2nd International Conference on Autoimmunity

November 06-07, 2017 Frankfurt, Germany

Theme: “Exploring Novel Facets in Autoimmunity and Immune systems”

**For Available Speaker Slots**
autoimmunity@immunologyconferences.org
### Day 1

<table>
<thead>
<tr>
<th>Time</th>
<th>Reception/Registration</th>
<th>08.00-09.00</th>
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<table>
<thead>
<tr>
<th>Time</th>
<th>General Session</th>
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<tbody>
<tr>
<td>09.00-09.15</td>
<td>Inaugural Address</td>
</tr>
<tr>
<td>09.15-09.45</td>
<td>Keynote/Plenary Talk 1</td>
</tr>
<tr>
<td>09.45-10.15</td>
<td>Keynote/Plenary Talk 2</td>
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<tr>
<td>10.15-10.45</td>
<td>Keynote/Plenary Talk 3</td>
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</tbody>
</table>

#### Morning session

- **Least of 3 Keynote/Plenary Talks**
  - Keynote/Plenary Talk 1: 09.15-09.45
  - Keynote/Plenary Talk 2: 09.45-10.15
  - Keynote/Plenary Talk 3: 10.15-10.45

- Panel Discussions/Group Photo
- Coffee/Tea Break 10.45-11.00 (Networking)
- 11.00-12.40: 5 Speakers (20 Mins Each)
- Lunch Break 12.40-13.30
- 13.30-15.30: 6 Speakers (20 Mins Each)
- Coffee/Tea Break 15.30-15.45 (Networking)
- 15.45-17.25: 6 Speakers (20 Mins Each)

### Day 2

<table>
<thead>
<tr>
<th>Time</th>
<th>Session 1</th>
<th>Session 2</th>
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<tbody>
<tr>
<td>09.00-10.40</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
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<tr>
<td>10.55-12.35</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
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<tr>
<td>13.25-15.05</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
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<tr>
<td>15.20-17.00</td>
<td>5 Speakers (20 Mins Each)</td>
<td>5 Speakers (20 Mins Each)</td>
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</tbody>
</table>

- Morning Session
- Coffee/Tea Break 10.40-10.55 (Networking)
- Lunch Break 12.35-13.25
- Evening Session
- Coffee/Tea Break 15.05-15.20 (Networking)
- Poster Sessions
Glimpses of Autoimmunity

http://autoimmunity.conferenceseries.com/
Best Tourist Destinations in Frankfurt, Germany
Conference Venue
Frankfurt, Germany
Scientific Program

Proceedings of
Conference Series LLC Joint International Event on

5th European Immunology & Innate Immunity

July 21-23, 2016  Berlin, Germany

Hosting Organizations: Conference Series LLC
2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA

Conference Series Ltd
Heathrow Stockley Park Lakeside House, 1 Furzeground Way, Heathrow, UB11 1BD, UK, Tel: +1-800-216-6499
Email: euroimmunology@immunologyconferences.com, innateimmunity@conferenceseries.com
### Keynote Forum

<table>
<thead>
<tr>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>New serological markers for celiac disease diagnosis: Anti-neo-epitope human and microbial transglutaminases antibodies</td>
<td>Aaron Lerner, AESKU.KIPP Institute, Germany</td>
</tr>
<tr>
<td>MIF proteins as prototypical innate chemokines in inflammatory and cardiovascular disease</td>
<td>Jurgen Bernhagen, Ludwig-Maximilians University of Munich, Germany</td>
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</tbody>
</table>

### Networking & Refreshments Break

<table>
<thead>
<tr>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>Immunomics using protein and peptide microarrays for (cancer) biomarker development</td>
<td>Andreas Weinhausel, Austrian Institute of Technology GmbH, Austria</td>
</tr>
<tr>
<td>The human toponome project: Translating the spatial protein network code into efficient therapies</td>
<td>Walter Schubert, ToposNomos Ltd., Germany</td>
</tr>
</tbody>
</table>

### Exhibitor

**Adaptive Biotechnologies**

**Jochen lips**, Adaptive Biotechnologies, USA

### Group Photo

**Lunch Break**

### Sessions

- Cellular Immunology
- Inflammatory/Autoimmune Diseases
- Infectious Diseases and Immune System
- Innate Immunity
- Innate Immune Evasion
- Other Species Immunity
- Innate Molecular Immunology

