143rd OMICS Group Conference

Scientific Program

OMICS Group Conferences
Accelerating Scientific Discovery

2nd International Conference on
Clinical & Cellular Immunology

October 15-17, 2013 Hampton Inn Tropicana, Las Vegas, NV, USA



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OMICS Group Conferences
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Day 1 October 15, 2013

08:00-09:00 Registrations

Bora Bora

09:00-09:25 **Opening Ceremony**

Symposium

09:25-09:30 **Introduction**

09:30-10:00 **Michael A. Tainsky**
Wayne State University School of Medicine, USA

Keynote Forum

10:00-10:25 **Charles J. Malemud**
Case Western Reserve University, USA

Coffee Break: 10:25-10:40 @ Foyer

10:40-11:05 **Michael G. Hanna**
Vaccinogen, Inc., USA

11:05-11:30 **Timothy B. Niewold**
Mayo Clinic, USA

11:30-11:55 **Jianfei Yang**
Tempero Pharmaceuticals, a GSK Company, USA

11:55-12:20 **Sergei A. Grando**
University of California, USA

Pannel Discusion 12:20-12:30

Lunch Break 12:30-13:15 @ Carol & Patio

Track 2: Innate and Adaptive Immune System
Track 4: Immunomodulation and Immunotherapy
Track 7: Vaccines in Immunology: New Insights and Development
Track 14: Allergy and Immunology

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

Session Co-Chair: Ruth M. Ruprecht, Texas Biomedical Research Institute, USA

Session Introduction

13:15-13:35 **Vaccination of prostate cancer patients with a therapeutic vaccine containing prostate specific antigen (PSA) and the biological adjuvants IL-2 and GM-CSF results in reduced serum PSA**
Jonathan F. Head, OncBioMune, USA

13:35-13:55 **TDAR as an early safety assessment for combination therapy**
Amy L. Volk, Janssen Research & Development, USA

13:55-14:15 **Capture of antigen in the respiratory tract by monoclonal antibody Fab fragments suppresses asthmatic responses in mice antigen-specifically**
Shin Yoshino, Kobe Pharmaceutical University, Japan

14:15-14:35 **Inactivation of human white blood cells in platelet products after pathogen reduction technology (PRT) treatment in comparison to gamma irradiation**
Susanne Marschner, Terumo BCT, USA

14:35-14:55 **Analysis of avian cell proliferation by flow cytometry**
Hanan Al-Khalaifa, Kuwait Institute for Scientific Research, Kuwait

14:55-15:15 **A novel fully human IgG1 antibody targeting VEGFR2 pathway blockade angiogenesis both *in vitro* and *in vivo***
Juan Zhang, China Pharmaceutical University, China

Coffee Break 15:15-15:30 @ Foyer

15:30-15:50 **Kainic acid induced alterations in immune cells of liver and brain of mice: Subsequent attenuation by melatonin**
Gayathri V, Sree Chitra Tirunal Institute for Medical Sciences and Technology, India

15:50-16:10 **Evaluation of protective efficacy of secoisolariciresinol diglucoside: A potential immunomodulatory phytoestrogen**
J. Rajesh, University of Mysore, India

16:10-16:30 **Rifampicin-dependent antibody targets calcium-dependent epitopes on the glycoprotein IIb/IIIa complex**
Simon X Liang, Liaoning Medical University, China

16:30-16:50 **Development of oral mucosal vaccine against multidrug resistance Shigella dysenteriae type-1 (SD1)**
Priti Desai, B.V. Patel Pharmaceutical Education Research & Development (PERD) Centre, India

16:50-17:10 **Uterine Fibroids: The elephant in the room meets the immunodeficient mouse in the corner**
Christopher S. Keator, Ross University School of Medicine, West Indies

17:10-17:30 **Universal biopanning strategy to identify epitopes associated with antibody-mediated vaccine protection against infectious pathogens**
Ruth M. Ruprecht, Texas Biomedical Research Institute, USA

17:30-17:50 **IRF5 promoter usage and response to toll-like receptor stimulation**
Rodney Till, Brigham Young University, USA

17:50-18:10 **Serum antitissuetransglutaminase (tTG) IgA, IgG and anti- gliadin antibodies (AGA) IgA, IgG levels as early diagnosis before intestinal biopsy in celiac disease in children and older children Iraqi patients**
Jaafar Zainab Mohammed, Ministry of Science and Technology, Biotechnology Center, Iraq

