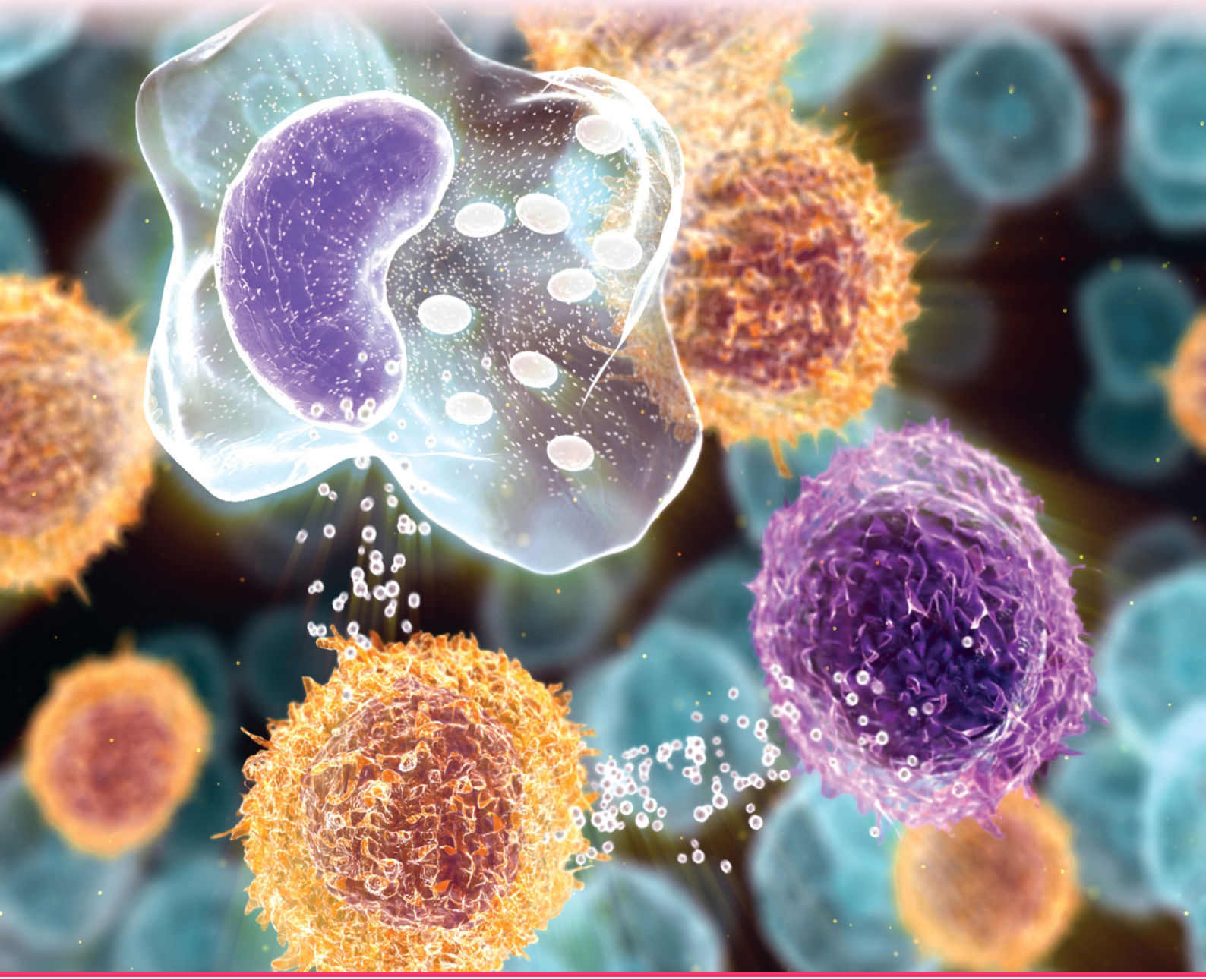
Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