### Session Chairs

**Andreas Weinhausel**, Austrian Institute of Technology GmbH, Austria

**Jessy S Deshane**, University of Alabama at Birmingham, USA

<table>
<thead>
<tr>
<th>Title</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>Citrobacter rodentium NleB blocks TRAF3 K63-linked ubiquitination to inhibit interferon-β production</td>
<td>Philip R Hardwidge, Kansas State University, USA</td>
</tr>
<tr>
<td>C3 component deposition on Salmonella O48 cells characterized by sialylated lipopolysaccharide and different pattern of outer membrane proteins</td>
<td>Bozena Futoma-Koloch, University of Wroclaw, Poland</td>
</tr>
<tr>
<td>Longitudinal changes in airway microbiome signatures and immunoregulatory cell dynamics following bronchial thermoplasty</td>
<td>Jessy S Deshane, University of Alabama at Birmingham, USA</td>
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<tr>
<td>Lymphocyte subpopulations as affected by dietary fatty acids</td>
<td>Hanan Al-Khalifa, Kuwait Institute for Scientific Research, Kuwait</td>
</tr>
<tr>
<td>The functions of the histone H2A deubiquitinase (H2A-DUB/MYSM1) in innate immune regulation</td>
<td>Nelson Gekara, Laboratory for Molecular Infection Medicine Sweden (MIMS), Sweden</td>
</tr>
<tr>
<td>Pseudomonas aeruginosa-mediated modulation of host defense responses</td>
<td>Un-Hwan Ha, Korea University, Republic of Korea</td>
</tr>
<tr>
<td>Interaction of the parasite Trichomonas vaginalis with human neutrophil extracellular traps</td>
<td>Eva E Avila, Universidad de Guanajuato, Mexico</td>
</tr>
<tr>
<td>Locust innate immunity: Hemocyte replenishment, cytokine identification and involvement of an angiotensin converting ortholog</td>
<td>Tewodros Firdissa Duressa, KU Leuven, Belgium</td>
</tr>
</tbody>
</table>
Title: Electroacupuncture prevents white adipose tissue inflammation through modulation of hypoxia-inducible factors-1α-dependent pathway in obese animals

Tzung-Yan Lee, Chang Gung University, Taiwan

Title: Signaling cascades regulating natural killer cell activation threshold

Mira Barda-Saad, Bar-Ilan University, Israel

Title: Non-specific transcription initiation by RNA polymerase III and its possible implication in innate immunity

Nayef Jarrous, The Hebrew University of Jerusalem, Israel

Title: No relationship between lipoprotein-associated phospholipase A2, proinflammatory cytokines, and neopterin in Alzheimer’s disease

Sumru Savas, Ege University School of Medicine, Turkey

Title: A rapid and quantifiable flow cytometry-based potency assay to measure the immunomodulatory properties of Mesenchymal Stromal Cells

Andreia Marques Ribeiro, National University of Ireland, Ireland

Panel Discussion

Day 2    July 22, 2016

Embassy I+II

Keynote Forum

Title: Hypothesis testing: A role for inflammasome activation in pediatric autoimmune hepatitis?

Kathleen B Schwarz, Johns Hopkins University School of Medicine, USA

Title: Natural killer receptor 1 dampens the development of allergic eosinophilic airway inflammation

Yaffa Mizrachi Nebenzahl, Ben Gurion University of the Negev, Israel

Session: Cancer and Tumor Immunobiology

Vaccines and Vaccination

Immunotherapy

Auto Immunity

Diagnostic Immunology

Inflammation

Innate Cancer Immunology

Immunity Vitamins

Session Chair: Kathleen B Schwarz, Johns Hopkins University School of Medicine, USA

Session Co-Chair: Ildiko Molnar, EndoMed, Hungary

Title: Suppression of B lymphopoiesis by myeloid-derived suppressor cells in tumor-bearing mice

Jessy S Deshane, University of Alabama at Birmingham, USA

Title: The role of tissue-specific type 2 5′-deiodinase enzyme activities in Graves’ orbitopathy and systemic sclerosis: A new candidate in thyroid autoimmunity

Ildiko Molnar, EndoMed, Hungary

Title: Modulating the antioxidant defences to potentiate oncolytic virotherapy in prostate cancer

Rongtuan Lin, McGill University, Canada

Title: Development of microfabricated tools to investigate immune cell-tumor cell interactions

Meltem Elitas, Sabanci University, Turkey

Title: Transforming growth factor-β programs central-memory differentiation in ex-vivo stimulated human T cells by modulating ID3 expression

Amina Dahmani, University of Montreal, Canada

Lunch Break

Title: The innate chemokine MIF goes adaptive in atherosclerosis

Omar El Bounkari, Klinikum der Universität München, Germany

Title: Estrogen based hormonal therapy to modulate the intestinal innate immune response in Parkinson’s disease

