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OMICS Group Conferences
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Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: immunologysummit2014@omicsgroup.com
## Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Speaker</th>
<th>Institution</th>
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</thead>
<tbody>
<tr>
<td>09:00-09:25</td>
<td>Charles J Malemud</td>
<td>Case Western Reserve University School of Medicine, USA</td>
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<tr>
<td>09:25-09:50</td>
<td>Michael G Hanna</td>
<td>Vaccinogen Inc., USA</td>
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<tr>
<td>09:50-10:15</td>
<td>Howard A Young</td>
<td>National Cancer Institute-Frederick, USA</td>
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<tr>
<td>10:15-10:40</td>
<td>Yongqun Oliver He</td>
<td>University of Michigan Medical School, USA</td>
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### Track 3: Inflammatory/Autoimmune Diseases

**Session Chair:** Michael G Hanna, Vaccinogen Inc., USA

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<tbody>
<tr>
<td>10:55-11:15</td>
<td>Aptamers for the detection of cytokines and their potential as cytokine inhibitors</td>
<td>Howard A Young</td>
<td>National Cancer Institute-Frederick, USA</td>
</tr>
<tr>
<td>11:15-11:35</td>
<td>Cross-talk between CD8+ T and NK cells: Fine-tuning of anti-tumor immune response</td>
<td>Anil Shanker</td>
<td>Meharry Medical College, USA</td>
</tr>
<tr>
<td>11:35-11:55</td>
<td>Differential gene expression in the thymus to establish low toxicity chemotherapeutic agents</td>
<td>Philip J Lucas</td>
<td>National Institutes of Health, USA</td>
</tr>
<tr>
<td>11:55-12:15</td>
<td>Mark cancer cells for CTL attack through coating with viral antigenic peptides CTLs kill tumor with viral peptides</td>
<td>Chien-Fu Hung</td>
<td>Johns Hopkins University, USA</td>
</tr>
<tr>
<td>12:15-12:35</td>
<td>Identification and characterization of agonist epitopes of MUC1-C oncoprotein</td>
<td>Kwong Y Tsang</td>
<td>National Cancer Institute, USA</td>
</tr>
<tr>
<td>12:35-12:55</td>
<td>Influence of honey in mice bearing Ehrlich carcinoma on immune status</td>
<td>Ahmed G Hegazi</td>
<td>National Research Center, Egypt</td>
</tr>
<tr>
<td>12:55-13:15</td>
<td>Disease-specific role for β-arrestin-1 in inflammatory disease pathogenesis</td>
<td>Narayanan Parameswaran</td>
<td>Michigan State University, USA</td>
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</tbody>
</table>

### Track 4: Cancer and Tumor Immunobiology

**Session Chair:** Anil Shanker, Meharry Medical College, USA

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>14:00-14:20</td>
<td>Discovery of a small molecule inhibitor of Burton's Tyrosine Kinase (BTK) for autoimmune diseases</td>
<td>Loui Madakamutil</td>
<td>Takeda California, USA</td>
</tr>
<tr>
<td>14:20-14:40</td>
<td>Potential roles of cancerous immunoglobulins in cancer immunology</td>
<td>Gregory Lee</td>
<td>UBC Center for Reproductive Health, Canada</td>
</tr>
<tr>
<td>14:40-15:00</td>
<td>Metalloproteinases and their inhibitors gene expression profiles in leukocytes of primary hypertension (PH), non-alcoholic fatty liver disease (NAFLD), and obese children</td>
<td>Joanna Trojanek</td>
<td>The Children’s Memorial Health Institute, Poland</td>
</tr>
<tr>
<td>15:00-15:20</td>
<td>Comparison between C reactive protein and microalbuminuria levels for the prognosis of renovascular hypertension</td>
<td>Paloma Manea</td>
<td>Grigore T. Popa University of Medicine and Pharmacy, Romania</td>
</tr>
</tbody>
</table>
15:20-15:40 The role of mast cell proteases in tumor angiogenesis
Maria Celia Jamur, University of Sao Paulo, Brazil
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 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