3rd International Conference and Exhibition on

Clinical & Cellular Immunology

September 29-October 01, 2014 DoubleTree by Hilton Baltimore-BWI Airport, USA



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Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to *symposia@omicsonline.org*

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Email: *immunologysummit2014@omicsgroup.com*

Day 1 September 29, 2014

08:00-08:30 **Registrations**

Harbor Room

08:30-08:55

Opening Ceremony

Keynote Forum

09:00-09:25 **Charles J Malemud**
Case Western Reserve University School of Medicine, USA

09:25-09:50 **Michael G Hanna**
Vaccinogen Inc., USA

09:50-10:15 **Howard A Young**
National Cancer Institute-Frederick, USA

10:15-10:40 **Yongqun Oliver He**
University of Michigan Medical School, USA

Group Photo

Coffee Break 10:40-10:55 @ Foyer

Track 3: Inflammatory/Autoimmune Diseases
Track 4: Cancer and Tumor Immunobiology

Session Chair: Michael G Hanna, Vaccinogen Inc., USA
Session Chair: Anil Shanker, Meharry Medical College, USA

Session Introduction

10:55-11:15 **Aptamers for the detection of cytokines and their potential as cytokine inhibitors**
Howard A Young, National Cancer Institute-Frederick, USA

11:15-11:35 **Cross-talk between CD8+ T and NK cells: Fine-tuning of anti-tumor immune response**
Anil Shanker, Meharry Medical College, USA

11:35-11:55 **Differential gene expression in the thymus to establish low toxicity chemotherapeutic agents**
Philip J Lucas, National Institutes of Health, USA

11:55-12:15 **Mark cancer cells for CTL attack through coating with viral antigenic peptides CTLs kill tumor with viral peptides**
Chien-Fu Hung, Johns Hopkins University, USA

12:15-12:35 **Identification and characterization of agonist epitopes of MUC1-C oncoprotein**
Kwong Y Tsang, National Cancer Institute, USA

12:35-12:55 **Influence of honey in mice bearing Ehrlich carcinoma on immune status**
Ahmed G Hegazi, National Research Center, Egypt

12:55-13:15 **Disease-specific role for β-arrestin-1 in inflammatory disease pathogenesis**
Narayanan Parameswaran, Michigan State University, USA

Lunch Break 13:15-14:00 @ Eden's Landing Restaurent

14:00-14:20 **Discovery of a small molecule inhibitor of Burton's Tyrosine Kinase (BTK) for autoimmune diseases**
Loui Madakamutil, Takeda California, USA

14:20-14:40 **Potential roles of cancerous immunoglobulins in cancer immunology**
Gregory Lee, UBC Center for Reproductive Health, Canada

14:40-15:00 **Metalloproteinases and their inhibitors gene expression profiles in leukocytes of primary hypertension (PH), non-alcoholic fatty liver disease (NAFLD), and obese children**
Joanna Trojanek, The Children's Memorial Health Institute, Poland

15:00-15:20 **Comparison between C reactive protein and microalbuminuria levels for the prognosis of renovascular hypertension**
Paloma Manea, Grigore T. Popa University of Medicine and Pharmacy, Romania

15:20-15:40 **The role of mast cell proteases in tumor angiogenesis**
Maria Celia Jamur, University of Sao Paulo, Brazil

15:40-16:00 **Correlations between thrombotic and systemic non-thrombotic APS manifestations: Lesions from the Serbian National Registry**
Stojanovich Ljudmila, Bezhanijska Kosa University Medical Center, Serbia

Coffee Break 16:00-16:15 @ Foyer

16:15-16:35 **Anti-pPKCθ (T538) delivery *via* cell penetrating peptide mimics as a novel treatment of aplastic anemia**
Lisa M Minter, University of Massachusetts, USA

16:35-16:55 **Differential expression of SOCS1/SOCS3 ratios in virus-infected macrophage cell lines**
Nancy J Bigley, Wright State University, USA