Denis Soulet, Laval University, Canada
Unmasking the masquerading cancer cells: Have we made progress with the revival of immunotherapy?
Ganapathi Bhat Mugulthimoole, Jaslok Hospital & Research Centre, India

Tumor treating fields (TTFields) induced cancer cell death may be immunogenic resulting in enhanced antitumor efficacy when combined with immune-modulating therapy
Moshe Giladi, Novocure Ltd., Israel

Hypoxia limits CTL functions: Lessons from live intratumoral imaging
Tali Feferman, Weizmann Institute of Science, Israel

Multi-drug resistant proteins expression in primary enucleated retinoblastoma eyes versus surgery after conservative treatment
Hisham AbdEl Dayem, Ain Shams University, Egypt

Networking & Refreshments Break

Role of WW domain-containing oxidoreductase WWOX in driving T-cell acute lymphoblastic leukemia maturation
Nan-Shan Chang, National Cheng Kung University, Taiwan

Collection and characterization of potentially novel antimicrobial peptides from Japanese medaka plasma
Miao Dong, City University of Hong Kong, Hong Kong SAR

Deciphering the crystal structure of NF-CU - a novel bispecific antibody for the treatment of acute myeloid leukemia
Anne Stinn, Max Planck Institute for Infection Biology, Germany

A recombinant subunit vaccine based on rOmp2b protein induces protection against Brucella infection in BALB/c mice
Maryam Golshani, Pasteur Institute of Iran, Iran

Bioluminescence-based detection of brain immune cells apoptosis and ATP depletion induced by aflatoxin B1
Jolil Mehrzd, Ferdowsi University of Mashhad, Iran

Poster Presentations

Title: CD4+ T-cell proliferation after co-culture of human neutrophils challenged with Paracoccidioides brasiliensis with dendritic cells: Crosstalk between neutrophils and dendritic cells
Daniela Ramos Rodrigues, Univesidade Estadual Paulista, Brazil

Dendritic cells challenged with paracoccidioides brasiliensis promote Treg cell response
Reginaldo Keller Fernandes, Universidade Estadual Paulista, Brazil

Flavivirus nonstructural protein 1 based recombinant vaccine
Ching-Len Liao, National Health Research Institutes, Taiwan

STAT3 mutation presenting with atopic dermatitis
Ferah Genel, Dr. Behcet Uz Children’s Hospital, Turkey

Studies on expression of gamma glutamlycysteine synthetase (γGCS) in Leishmania tarentolae
Muattaz Hussain, University of Strathclyde, UK

Viral cooption and amplification of pro-inflammatory and IFN mediated reprogramming of macrophage’s metabolism
Konstantinos Kotzamanis, University of Edinburgh, UK

Neutrophils function in patients with a deficit of IgG subclass
Gerard Pasternak, Wroclaw Medical University, Poland

IFN-γ and TNF-α polymorphism in patients with primary immunodeficiency
Aleksandra Lewandowicz-Uszyńska, Wroclaw Medical University, Poland

Clinical, genetic and immunological analysis of patients with ataxia telangiectasia - of one center experience
Gerard Pasternak, Wroclaw Medical University, Poland

ANCA vasculitis
Gadiri Sabiha, Clinical Hospital St Therese Annaba, Algeria

Toxoplasma gondii microneme proteins 1 and 4 recognize N-glycans of TLR2 and TLR4 triggers the initial immune response to the protozoan
Camila Figueiredo Pinzan, University of Sao Paulo, Brazil

Natural tissue-specific proteins and peptides stimulate innate immunity in experimental immunodeficiency
Elena Aleksandrovna Kotenkova, The Gorbatov’s All-Russian Meat Research Institute, Russia
<table>
<thead>
<tr>
<th>Session</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>INIM-002</td>
<td>Role of PTX3 in the immune response to S. aureus intramammary infection</td>
<td>Joel Fernando Soares Filipe</td>
<td>University of Milan, Italy</td>
</tr>
<tr>
<td>INIM-003</td>
<td>Toxoplasma gondii tachyzoites induce NETosis in donkeys</td>
<td>Sami Gokpinar</td>
<td>Kirikkale University, Turkey</td>
</tr>
<tr>
<td>INIM-004</td>
<td>Extracellular traps formation of sheep and cattle polymorph nuclear neutrophils against Toxoplasma gondii</td>
<td>Kader Yildiz</td>
<td>Kirikkale University, Turkey</td>
</tr>
<tr>
<td>INIM-005</td>
<td>In vitro investigation on extracellular traps formation of cat polymorph nuclear leucocytes against Toxoplasma gondii</td>
<td>Neslihan Sursal</td>
<td>Ankara University, Turkey</td>
</tr>
</tbody>
</table>

