b>C25 CONFERENCE</b>			
Chair: Manoel Barral-Netto			
<b>GEORGE A. DOS REIS</b>			
Phagocytosis of apoptotic neutrophils induces a regulatory phenotype in macrophages			

# Saturday, September, 26

08:00 AM - 09:00 AM

Courses

A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	
<p>IMMUNIZATION UPDATE</p> <p><b>Chair:</b> Jacy Andrade (BRAZIL)</p> <p><b>JACY ANDRADE(BRAZIL)</b>  <b>MARTA HELOISA LOPES(BRAZIL)</b>  <b>ESPER KALLAS (BRAZIL )</b></p> <p>Discussion of Clinical cases</p>	<p>AN INTRODUCTION TO MEMBRANE ELECTROPHYSIOLOGY FOR IMMUNOLOGISTS: ION CHANNELS IN THE IMMUNE SYSTEM.</p> <p><b>Chair:</b> Pedro Persechini (BRAZIL)</p> <p><b>CRISTIANE CORSO (BRAZIL)</b>            -Calcium movement in immune cells            -Physiopathological role of ion channels in the immune system.</p>	<p>GENETIC CONTROL AND CLINICAL EXPRESSION OF DISEASE</p> <p><b>Chair:</b> Sérgio Arruda (BRAZIL)</p> <p><b>LUIZ LAZZARINI (BRAZIL)</b>            Polymorphism of <i>M. tuberculosis</i> and clinical expression of disease</p> <p><b>RAJENDRANATH RAMASAWMY (BRAZIL)</b>            Genetic of rheumatic fever</p>	

9:00 AM - 10:30 AM

A1- FERNANDO PESSOA	A2- FERNANDO PESSOA	A3 - GREGÓRIO DE MATOS	
<p><b>RT- 22 IMMUNITY AGAINST PARASITES.</b>  <b>Chair:</b> Carlos Henrique Costa (BRAZIL)</p> <p><b>MANOEL BARRAL-NETTO (BRAZIL)</b>            Immunological determinants of disease severity in human malaria</p> <p><b>PHILLIP SCOTT (USA)</b>            Concomitant Immunity in leishmaniasis</p> <p><b>THOMAS B. NUTMAN (USA)</b>            Suppression of malaria by human filarial infection.</p>	<p><b>RT- 23 MODULATORY MEDIATORS IN THE EARLY INFLAMMATORY RESPONSE</b>  <b>Chair:</b> Maria Bellio (BRAZIL)</p> <p><b>FERNANDO CUNHA(BRAZIL)</b>            Neutrophil migration and sepsis outcome: The role of CXC and CC chemokines and Toll-like receptors</p> <p><b>CLAUDIO CANETTI (BRAZIL)</b>            Role of 5-LO products on heme-induced neutrophil migration</p> <p><b>CORY HAGOBOAM (USA)</b>            The role of CCR7 in regulating inflammatory and immune mechanisms required for the elimination of <i>Aspergillus fumigates</i> from the respiratory system.</p>	<p><b>RT- 24 IMMUNOPATHOLOGY OF SEVERE ASTHMA</b>  <b>Chair:</b> João Machado (BRAZIL)</p> <p><b>JOSÉ ÂNGELO RIZZO (BRAZIL)</b>            Uncontrolled asthma due to resistance to corticosteroids</p> <p><b>ALBERTO CUCKIER (BRAZIL)</b>            Severe asthma with neutrophilic inflammation</p> <p><b>SÍLVIA M. SIMÕES (BRAZIL)</b>            Hystopathology of severe asma</p>	

10:30 AM - 11:00 AM

COFFEE BREAK

11:00 AM - 12:00 PM

**CLOSURE CONFERENCE 26**

Chair: Edgar Carvalho

**JOÃO SANTANA DA SILVA (BRAZIL)**

Th17 vs Treg cells: Impact and role in parasite-vector disease

12:00 PM - 01:00 PM

CLOSURE AND AWARDS