16:55-17:15 **Transcriptional factor Snail and MMP-9 signaling axis controls tumor neovascularization, growth and metastasis in mouse model of human ovarian carcinoma**
Myron R Szewczuk, Queen's University, Canada

17:15-17:35 **Rapunzel syndrome in a 7-year-old Egyptian girl with primary biliary cirrhosis: A case report and literature review**
Abdel-Azeem M El-Mazary, Minia University, Egypt

18:15-18:30 **Panel Discussion**

18:30-19:30 Cocktails sponsored by **Journal of Clinical & Cellular Immunology @ Foyer**

Billie Holiday

Track 5: Vaccines
Track 6: Immunotherapy

Session Chair: Charles J Malemud, Case Western Reserve University School of Medicine, USA
Session Chair: Yongqun Oliver He, University of Michigan Medical School, USA

Session Introduction

10:55-11:15 **Novel therapeutic modality of apitherapy for controlling of multiple sclerosis**
Ahmad G Hegazi, National Research Center, Egypt

11:15-11:35 **Cytokine arrays reveal "Black Ops" tactics of tumor-induced immunosuppression**
Ruo-Pan Huang, Ray Biotech, Inc. - The Protein Array Pioneer Company, USA

11:35-11:55 **Compromised regulation of the terminal complement pathway propagates both inflammatory and age-related joint degeneration**
Anwen S Williams, Cardiff University School of Medicine, UK

11:55-12:15 **Anti-Inflammation and neuroprotective drugs benefit the treatment of heroin dependent patients**
Ru Band Lu, National Cheng Kung University, Taiwan

12:15-12:35 **Application of drugs based on release-active antibodies as immunotherapy agents**
Elena Gavrilova, OOO NPF Materia Medica Holding, Russia

12:35-12:55 **Treating AIDS patients with decompensated liver cirrhosis by autologous bone marrow transfusion**
Baochi Liu, Fudan University, China

12:55-13:15 **The effect of ultraviolet radiation and vitamin D on the susceptibility to infection and vaccination responses**
Elena Fridman, Tel Aviv University, Israel

Lunch Break 13:15-14:00 @ Eden's Landing Restaurent

14:00-14:20 **Effectiveness of ayurvedic treatment in alleviating side-effects of radiotherapy in patients suffering from oropharyngeal cancer and its relationship with improvement in immune status of the host**
Vineeta Deshmukh, Ayurved Hospital and Research Centre, India

14:20-14:40 **Induction of protective cellular and humoral responses against fasciolosis in rabbits using immunoaffinity fraction of *Fasciola gigantica* excretory secretory products**
Eman H Abdel-Rahman, National Research Center, Egypt

14:40-15:00 **Functionalized carbon nanotubes as immunomodulator systems and ultrasound contrast agents**
Lucia Gemma Delogu, University of Sassari, Italy

15:00-15:20 **Effects of sulfonated zinc phthalocyanine and low intensity laser irradiation in inducing photodynamic damage in breast cancer cells**
Ivan Mfouo-Tynga, University of Johannesburg, South Africa

15:20-15:40 **Local inflammation in breast tissue and mammographic density among premenopausal and postmenopausal women**
Mirette Hanna, Laval University, Canada

15:40-16:00 **Plant virus expression vectors for biopharmaceutical production**
Kathleen Hefferon, Cornell University, USA

Coffee Break 16:00-16:15 @ Foyer

16:15-16:35 **Engineered T cells: Next-generation cancer immunotherapy**
Rahul Purwar, Indian Institute of Technology Bombay, India

16:35-16:55 **The role of specific immunotherapy in reduction of viral infections in asthmatic patients**
Luljeta Ahmetaj, Medical Faculty of Prishtina, Kosova

16:55-17:15 **Anti p53 antibodies increased the prognostic value of alpha fetoprotein in hepatocellular carcinoma**
Lamiss Mohamed Abd Elaziz Sad, Tanta University Hospital, Egypt

