

71<sup>st</sup> OMICS Group Conference

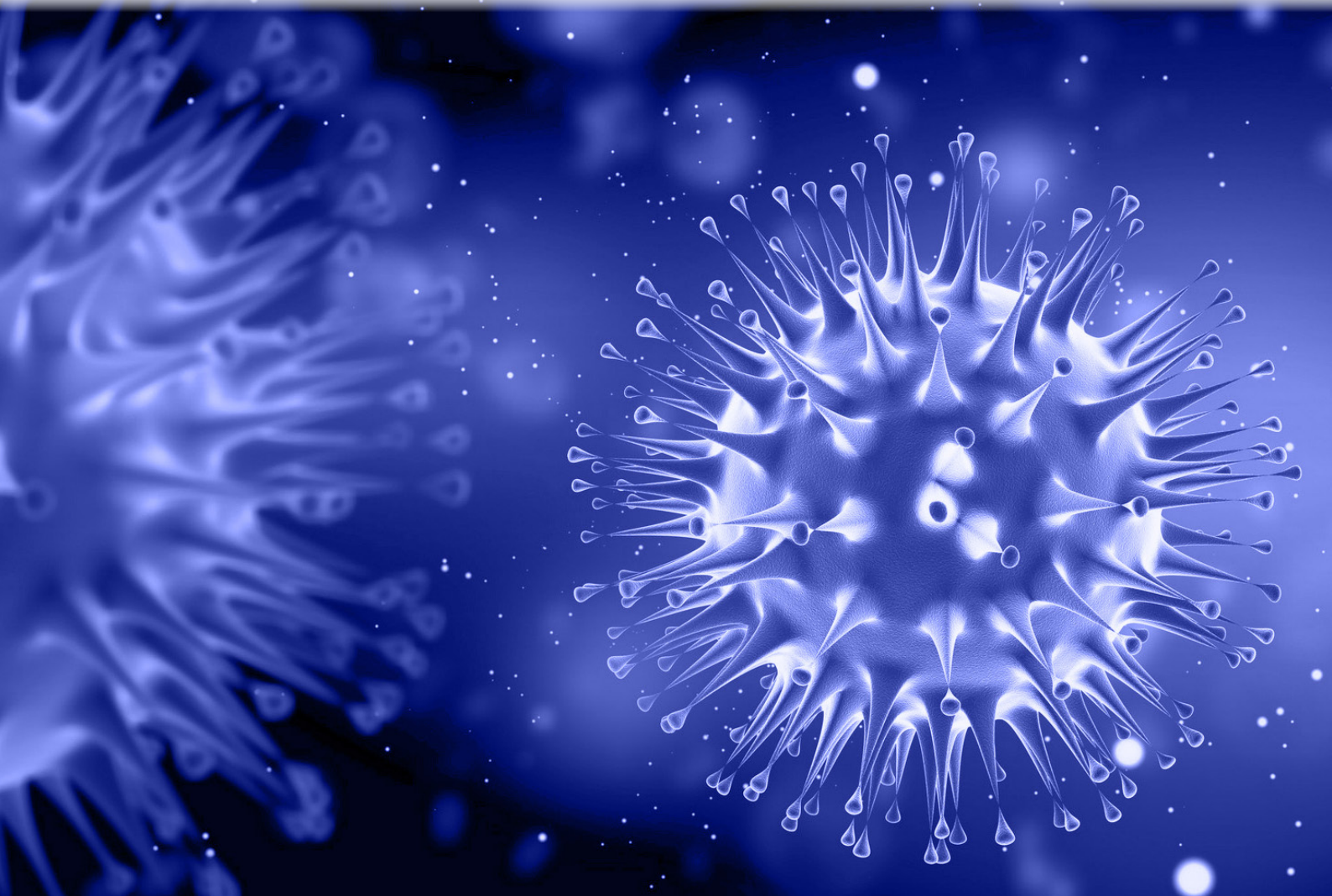
# *Scientific Program*



International Conference on

## **Clinical & Cellular Immunology**

October 22-24, 2012 DoubleTree by Hilton Chicago-Northshore, USA



### **“Organize your Events at OMICS Group Conferences”**

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences in related areas under the scheme title of your own. These proposals can be sent to respective conference mail ids or to [symposia@omicsonline.com](mailto:symposia@omicsonline.com)