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**Day 2  
September 30, 2014**

**Harbor Room**

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**Keynote Forum**

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

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

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**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**

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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?**  
Małgorzata 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 Restaurant

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 New protein constructs from KLRB1 superfamily for immunologic and structural research
Petr Kolenko, Institute of Macromolecular Chemistry, Czech Republic

14:40-15:00 Memory NK cells during mousepox infection
Min Fang, Chinese Academy of Sciences, China

15:00-15:20 The correlations of activins and follistatin with viral load, liver damage, Interleukin-6 and tumour necrosis factor-α in treatment naïve 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

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

Role of microRNAs in the molecular pathogenesis HIV/SIV induced gastrointestinal dysfunction/disease
Mahesh Mohan, Tulane National Primate Research Center, USA

10:00-10:20 Regulation and function of immunosuppressive myeloid cells in systemic autoimmunity
Trine N Jorgensen, Lerner Research Institute, USA

10:20-10:40 The role of TLR7 in spontaneous germinal center formation and the development of autoimmunity
Zia Rahman, Penn State University College of Medicine, USA

10:40-10:55 Coffee Break 10:40-10:55 @ Foyer

10:55-11:15 Dengue infection: Cytokine profiles and modulation of the micro vascular endothelium
Shamala Devi Sekaran, University of Malaya, Malaysia

Hematopoietic-stem-cell based therapy for HIV disease
Josef Bodor, Institute of Experimental Medicine, Czech Republic

Blockade of CD40/CD40L interactions early in life abolishes Sjögren's-like manifestations in aged NOD.H2<sup>bm1</sup> mice
Tamer I Mahmoud, MedImmune, LLC., USA

11:15-11:35 Characteristics of allergy in autoimmune thyroid diseases
Ildikó Molnár, EndoMed, Hungary

Classify and risk analysis of surgical patients with HIV infection
Baochi Liu, Fudan University, China

11:35-11:55 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

Memory NK cells during mousepox infection

14:00-14:20 Min Fang, Chinese Academy of Sciences, China
Impact of malaria on immunohaematological parameters of pregnant women infected with malaria parasites at Federal Teaching Hospistal Abakaliki, Ebonyi State
Moses Nnaemeka Alo, Federal University, Nigeria

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

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

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

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

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

Novel signaling paradigm regulating TOLL-like receptors on innate immune cells
Myron R Szewczuk, Queen’s University, Canada

Immune response in patients with cutaneous lesions caused by L. donovanisensolatoin Lebanon
Nuha Nuwayri Salti, American University of Beirut, Lebanon

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

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: Costimulatory 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
In pursuit of the unknown: Standardizing endpoint assays for evaluating complex immunological signatures
David A Hokey, Aeras, USA
Circulating plasmablasts from patients with rheumatoid arthritis preferentially produce anti-citrullinated protein antibodies
Kaihong Su, University of Nebraska Medical Center, USA
Hyaluronidase, hyaluronan and inflammation: Answers from the air pouch
John Huang, Halozyme Therapeutics Inc., USA
Anti-Müllerian hormone deficiency in females with inherited bone marrow failure syndromes
Martha M Sklavos, Leidos Biomedical Research, Inc., USA
Foot orthoses in children with juvenile idiopathic arthritis: A randomized controlled trial
Andrea Coda, University of Newcastle, Australia
The role of nutrition and functional medicine to alleviate the symptoms of lupus
Margaret A Romero, Columbia University School of Nursing, USA

The role of microRNAs and CD4+ T lymphocyte subsets in the regulation of the immune system
during normal pregnancy
Estibaliz Laregoiti-Servitje, Instituto Nacional de Perinatología, Mexico

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

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

Insulin resistance in diabetic nephropathy and its effect in metabolism an inflammation
Alejandro J Yanez, Universidad Austral de Chile, Chile

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

An extract of the medicinal mushroom Agaricus blazei Murill can protect against allergy
Geir Hetland, University of Oslo, Norway

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

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

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

Bookmark your dates
September 28-30, 2015   Houston, USA