17:15-17:35 **Cyclosporin a combined with gentamicin suppressed human Wa rotavirus replication *in vitro* and *in vivo***
Jin-tao Li, Third Military Medical University, PR China

18:15-18:30 Panel Discussion

18:30-19:30 Cocktails sponsored by **Journal of Clinical & Cellular Immunology @ Foyer**

Day 2 September 30, 2014

Harbor Room

Keynote Forum

08:30-08:55 **Warren J Leonard**
National Institutes of Health, USA

08:55-09:20 **Yehuda Shoenfeld**
Tel-Aviv University, Israel

Track 1: Clinical Immunology
Track 2: Cellular Immunology

Session Chair: Howard A Young, National Cancer Institute, USA
Session Chair: Yongqun Oliver He, University of Michigan Medical School, USA

Session Introduction

09:20-09:40 **In-utero transplantation (IUT) an experimental window into immune self: Basic and applied implications**
John Pixley, University of Nevada, USA

09:40-10:00 **Obesity is associated with a decreased risk of carcinogenic HPV infection and cervical intraepithelial neoplasia in a population of young healthy women**
Martha M Sklavos, Leidos Biomedical Research, Inc., USA

10:00-10:20 **Deciphering HoxA9 function in multipotential progenitor biology and B cell development**
Kay L Medina, Mayo Clinic, USA

10:20-10:40 **Physiological organization of immune response based on the homeostatic mechanism of matrix reprogramming: Implication in tumor and biotechnology**
Malyshev Igor, University of North Texas Health Science Center, USA

Coffee Break 10:40-10:55 @ Foyer

10:55-11:15 **Role of interleukin-1 system in alcohol drinking and preference**
Michal Bajo, The Scripps Research Institute, USA

11:15-11:35 **Immune mechanisms implicated in the tolerance induction to food allergens in children**
Rafael Correa Rocha, Institute of Health Research Gregorio Marañón, Spain

11:35-11:55 **Endothelium as a part of septic multiple organ dysfunction syndrome (MODS): Is endocan an answer?**
Malgorzata Lipinska Gediga, Wroclaw Medical University, Poland

11:55-12:15 **VISTA deficiency synergizes with a non-redundant immune checkpoint pathway and leads to enhanced immune activation**
Li Wang, Geisel School of Medicine at Dartmouth, USA

12:15-12:35 **IL-2 as an adjuvant for foot-and-mouth disease vaccine through the generation of Th1, Th2 as well as T follicular helper cells**
Chunxia Su, Ningxia Medical University, PR China

12:35-12:55 **Vitamin D: Should a regular dose be part in immunomodulation of regulatory T cells in immunomediated diseases?**
Gerlies Treiber, Medical University of Graz, Austria

Lunch Break 12:55-13:40 @ Eden's Landing Restaurent

13:40:14:00 **Manipulating the immune status and stress-responsiveness of pregnant females and their progeny through dietary supplementation**
Janeen L Salak-Johnson, University of Illinois, USA

14:00-14:20 **Immunohematopoietic modulation by the alga *Chlorella* in obese mice**
Mary L S Queiroz, State University of Campinas, Brazil

14:20-14:40 **CCR4 Play a key role in a mouse fracture healing model**
Baochi Liu, Fudan University, China

14:40-15:00 **New protein constructs from KLRB1 superfamily for immunologic and structural research**
Petr Kolenko, Institute of Macromolecular Chemistry, Czech Republic

15:00:15:20 **The correlations of activins and follistatin with viral load, liver damage, Interleukin-6 and tumour necrosis factor-α in treatment naive patients with chronic hepatitis C genotype 1 and 4: A case-control study**
Ahmed Mohammed Ashshi, University of Umm Al-Qura, Kingdom of Saudi Arabia