### **OMICS Group Conferences**

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## Keynote Forum

10:00-10:05 Introduction

10:05-10:30 **Arthur S. Alberts**

Van Andel Research Institute, USA

10:30-10:55 **Scott I. Abrams**

Roswell Park Cancer Institute, USA

Coffee Break 10:55-11:10

11:10-11:35 **Jianfei Yang**

Tempero Pharmaceuticals, USA

11:35-12:00 **Mark D. Turner**

Nottingham Trent University, UK

12:00-12:25 **Jagat R Kanwar**

Deakin University, Australia

Lunch Break 12:25-13:25

Versailles 1

## Track 1: Molecular and Cellular Immunology

13:25-13:45 **Title: Neutrophil exocytosis: An ally or an enemy to the lungs?**

Silvia M. Uriarte, University of Louisville, USA

13:45-14:05 **Title: Oxidative stress and immunosenescence**

Laura Santambrogio, Albert Einstein College of Medicine, USA

14:05-14:25 **Title: Structural and functional mechanisms of the interleukin-7 signaling pathway**

Scott T. R. Walsh, University of Maryland, USA

14:25-14:45 **Title: Real-world airborne pparticulate matter exposure triggers non-alcoholic hepatic steatosis in an animal model**

Kezhong Zhang, Wayne State University School of Medicine, USA

14:45-15:05 **Title: The Wnt-TCF1 pathway is necessary and sufficient for modulation of mature CD8+ T cell responses**

Hai-Hui Xue, University of Iowa, USA

15:05-15:25 **Title: Altered miRNA expression in response to dengue virus infection in human monocytic cells**

Hongwei Li, University of Hawaii, USA

Coffee Break 15:25-15:40

15:40-16:00 **Title: Neutrophils - Innate immunity**

Thais Helena Gasparoto, University of São Paulo, Brazil

16:00-16:20 **Title: Evaluation of INF g, TNF and IL4 mRNA expression levels in Leishmania infantum naturally infected dogs during follow up post**

Laura Manna, Naples University School of Veterinary Medicine, Italy

16:20-16:40 **Title: New drug discovery for protection against infection by different or new viruses**

Grace Wong, ActoKine Therapeutics, USA

## Track 2: Innate and Adaptive Immune System

16:40-17:00 **Title: Negative regulatory role of the actin cytoskeleton in B cell activation and self tolerance**

Wenxia Song, University of Maryland, USA

17:00-17:20 **Title: The TLR2 agonist, neisserial outer membrane protein PorB, is a potent and unique immune adjuvant**

Lee M. Wetzler, Boston University School of Medicine, USA

17:20-17:40 **Title: Activation of the JAK/STAT pathway in the immortalized Human Juvenile Chondrocyte cell line, T/C-28a2**

Charles J. Malemud, Case Western Reserve University School of Medicine, USA

17:40-18:00 **Title: Structural basis of membrane targeting of the toll-interacting protein**  
Daniel G. S. Capelluto, Virginia Tech, USA

18:00-18:20 **Title: Post-transcriptional regulation of cytokine expression and T cell development**  
Jianguo Liu, Saint Louis University School of Medicine, USA

18:20-18:40 **Title: Innate immune response to herpes simplex virus 1 in experimental mice infection**  
Marco Antonio Campos, René Rachou Research Center, Brazil

#### Breakout 2

#### Track 3: Inflammatory/Autoimmune Diseases

13:25-13:45 **Title: Mounting evidence for an ehrlichia involvement in systemic lupus erythematosus**  
Charles Kallick, Rush University Medical Center, USA

13:45-14:05 **Title: Therapeutic targeting of notch receptor-ligand signalling ameliorates immune-mediated bone marrow failure**  
Lisa M Minter, University of Massachusetts Amherst, USA

14:05-14:25 **Title: A molecular mechanism for WASp and mDia1 collaboration in T cell migration**  
Arthur S. Alberts, Van Andel Research Institute, USA