**Day 3  July 23, 2016**

**Embassy I+II**

**Sessions:**
- Allergy and Therapathies
- Technological Innovations in Immunology
- Rheumatology
- Innate Immune Responses

**Session Chair:** Thomas Boldicke, Helmholtz Centre for Infection Research, Germany

**Session Co-chair:** Hanan Al-Khalifa, Kuwait Institute for Scientific Research, Kuwait

**Title: Recent highlights of in vivo knockdown by intrabodies**
Thomas Boldicke, Helmholtz Centre for Infection Research, Germany

**Title: Effect of flaxseed supplementation on the innate immune response**
Hanan Al-Khalifa, Kuwait Institute for Scientific Research, Kuwait

**Title: Gut microbiota, bacterial metabolites and metabolite-sensing GPCRs determine mucosal tolerance and protection against food allergy**
Laurence Macia, Charles Perkins Centre, School of medical sciences, University of Sydney, Australia

**Networking & Refreshments Break**

**Title: Long-term drug free clinical-remissions (CR) in patients with Rheumatoid arthritis (RA) on cDMARDs followed prospectively at a single rheumatology clinic in Northern India over two years**
Sundeep Kumar Upadhyaya, Indraprastha Apollo Hospitals, India

**Title: Intra-maxillary molecular delivery and blood monitoring via dental implant**
Yu-Jung Li, St. Mary’s Junior College of Medicine, Taiwan

**Title: Effect of extracellular matrix and hypoxia on mesenchymal stromal cell differentiation**
Andreia Ribeiro, National University of Ireland, Ireland

**Title: Novel phage displayed derived nanobody against placenta growth factor inhibited in vitro and in vivo angiogenesis model**
Roghaye Arezumand, North Khorasan University of Medical Sciences, Iran

**Title: The immune response of prolactin and the induction of tumor necrosis factor (TNF) in Iraqi patients infected with hepatitis C virus**
Hedef Dhafir El-Yassin, University of Baghdad, Iraq

**Lunch Break**

**Closing Ceremony**
Scientific Program

4th International Conference and Exhibition on
IMMUNOLOGY

September 28-30, 2015   Crowne Plaza Houston River Oaks, Houston, TX, USA
Opening Ceremony

Keynote Forum

Introduction

Title: Blockade of recombinant human IL-6 with tocilizumab inhibits matrix metalloproteinase-9 in the C28/I2 cell line of immortalized human chondrocytes

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

Title: The provocative issue of tumor genomic heterogeneity with respect to active and passive immunotherapy

Michael G Hanna, Vaccinogen, Inc., USA

Title: Rational vaccine design using reverse vaccinology, data base data analysis, and literature mining

Yongqun Oliver He, University of Michigan Medical School, USA

Coffee Break

Title: The role played by the host inflammatory cells in adult stem cells mediated tissue repair

Johnny Huard, University of Texas Health Science Center at Houston, USA

Title: Intestinal and lung inflammation cause systemic genotoxicity throughout the body

Robert H Schiestl, University of California, USA

Symposium

Stem Cells in Immunology

Yong Li, University of Texas School of Medicine at Houston, USA

Track 1: Clinical Immunology: Current & Future Research

Track 2: Cellular Immunology and Latest Innovations

Track 3: Immunotherapy & Cancer Immunotherapy: From Basic Biology to Translational Research

Track 4: Infectious Diseases, Emerging and Reemerging Diseases: Confronting Future Outbreaks

Track 8: Reproductive Immunology

Session Chair: Michael G Hanna, Vaccinogen, Inc., USA
Session Chair: Kamalakannan Rajasekaran, Blood Research Institute, USA

Session Introduction

Title: Defects in nuclear translocation of ERK1/2 and activation of c-Fos in ADAP deficient NK cells Correlates with decreased production of proinflammatory cytokines

Kamalakannan Rajasekaran, Blood Research Institute, USA

Title: Imaging in cancer immunology: Phenotyping of multiple immune cell subsets in-situ in FFPE tissue sections

Kristin Schmidt, Perkin Elmer, USA

Title: Status of vaccination against seasonal influenza in pregnant Japanese women: Effect on infection rate among primiparous and multiparous women