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

Day 2 October 16, 2013

Bora Bora

Track 5: Immunology of Major Diseases
Track 6: Cancer Immunology

Session Chair: Charles J. Malemud, Case Western Reserve University, USA

Session Introduction

08:30-08:50 **Effects of an IRF 5 lupus risk allele on apoptosis, splicing, and promoter usage**
Brian Poole, Brigham Young University, USA

08:50-09:10 **Learning from Paraneoplastic Syndromes for the Development of Cancer Diagnostics**
Michael A. Tainsky, Wayne State University, USA

09:10-09:30 **Cancer therapy by resuscitating immune surveillance**
Anil Shanker, Meharry Medical College, USA

09:30-09:50 **Control of Th17 cell development in the tumor microenvironment by tumor cells**
Jianguo Liu, Saint Louis University School of Medicine, USA

09:50-10:10 **Comparative analysis of phagocytic activity of blood neutrophils in sarcoidosis and tuberculosis**
Anna Dubaniewicz, Medical University of Gdansk, Poland

10:10-10:30 **Roles of antigen receptors in the innate immunity of cancer cells**
Gregory Lee, University of British Columbia Center, Canada

Coffee Break 10:30-10:45 @ Foyer

10:45-11:05 **Molecular epidemiology of chagas disease in Venezuela**
Hernan Jose Carrasco, Universidad Central de Venezuela, Venezuela

11:05-11:25 **Treatment of postoperative infectious complications in HIV infected patients**
Baochi Liu, Fudan University, China

11:25-11:45 **Interaction between NK cells and HLA-G1 at the placental interface of HIV-1 infected pregnant women: Additional risk factors or physiological association**
Shamala Moodley, Mangosuthu University of Technology, South Africa

11:45-12:05 **Identification of targets for the development of novel immune-based anticancer treatments in colorectal and ovarian cancer**
John Sammut, Bangor University, UK

12:05-12:25 **Immuno-inflammatory markers: Adenosine deaminase and IL-6 in pathogenesis of type 2 diabetes mellitus**
M. Saraswati, Osmania University, India

12:25-12:45 **Host Responses to pathogens in the transcriptome of ocular inflammation and associated autoimmune diseases**
Sharma Srilakshmi, Bristol Eye Hospital, United Kingdom

Lunch Break 12:45-13:30 @ Carol & Patio

Track 1: Molecular and Cellular Immunology
Track 3: Inflammatory/Autoimmune Diseases

Session Chair: Jianfei Yang, Tempero Pharmaceuticals, a GSK Company, USA
Session Co-Chair: Deepak Shukla, University of Illinois, USA

Session Introduction

13:30-13:50 **A unique role for phagocytosis in herpes simplex virus infection**
Deepak Shukla, University of Illinois, USA

13:50-14:10 **RORγt inverse agonists suppress Th17 cell differentiation *in vivo***
Jianfei Yang, Tempero Pharmaceuticals, a GSK Company, USA

14:10-14:30 **Effector T cells utilize NF-kappa B-regulated CXCR4 expression to traffic to the bone marrow during immune-mediated bone marrow failure**
Lisa M. Minter, University of Massachusetts, USA

14:30-14:50 **Role of innate immune mechanisms in drug disposition**
Romi Ghose, University of Houston, USA

14:50-15:10 **Immunomodulation by peptidomimetics: Targeting CD2-CD58 protein-protein Interaction for cell adhesion Inhibition**
Seetharama Satyanarayanajois, University of Louisiana at Monroe, USA

15:10-15:30 **Novel bispecific proteins that promote crosslinking of CTLA-4 to the TCR inhibit T cell activation, direct FOXP3+ tregs differentiation, and protect NOD mice from developing autoimmune diabetes**
Yunxiang Zhu, Genzyme Corporation, USA

15:30-15:50 **The accumulated V_H replacement products contribute to the generation of auto/polyreactive antibodies in systemic lupus erythematosus**
Yangsheng Yu, University of Nebraska Medical Center, USA

15:50-16:10 **Induction of protective immune responses against EV71 in mice by baculovirus encoding a novel expression cassette for capsid protein VP1**
Jimmy Kwang, National University of Singapore, Singapore

Coffee Break 16:10-16:25 @ Foyer

16:25-16:45 **LNA/DNA probes for fluorescence sensing of nucleic acids and autoimmune antibodies**
Kira Astakhova, University of Southern Denmark, Denmark