14:25-14:45 **Title: Maturation and senescence of the Foxp3+ regulatory T cell response during autoimmunity**  
Terrence L. Geiger, St. Jude Children's Research Hospital, USA

14:45-15:05 **Title: Anti-CD52 therapy in multiple sclerosis**  
Michael J. Turner, Genzyme Corporation, USA

15:05-15:25 **Title: RORC2 inverse agonists suppress human Th17 and Tc17 cell differentiation and IL-17 expression by IL-17-producing T cells**  
Jianfei Yang, Tempero Pharmaceuticals, USA

#### Coffee Break 15:25-15:40

15:40-16:00 **Title: Tissue-specific auto antibodies in systemic lupus erythematosus**  
Kaihong Su, University of Nebraska Medical Centre, USA

16:00-16:20 **Title: The ubiquitin-proteasome system regulates lung inflammation by targeting IL-33 receptor ST2L stability**  
Yutong Zhao, University of Pittsburgh, USA

16:20-16:40 **Title: Dendritic cells: Master manipulators of age-associated chronic inflammation immune dysfunction**  
Anshu Agrawal, University of California, USA

16:40-17:00 **Title: B Cells, antibodies and chronic rhinosinusitis**  
Kathryn Hulse, Northwestern University, USA

17:00-17:20 **Title: Gender sensitivity of  $\beta$ 1 integrin: Implications for gender bias in multiple sclerosis**  
Kalipada Pahan, Rush University Medical Center, USA

17:20-17:40 **Title: The role of TNFR pre-ligand assembly domain in autoimmune diseases**  
Guo-Min Deng, Nanjing Medical University, China

17:40-18:00 **Title: Non-genomic inhibitory effect of glucocorticoids on activated peripheral blood basophiles through suppression of lipid-raft formation**  
Katsuyuki Tomita, Kinki University, Japan

19:00-20:00 **Cocktails: Sponsored by Journal of Clinical & Cellular Immunology**

#### Day 2

October 23, 2012

#### Versailles 1

#### Track 4: Immunomodulation and Immunotherapy

09:30-09:50 **Title: Transcriptional regulation of myeloid-derived suppressor cell development in neoplasia**  
Scott I. Abrams, Roswell Park Cancer Institute, USA

09:50-10:10 **Title: ES cell-derived factors regulate T cell polarization and block DC maturation**  
Lisheng Wang, University of Ottawa, Canada

10:10-10:30 **Title: Cancer stem cells in immunotherapy: Fighting fire with fire**  
Andrew N. Cornforth, California Stem Cell, USA

10:30-10:50 **Title: MDS/MPN: A complex disease of the hematopoietic stem cell compartment and its environment**  
Vivienne I. Rebel, UT Health Science Center, USA

10:50-11:10 **Title: Establishment of allogeneic mixed chimerism using bone marrow cells engineered to display on their surface an exogenous FasL protein with potent apoptotic activity**  
Esma S. Yolcu, University of Louisville, USA

#### Coffee Break 11:10-11:25

11:25-11:45 **Title: Isoforms of vitamin E differentially regulate inflammation**  
Joan M. Cook-Mills, Northwestern University Feinberg School of Medicine, USA

11:45-12:05 **Title: Immunostimulatory effect of unmethylated CpG bacterial DNA**  
Kozak Oksana, Region Oncology Hospital, Ukraine

12:05-12:25 **Title: The Immunomodulatory and antimicrobial anti-Candida effects of *Lactobacillus rhamnosus*, in vitro and in vivo**  
Mariella Leao, Universidade de Taubaté, Brazil

- 12:25-12:45 **Title: Sub antimicrobial-dose doxycycline and cytokine/chemokine levels in gingival crevicular fluid**  
**Gulnur Emingil**, Ege University, Turkey
- 12:45-13:05 **Title: Reduced immunogenicity of chromatin modifying agents expanded human cord blood grafts**  
**Benjamin Petro**, University of Illinois Cancer Center, USA