Takahiro Yamada, Hokkaido University Graduate School of Medicine, Japan

Group Photo

Lunch Break
| Title: Genetic features of NO generating systems and resistant to Ehrlich carcinoma | Malyshev Igor, Moscow State University of Medicine and Dentistry, Russia |
| Title: Tumour arginine addiction subverts the anti-cancer immune response | Francis Mussai, University of Birmingham, UK |
| Title: Expression of immunoglobulin gamma heavy chain gene in acute myeloid leukemia | C Cameron Yin, The University of Texas MD Anderson Cancer Center, USA |
| Title: Batf is essential for IL-4 expression in T follicular helper cells | Nurieva Roza Insafetdinovna, University of Texas MD Anderson Cancer Center, USA |
| Coffee Break | |
| Title: Characterization of intestinal inflammation-induced systemic genotoxicity and its potential use as a biomarker of disease activity | Robert H Schiestl, University of California, USA |
| Title: Mysm1 epigenetically regulates B1 cell proliferation via targeting miR150 | Xiao-Xia Jiang, Institute of Basic Medical Science, China |
| Title: Heterogeneous tumor stroma and prostate carcinogenesis | Omar E Franco, NorthShore University HealthSystem Research Institute, USA |
| Coffee Break | |
| Title: Immune modulation in children in South Africa, a practical approach | Pieter Rousseau Fourie, Stellenbosch University, South Africa |
| Title: Molecular and serological methods application for the diagnosis of avian mycoplasmosis in Kuwait poultry industries | Ebtesam H M Al-Ali, Kuwait Institute for Scientific Research, Kuwait |
| Title: Update of immunodiagnosis of cystic echinococcosis | Eman H Abdel-Rahman, National Research Center, Egypt |
| Panel Discussion | |
| Day 2 September 29, 2015 | Windsor - I |
| Keynote Forum | |
| Title: Targeting the elusive sézary cell | Madeleine Duvic, The University of Texas MD Anderson Cancer Center, USA |
| Title: Bee products as immuno-potentiation | Ahmed G Hegazi, National Research Center, Egypt |
| Track 09: Cytokines and Current Research | |
| Track 10: Vaccines and Immunotherapy | |
| Track 11: Inflammation and Therapies | |
| Track 15: Immunodeficiency | |
| Track 17: Immunopathology | |
| Track 18: Nutritional Immunology: A Multi-Dimensional Approach | |
| 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 | |
| Title: Activation of protective innate-adaptive immunity duo for conferring rapid-sustained-broad protection of vaccines against infectious agents | De-chu Christopher Tang, VaxDome LLC & Vaxin Inc., USA |
| Title: A chimeric protein (mTcd138) comprising the glucosyltransferase and domains of toxin B and the receptor binding domain of toxin A provides full protection against Clostridium difficile infection in mice | Xingmin Sun, Tufts University, USA |
| Coffee Break | |
| Title: The role of IL-17A in postmenopausal inflammatory events, such as in osteoporosis | Ildikó Molnár, Immunoenocrinology and Osteoporosis Centre, Hungary |
| Title: Cytokines pattern of Multiple Sclerosis patients treated with Apitherapy | Ahmed G Hegazi, National Research Center, Egypt |
Title: Should therapeutic agents for sepsis target the glycocalyx?
Seema Bhargava, Sir Ganga Ram Hospital, India

Title: The inflammasome: Critical roles in intestinal homeostasis
Hasan Zaki, University of Texas Southwestern Medical Center, USA

Title: Loss of HS1 inhibits neutrophil extravasation during inflammation via disturbed PKA signaling
Michael Schnoor, CINEVISTAV-National Polytechnic Institute, Mexico

Title: Fanconi anemia: Immune deficiency and susceptibility to cancer
Maria da Graça Justo Araujo, State University of Rio de Janeiro, Brazil

Lunch Break

Title: Renin angiotensin system and malaria: New aspects in the pathogenesis of the disease
Ana Acacia Pinheiro, Instituto de Biofísica Carlos Chagas Filho, Brazil

Title: Usefulness of initial single intravenous immunoglobulin therapy for Kawasaki disease
Toshimasa Nakada, Aomori Prefectural Central Hospital, Japan

Title: Molecular impact induced by different shaped graphene oxide on immune cells
Lucia Gemma Delogu, University of Sassari, Italy

Title: Effect of dietary supplementation of Bacillus subtilis and Terribacillus saccharophillus on the innate immune responses of a tropical freshwater fish, Labeo rohita
Kalarani Varada, Sri Padmavati Mahila Visvavidyalayam (Women’s University), India