16:45-17:05 **Pro-apoptosis and inflammation in autism as an emerging neuroimmune disorder**
Afaf El-Ansary, King Saud University, Saudi Arabia

17:05-17:25 **Impaired resolution of inflammation and endotoxin tolerance induction in auto inflammation**
Tigran K. Davtyan, Scientific Centre of Drug & Medical Technology Expertise, Republic of Armenia

17:25-17:45	**Assessment of immune and protein status in nuclear workers and population affected by radiation accidents** **Evgenia Kirillova,** Southern Urals Biophysics Institute, Russia
17:45-18:05	**Platelet serotonin level and polymorphisms of serotonin transporter gene in patients with sjogren's syndrome: Association with depression and fatigue** **Helena Sarac,** Medical School University of Zagreb, Croatia
18:05-18:25	**ZAPS acts as a key factor of RIG-I-mediated activation of innate immune responses during influenza virus** **Akinori Takaoka,** Hokkaido University, Japan
16:30-17:30	**Poster Presentations @ Carol & Patio**
18:30-19:30	Cocktails Sponsored by **Journal of Allergy & Therapy @ Foyer**

Day 3 October 17, 2013

Bora Bora

Track 8: Emerging Issues in Immunology & Reproductive Immunology
Track 9: Biomarkers and Techniques in Immunology
Track 10: Transplantation: Immune System
Track 12: Neuroimmunology
Track 13: Cytokine Biology
Track 16: Antibiotics and Innovation

Session Chair: Michael D. Benson, Northwestern University, USA

Session Co-Chair: Esma S. Yolcu, University of Louisville, USA

Session Introduction

09:00-09:20	**Engineering pancreatic islets with exogenous immunomodulatory proteins for the induction of allogeneic tolerance** **Esma S. Yolcu,** University of Louisville, USA
09:20-09:40	**Amniotic fluid embolism: The known and not known** **Michael D. Benson,** Northwestern University, USA
09:40-10:00	**Using cytokine antibody arrays to elucidate complex cytokine networks in the hallmarks of cancer** **Ruo-Pan Huang,** Ray Biotech Inc., USA
10:00-10:20	**Activating killer-cell immunoglobulin-like receptor (KIR) genes in autism** **Anthony R. Torres,** Utah State University, USA
10:20-10:40	**Lacrimal cytokines assessment in subjects exposed to different levels of ambient air pollution in a large metropolitan area** **Monique Matsuda,** University of Sao Paulo, Brazil
	Coffee Break 10:40-10:55 @ Foyer
10:55-11:15	**Sjogren's syndrome neurohumoral regulation of autoimmunity and neurological complications** **Helena Sarac,** Medical School University of Zagreb, Croatia
11:15-11:35	**Gestational diabetes: Should getting regular dose of sunshine from 1st trimester be part of antenatal package** **Susan Okafor,** Destiny University School of medicine & health studies, USA
11:35-11:55	**The cellular source and target of IL-21 in the K/BxN mouse model of rheumatoid arthritis** **Haochu Huang,** University of Chicago, USA
11:55-12:15	**Components of Avian Immune System** **Hanan Al-Khalaifa,** Kuwait Institute for Scientific Research, Kuwait
12:15-12:35	**SNPs in the promoter region of FOX P3 gene: A critical analysis of association with Graves's disease and Hashimoto's thyroiditis in terms of Th1/Th2 responses** **Mohammed Ishaq,** Deccan College of Medical Sciences, India
12:35-12:55	**Tumor necrosis factor- gene polymorphisms at site 308 substitution as predisposing factor for acne vulgaris in Iraqi patients** **Hammadi A. AL-Hilali,** Al-Qadisya University, Iraq
12:55-13:15	**Incidence of new onset of diabetes after transplantation in renal transplant recipients-Indian population** **Sailaja kesiraju,** Mahavir Hospital and Research Center, India
13:15-13:35	**Evaluation of cytokine levels in active pulmonary tuberculosis patients their household contacts in response to the r32-kilodalton antigen of M.Bovis BCG** **Suman Latha,** Bhagwan Mahavir Medical Research Centre, India
	Lunch Break 13:35-14:20 @ Carol & Patio
	Award Ceremony

Bookmark your dates

OMICS Group Conferences
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3rd International Conference and Exhibition on
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September 29-October 01, 2014 Baltimore, USA

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