Lunch Break 13:05-14:00

**Track 5: Immunology of Major Diseases**

- 14:00-14:20 **Title: Emerging evidence for the role of CD40/TNFR5 in pancreatic cell death induced by glucolipototoxicity**  
**Mark D. Turner**, Nottingham Trent University, UK
- 14:20-14:40 **Title: Immune profile of HIV positive patients with anal neoplasm intraepithelial**  
**Adriana Goncalves Dumas**, University of Amazonas, Brazil
- 14:40-15:00 **Title: Early immunoproteasome activation in mouse pancreatic beta-cells - new insights into auto-antigen generation in type I Diabetes**  
**Dorota Skowrya**, Saint Louis University School of Medicine, USA
- 15:00-15:20 **Title: Liver injury mimicking autoimmune hepatitis following prolonged use of herbal supplements for alleviating menopausal symptoms**  
**Grace Guzman**, University of Illinois College of Medicine, USA
- 15:20-15:40 **Title: Pathophysiology of acute rejection following renal transplantation**  
**Suman Setty**, University of Illinois Medical School, USA
- 15:40-16:00 **Title: Pattern of immune response to malaria**  
**Sampath Kumar M.C**, BMS College of Engineering, India

Coffee Break 16:00-16:15

- 16:15-16:35 **Title: Human leukocyte antigen-G (HLA-G) and certain auto antibodies profile of inflammatory bowel disease patients**  
**Hammadi A. Alhilali**, Al-Qadisiya University, Iraq
- 16:35-16:55 **Title: Amino acid metabolism as target for Filarial drugs**  
**Manisha Mishra**, Banaras Hindu University, India
- 16:55-17:15 **Title: Molecular mimicry as a mechanism for the initiation of autoimmunity in Chagas disease**  
**David M. Engman**, Northwestern University, USA

**Track 6: Metastasis and Cancer Therapy**

- 17:15-17:35 **Title: Indispensable cross-talk between 4-1BB and MyD88 in CD8 T cells mediates costimulatory and anti-tumor effects**  
**Eduardo Davila**, University of Maryland, USA
- 17:35-17:55 **Title: Soypeptide lunasin as an immune modulating agent: Implication in cancer immunotherapy**  
**Hua-Chen Chang**, Indiana University-Purdue University Indianapolis, USA
- 17:55-18:15 **Title: T cell tolerance to tumor antigens: Lessons learned from a TRAMP (mouse)**  
**Arthur A. Hurwitz**, National Cancer Institute, USA
- 18:15-18:35 **Title: New generations improved detection via nano microfluidics-based devices and nanodelivery to colon cancer therapy**  
**Jagat Kanwar**, Deakin University, Australia
- 18:35-18:55 **Title: Novel safe oral nanoformulation for colon cancer therapy**  
**Rupinder K Kanwar**, Deakin University, Australia

Breakout 2

14:00-16:00 **Poster Presentations**

16:00-17:00 **Scientific Partnering**

18:45-19:45 **Cocktails: Sponsored by Journal of Clinical & Cellular Immunology**

**Day 3**

**October 24, 2012**

Versailles 1

**Track 7: Vaccines in Immunology: New Insights and Development**

- 09:30-09:50 **Title: Adjuvant breast cancer vaccine improves disease free survival of breast cancer patients with depressed lymphocyte immunity**  
**Robert L. Elliott**, Burdine Breast Foundation, USA
- 09:50-10:10 **Title: Novel vaccination strategies for the delivery of HIV moieties**  
**Toufic Nashar**, Tuskegee University, USA
- 10:10-10:30 **Title: Didecameric keyhole limpet hemocyanin is potent in promoting antigen cross-presentation and inducing antigen-specific cytotoxic T cell activation**  
**Shuguang Bi**, University of California, USA
- 10:30-10:50 **Title: Increased antibody breadth in lupus rabbits immunized with an envelopebased HIV-1 DNA prime/protein boost vaccine**  
**Anthony Cristillo**, Advanced BioScience Laboratories Inc., USA

Coffee Break 10:50-11:05

- 11:05-11:25 **Title: High immunogenic activity of GX301, a telomerase-based, multi-peptide, multi-adjuvant cancer vaccine**  
Gilberto Filaci, University of Genoa, Italy
- 11:25-11:45 **Title: Photodynamically inactivated Leishmania as a potential novel carrier for vaccine delivery against infectious and non-infectious diseases**  
Kwang Poo Chang, Rosalind Franklin University, USA
- 11:45-12:05 **Title: Vaccines in immunology**  
Onodu Winifred Uzoamaka, Ministry Of Health Enugu, Nigeria