Title: Innate immunity in cardiology: Vessel and valve
Ming-Yow Hung, Taipei Medical University, Taiwan

Title: A TSPO ligand Ro5-4864 as an inhibitor of NLRP3 inflammasome
Seong-Woon Yu, Daegu Gyeongbuk Institute of Science and Technology, Korea

Title: The role of complement factor H-like and factor H-related proteins in age-related macular degeneration
Simon J Clark, University of Manchester, UK

Coffee Break

International Symposia on Apitherapy in Immune System
Symposium Chair: Ahmed G Hegazi, National Research Center, Egypt

Title: Role of cytokines in Apitherapy
Ahmed G Hegazi, National Research Center, Egypt

Title: Innovative effects of bee venom therapy on lyme disease: A pioneering study
Amber Rose, (Board Certified NCCAOM), LMSW, USA

Title: Therapeutic modality employing bee venom acupuncture for controlling of chronic low back pain
Aliaa El Gendy, National Research Center, Egypt

Title: Honey as nutrient and functional food
Maha M Saber, National Research Center, Egypt

Title: Anti-allergic effect of bee venom in an allergic rhinitis
Magdy I Al-Shourbagi, Sharm El Sheikh International Hospital, Egypt

Title: Bee venom acupuncture in different neurological illness and its immune modulation
Mona Mostafa Farid Ganem, National Research Center, Egypt

Title: Apitherapy in immune mediated disorders
Ehab Kamal, National Research Center, Egypt

Title: Influence of some forage protein on goat immune response
Walid M A Sadek, Agricultural Research Center, Egypt

Title: Honey as antioxidant agent
Eitedal Mahmoud Daoud, National Research Center, Egypt

Poster Session @ Gallery

Poster Judge: Charles J Malemud, Case Western Reserve University School of Medicine, USA

| IMMP01 | Title: Seroprevalence of Helicobacter pylori and Hepatitis C virus antibodies in leukemia and malignant lymphoma |
|        | Mona Gamal Morsi, Faculty of Medicine, University of Alexandria, Egypt |

| IMMP02 | Title: Mutational analysis of DNAse I Gene is Pakistani SLE patients |
|        | Nageen Hussain, University of the Punjab, Pakistan |

<p>| IMMP03 | Title: Peptide based treatment for neutralising LPS in septicemia and controlling the release of proinflammatory cytokines |
|        | Madhuri Padala, University College of Science, India |</p>
<table>
<thead>
<tr>
<th>Title</th>
<th>Author/Institution</th>
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<tbody>
<tr>
<td>In vitro evaluation of the comprehensive antimicrobial and antioxidant properties of <em>Curtisia dentata</em> (Burm. f) C.A. Sm: Toxicological effect on the human embryonic kidney (HEK293) and human hepato-cellular carcinoma (HepG2) cell lines</td>
<td>Victor Olugbenga Fadipe, University of Zululand, South Africa</td>
</tr>
<tr>
<td>Antibodies against epitopes on HN domain of botulinum neurotoxin- A protect against toxin poisoning</td>
<td>Ayyar Balasubramanium Vijayalakshmi, Baylor College of Medicine, USA</td>
</tr>
<tr>
<td>Immunoopathogenesis of swine neurocysticercosis after anti-parasitic therapy</td>
<td>Satyendra Kumar Singh, Sanjay Gandhi Postgraduate Institute of Medical Sciences, India</td>
</tr>
<tr>
<td>Novel peptide inhibitors of human tumor necrosis factor-α: Molecular modelling and in-vitro assays</td>
<td>Debasis Sahu, CSIR-Institute of Genomics and Integrative Biology, India</td>
</tr>
<tr>
<td>Administration of fermented cheese whey to apparently healthy albino rats caused an increase in the population of the cells of the immune system</td>
<td>Tinuola Tokunbo Adebolu, The Federal University of Technology, Nigeria</td>
</tr>
<tr>
<td>Cancer-specific CTL Expansion with ZYX Bioreacto</td>
<td>Yongxin Zhang, Zyxell Inc., USA</td>
</tr>
<tr>
<td>Specific immune tolerance to spinal antigens as a protective strategy in rats with traumatic spinal cord injury</td>
<td>Lorena Martínez Alcantar, Universidad Michoacana de San Nicolás de Hidalgo, Mexico</td>
</tr>
<tr>
<td>Splenic CD11c(+) cells derived from semi-immune mice protect naïve mice against experimental cerebral malaria</td>
<td>Lam Quoc Bao, Nagasaki University, Japan</td>
</tr>
<tr>
<td>A case of mixed connective tissue disease (MCTD) associated with perforated nasal septum, heliotrope rash and atypical presentation responding to pulse therapy</td>
<td>Asaad T Abdelhalim, Omdurman Islamic University School of Medicine, Sudan</td>
</tr>
<tr>
<td>γδT cells expansion and function stimulated with IL-18: Role of NK cells</td>
<td>Atif SM Idrees, Alneelain University, Sudan</td>
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<tr>
<td>Chromo endoscopy associated with endoscopic laryngeal surgery for treatment of recurrent respiratory papillomatosis (Phase II)</td>
<td>Rey Caro Daniel Gonzalo, Chutro Clinic in Cordoba, Argentina</td>
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**Day 3**  September 30, 2015