15:20-15:40 ***Moringa oleifera* Lam. inhibits human macrophage cytokine production induced by cigarette smoke**
Kanchana Usuwanthim, Naresuan University, Thailand

15:40-16:00 **In search for mediators of dendritic cell recruitment to the cornea during inflammation**
Aslihan Turhan, Gaziantep University, Turkey

Coffee Break 16:00-16:15 @ Foyer

16:15-16:35 **The study of chemokine-like factor 1 (CKLF1) antagonist peptides C19 in mouse model with atopic dermatitis**
Gaoyun Yang, Beijing Friendship Hospital of Capital Medical University, China

17:55-18:10 Panel Discussion

Billie Holiday

Track 7: Infectious Diseases and Immune System
Track 8: Auto Immunity
Track 9: Autoimmunity and Therapathies
Track 10: Allergy and Therapathies

Session Chair: Charles J Malemud, Case Western Reserve University School of Medicine, USA
Session Chair: Yehuda Shoenfeld, Tel-Aviv University, Israel

Session Introduction

09:20-09:40 **Clinical evidence of immune system dysregulation caused by intracellular infection**
Meg Mangin, Chronic Illness Recovery, USA

09:40-10:00 **Harnessing the absence (helminthes) to treat the epidemic (autoimmunity)**
Yehuda Shoenfeld, Tel-Aviv University, Israel

10:00-10:20 **Role of microRNAs in the molecular pathogenesis HIV/SIV induced gastrointestinal dysfunction/ disease**
Mahesh Mohan, Tulane National Primate Research Center, USA

10:20-10:40 **Regulation and function of immunosuppressive myeloid cells in systemic autoimmunity**
Trine N Jorgensen, Lerner Research Institute, USA

Coffee Break 10:40-10:55 @ Foyer

10:55-11:15 **The role of TLR7 in spontaneous germinal center formation and the development of autoimmunity**
Zia Rahman, Penn State University College of Medicine, USA

11:15-11:35 **Dengue infection: Cytokine profiles and modulation of the micro vascular endothelium**
Shamala Devi Sekaran, University of Malaya, Malaysia

11:35-11:55 **Hematopoietic-stem-cell based therapy for HIV disease**
Josef Bodor, Institute of Experimental Medicine, Czech Republic

11:55-12:15 **Blockade of CD40/CD40L interactions early in life abolishes Sjögren's-like manifestations in aged NOD.H2^{H4} mice**
Tamer I Mahmoud, MedImmune, LLC., USA

12:15-12:35 **Characteristics of allergy in autoimmune thyroid diseases**
Ildikó Molnár, EndoMed, Hungary

12:35-12:55 **Classify and risk analysis of surgical patients with HIV infection**
Baochi Liu, Fudan University, China

Lunch Break 12:55-13:40 @ Eden's Landing Restaurent

13:40:14:00 **Clinical advances of anti-TIF1γ autoantibody in a Hungarian myositis cohort**
Melinda Nagy-Vincze, University of Debrecen, Hungary

14:00-14:20 **Memory NK cells during mousepox infection**
Min Fang, Chinese Academy of Sciences, China

14:20-14:40 **Impact of malaria on immunohaematological parameters of pregnant women infected with malaria parasites at Federal Teaching Hospsital Abakaliki, Ebonyi State**
Moses Nnaemeka Alo, Federal University, Nigeria

14:40-15:00 **Is the rate of preeclampsia affected by HIV/AIDS?: A retrospective case-control study**
Vital M S Kalumba, Mediclinic Gynaecological Hospital, South Africa

15:00:15:20 **The relationship between certain type and titer of antiphospholipid antibodies and valvular manifestations in patients with antiphospholipid syndrome**
Stojanovich Ljudmila, University Medical Center Bezanijska kosa, Serbia

15:20-15:40 **Characterization of inflammation and immune cell modulation induced by low-dose LPS administration to healthy volunteers**
Marlous Dillingh, Centre for Human Drug Research, The Netherlands