**Track 9: Biomarkers and Techniques in Immunology**

- 12:05-12:25 **Title: Developing aptamer probes for detection of acute myelogenous leukemia**  
Ying Li, University of Florida, USA
- 12:25-12:45 **Title: Immunological studies on ulcerative colitis on Iraqi patients**  
Zainab Mohammed, Baghdad University, Iraq
- 12:45-13:05 **Title: Biomarkers of FOXP3+ Treg cell (dys)function in human health and disease**  
Ciriaco A. Piccirillo, McGill University, USA

Lunch Break 13:05-14:00

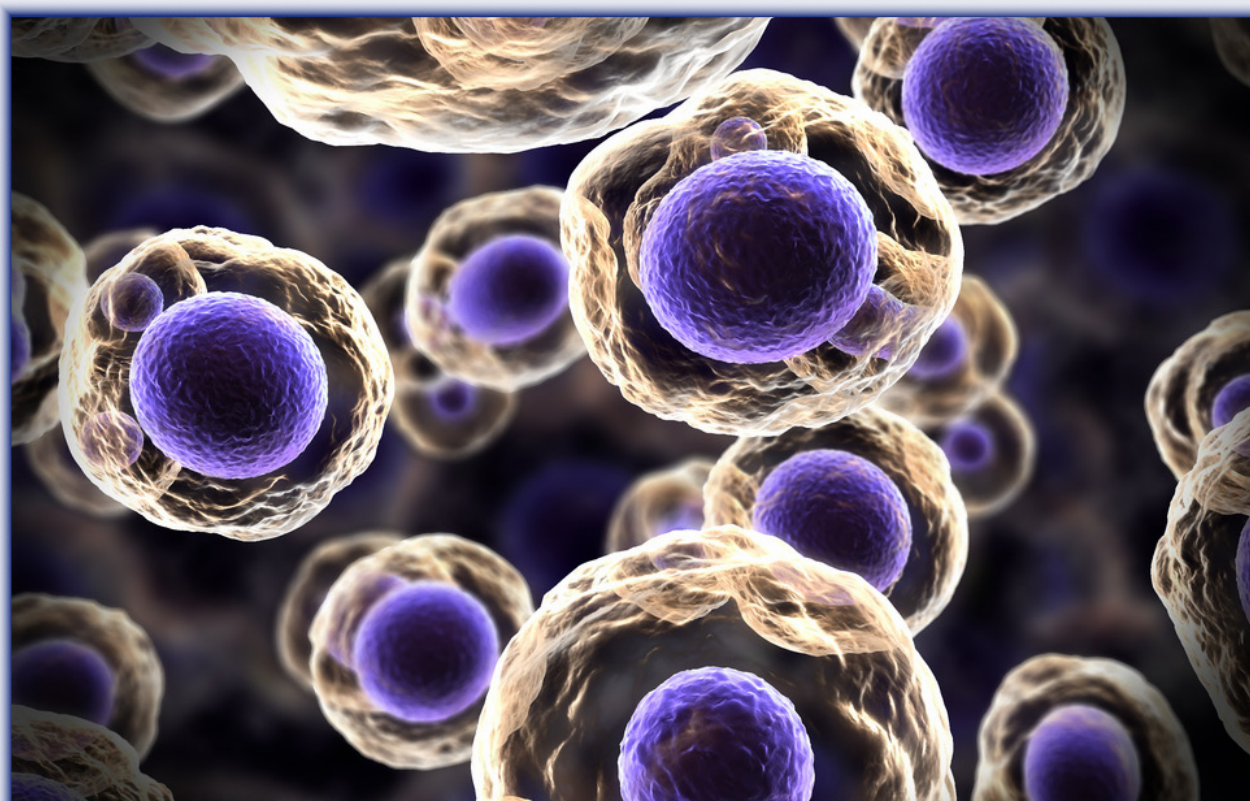
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2<sup>nd</sup> International Conference on

# Clinical & Cellular Immunology

October 15-17, 2013 Las Vegas, USA



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