**Windsor - I**

Special Session on Post Doctoral Career Development

Charles J Malemud, Case Western Reserve University School of Medicine, USA
| Track 20: Immunotoxicology |
| Track 22: Viral Immunology: Emerging and Re-emerging Diseases |
| Track 23: Rheumatology/Orthopaedics |
| Track 24: Mucosal Immunology |
| Track 28: Autoimmune Diseases |
| Track 29: Pediatric Immunology |
| Track 30: Molecular Immunology |
| Track 31: Immuno Cytochemistry, Immunohistochemistry and Immunobiology |
| Track 37: Antibiotics and Current Research |

**Session Chair:** Charles J Malemud, Case Western Reserve University School of Medicine, USA

### Session Introduction

| Title: Innovative diagnostic approach in primary immune deficiencies |
| Michelle Tseng, Amerimmune Immunology Diagnostic Laboratory, USA |
| Title: Vaccinia virus MVA as vector-vaccine strategy to modulate immune responses against Papillomavirus |
| Ricardo Rosales, Virolab S de RL de CV, Mexico |
| Title: The neuroimmunological basis of long-term behavioral sequelae in bacterial meningitis |
| Tatiana Barichello, The University of Texas Health Science Center at Houston, USA |
| Title: Evaluation of an appropriate therapeutic strategy with mesenchymal stromal cells in a pre-clinical mouse model of autoimmune disease |
| Xiubo Fan, Singapore General Hospital, Singapore |

| Coffee Break |

| Title: The effect of bee venom on rheumatoid arthritis patients |
| Ahmed G Hegazi, National Research Center, Egypt |
| Title: Human neonates display altered ex vivo monokine production related to healthy adults |
| Paulo R Z Antas, Oswaldo Cruz Institute-Fiocruz, Brazil |
| Title: The structural and molecular insights into natural killer T cell receptor (NKT) and CD1d-glycolipid recognition |
| Praveena Thirunavukkarasu, Monash University, Australia |
| Title: Therapy with immune modulators (cyclosporine A) in dermatology (focusing on psoriasis, atopic eczema, allergic vasculitis, and chronic urticaria) |
| Hana Zelenkova, Private Clinic of Dermatovenereology – DOST Svidnik, Slovakia |
| Title: Immunotoxicity of industrial effluents in fin fish: An alternative animal model for immunotoxicological studies |
| S Catherine P Alexander, Jayaraj Annapackiam College for Women (Autonomous), India |
| Title: Standing up against antibiotic resistance with synergistic approach |
| Sadaf Hasan, Aligarh Muslim University, India |
| Title: NOS1-derived nitric oxide promotes NF-kB stability and transcriptional activity by inhibiting suppressor of cytokine signaling (SOCS-1) in response to TLR4 activation |
| Mirza Saqib Baig, Indian Institute of Technology, India |
| Title: An internal ligand-bound, metastable state of a leukocyte integrin, \( \alpha_x\beta_2 \) |
| Mehmet Sen, Harvard Medical School & University of Houston, USA |

| Lunch Break |

| Title: Rac1-dependent secretion of platelet-derived CCL5 regulates neutrophil recruitment via activation of alveolar macrophages in septic lung injury |
| Rundk Ahmed Hwaiz, Clinical Research Centre, Sweden |
| Title: Role of CXCL4 in neutrophil accumulation and tissue injury in severe acute pancreatitis |
| Mohammed Yousif Merza, Lund University, Sweden |
| Title: Standardized approach versus traditional approach in management of fever in children less than five years |
| Abdel-Azeem M El-Mazary, Minia University, Egypt |
| Title: Activity Peak of in vitro Expanded Immunocytes |
| Yongxin Zhang, Zyxell Inc., USA |
| Title: In-vitro analysis of cytokines responses of visceral leishmaniasis and pulmonary tuberculosis patients to homologous and heterologous antigen stimulation |
| Hadeel Faisal Gad, University of Khartoum, Sudan |

| Closing Ceremony |
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: Immunologysummit-2013@omicsonline.net
Symposium