15:40-16:00 **The sympathetic nervous system: A not so "sympathetic" regulator of immune function in autoimmune disease- Rheumatoid arthritis as an example**
Dianne Lorton, Kent State University, USA

Coffee Break 16:00-16:15 @ Foyer

16:15-16:35 **Functional effects of TGF-beta1 on mesenchymal stem cell mobilization in cockroach allergen induced asthma**
Gao Peisong, The Johns Hopkins University, USA

16:35-16:55 **Novel signaling paradigm regulating TOLL-like receptors on innate immune cells**
Myron R Szewczuk, Queen's University, Canada

16:55-17:15 **Immune response in patients with cutaneous lesions caused by *L. donovanisensolatoin* Lebanon**
Nuha Nuwayri Salti, American University of Beirut, Lebanon

17:15-17:35 **Tumor necrosis factor alpha promoter polymorphism -308 G/A in Egyptian patients with systemic lupus erythematosus**
Weam Ahmed Maher Rashwan, Cairo University, Egypt

17:35-17:55 **The efficiency of immunotherapy to the subjects with allergy to bee venom and its influence in pollen allergy**
Leonora Hana-Lleshi, Regional Hospital Isa Grezda, Kosovo

16:00-17:00 Poster Presentations @ Foyer

18:30-19:30 Cocktails sponsored by **Journal of Allergy & Therapy @ Foyer**

Day 3 October 01, 2014

Harbor Room

Track 13: Neuro Immunology
Track 14: Reproductive Immunology
Track 15: Costimmulatory Pathways
Track 16: Diagnostic Immunology
Track 17: Technological Innovations in Immunology
Track 18: Immunoinformatics and Systems Immunology
Track 19: Rheumatology

Session Chair: Kaihong Su, University of Nebraska Medical Center, USA
Session Chair: Ligia A Pinto, Frederick National Laboratory for Cancer Research, USA

Session Introduction

09:00-09:20 **In pursuit of the unknown: Standardizing endpoint assays for evaluating complex immunological signatures**
David A Hokey, Aeras, USA

09:20-09:40 **Circulating plasmablastsfrom patients with rheumatoid arthritis preferentially produceanti-citrullinated protein antibodies**
Kaihong Su, University of Nebraska Medical Center, USA

09:40-10:00 **Hyaluronidase, hyaluronan and inflammation: Answers from the air pouch**
John Huang, Halozyme Therapeutics Inc., USA

10:00-10:20 **Anti-Müllerian hormone deficiency in females with inherited bone marrow failure syndromes**
Martha M Sklavos, Leidos Biomedical Research, Inc., USA

10:20-10:40 **Foot orthoses in children with juvenile idiopathic arthritis: A randomized controlled trial**
Andrea Coda, University of Newcastle, Australia

Coffee Break 10:40-10:55 @ Foyer

10:55-11:15 The role of nutrition and functional medicine to alleviate the symptoms of lupus
Margaret A Romero, Columbia University School of Nursing, USA

11:15-11:35 The role of microRNAs and CD4+ T lymphocyte subsets in the regulation of the immune system during normal pregnancy
Estibalitz Laresgoiti-Servitje, Instituto Nacional de Perinatología, Mexico

11:35-11:55 Immune responses to HPV vaccines: What we have learned
Ligia A Pinto, Frederick National Laboratory for Cancer Research, USA

11:55-12:15 HIV infection of human regulatory T cells (Treg) downregulates Foxp3 expression and produces a loss of the suppressive capacity of these cells
Rafael Correa-Rocha, Institute of Health Research Gregorio Marañón, Spain

12:15-12:35 Insulin resistance in diabetic nephropathy and its effect in metabolism an inflammation
Alejandro J Yanez, Universidad Austral de Chile, Chile

12:35-12:55 A novel aging-associate B-cell subset controls antitumor CD8+ T-cell response
Catalina Lee-Chang, National Institute on Aging, NIH, USA

12:55-13:15 An extract of the medicinal mushroom *Agaricus blazei* Murill can protect against allergy
Geir Hetland, University of Oslo, Norway

Lunch Break 13:15-14:00 @ Eden's Landing Restaurent

14:00-14:20 Haemogram and serum enzymes activities of Newcastle disease virus challenged broiler chickens following supplemental treatment with *Aloe vera* extract
Tony Ifeanyi Ojiezeh, Afe Babalola University, Nigeria

14:20-14:40 Autoantibodies in rheumatoid arthritis may arise from immunogenicity of peroxynitrite-modified IgG
Mir Yasir Arfat, Aligarh Muslim University, India

14:40-15:00 Non-invasive fetal RHD genotyping: Validation of the method with 200 patients
Guinchard Emmanuelle, EFS Rhône-Alpes, France

Coffee Break 15:45-16:00 @ Foyer

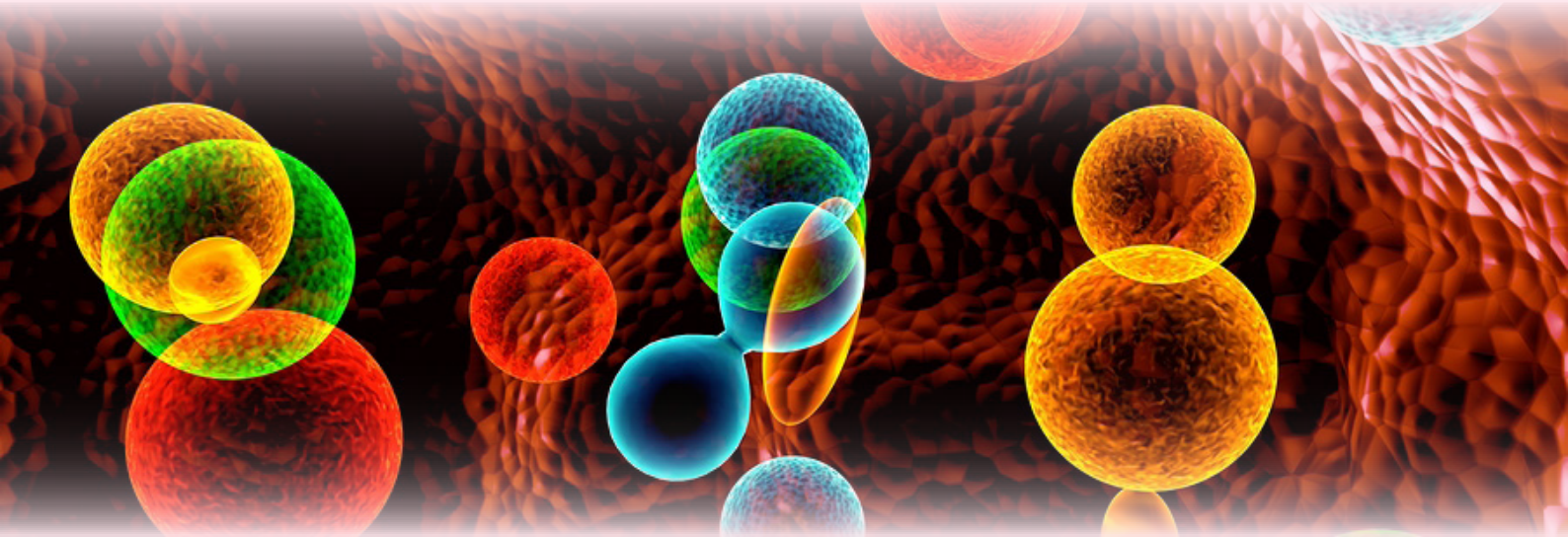
Closing Ceremony

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4th International Conference and Exhibition on Immunology

September 28-30, 2015 Houston, USA



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