Introduction
Michael A. Tainsky
Wayne State University School of Medicine, USA

Keynote Forum
Charles J. Malemud
Case Western Reserve University, USA

Coffee Break
Michael G. Hanna
Vaccinogen, Inc., USA
Timothy B. Niewold
Mayo Clinic, USA
Jianfei Yang
Tempero Pharmaceuticals, a GSK Company, USA
Sergei A. Grando
University of California, USA

Pannel Discussion

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
Title: 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

Title: TDAR as an early safety assessment for combination therapy
Amy L. Volk
Janssen Research & Development, USA

Title: 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

Title: 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

Title: Analysis of avian cell proliferation by flow cytometry
Hanan Al-Khalaifa
Kuwait Institute for Scientific Research, Kuwait

Title: 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

Title: Kainic acid induced alterations in immune cells of liver and brain of mice: Subsequent attenuation by melatonin
Gayatri V
Sree Chitra Tirunal Institute for Medical Sciences and Technology, India

Title: Evaluation of protective efficacy of secoisolariciresinol diglucoside: A potential immunomodulatory phytoestrogen
J. Rajesh
University of Mysore, India

Title: Rifampicin-dependent antibody targets calcium-dependent epitopes on the glycoprotein Iib/IIa complex
Simon X Liang
Liaoning Medical University, China

Title: 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

Title: Uterine Fibroids: The elephant in the room meets the immunodeficient mouse in the corner
Christopher S. Keator
Ross University School of Medicine, West Indies

Title: Universal biopanning strategy to identify epitopes associated with antibody-mediated vaccine protection against infectious pathogens
Ruth M. Ruprecht
Texas Biomedical Research Institute, USA
Title: Effects of an IRF 5 lupus risk allele on apoptosis, splicing, and promoter usage
Brian Poole, Brigham Young University, USA
Title: Learning from Paraneoplastic Syndromes for the Development of Cancer Diagnostics
Deepak Shukla, University of Illinois, USA
Title: A unique role for phagocytosis in herpes simplex virus infection
Deepak Shukla, University of Illinois, USA
Title: RORγ inverse agonists suppress Th17 cell differentiation in vivo
Jianfei Yang, Tempero Pharmaceuticals, a GSK Company, USA
Title: Molecular epidemiology of chagas disease in Venezuela
Hernan Jose Carrasco, Universidad Central de Venezuela, Venezuela
Title: Role of innate immune mechanisms in drug disposition
Romi Ghose, University of Houston, USA
Title: Immunomodulation by peptidomimetics: Targeting CD2-CD58 protein-protein interaction for cell adhesion inhibition
Annemarie DuBay, University of Louisville, USA
Title: The accumulated Vγ receptors contribute to the generation of auto/polyreactive antibodies in systemic lupus erythematosus
Yangsheng Yu, University of Nebraska Medical Center, USA
Title: Pro-apoptosis and inflammation in autism as an emerging neuroinflammatory disorder
Kira Astakhova, University of Southern Denmark, Denmark
Title: Impaired resolution of inflammation and endotoxin tolerance induction in autoinflammation
Afael El-Ansary, King Saud University, Saudi Arabia
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

Title: Engineering pancreatic islets with exogenous immunomodulatory proteins for the induction of allogeneic tolerance
Esma S. Yolcu, University of Louisville, USA

Title: Amniotic fluid embolism: The known and not known
Michael D. Benson, Northwestern University, USA

Title: Using cytokine antibody arrays to elucidate complex cytokine networks in the hallmarks of cancer
Ruo-Pan Huang, Ray Biotech Inc., USA

Title: Activating killer-cell immunoglobulin-like receptor (KIR) genes in autism
Anthony R. Torres, Utah State University, USA

Title: 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

Title: Sjogren’s syndrome neurohumoral regulation of autoimmunity and neurological complications
Helena Sarac, Medical School University of Zagreb, Croatia

Title: 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

Title: The cellular source and target of IL-21 in the K/BxN mouse model of rheumatoid arthritis
Haochu Huang, University of Chicago, USA

Title: Components of Avian Immune System
Hanan Al-Khalaifa, Kuwait Institute for Scientific Research, Kuwait

Title: 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

Title: Tumor necrosis factor- gene polymorphisms at site 308 substitution as predisposing factor for acne vulgaris in Iraqi patients
Hammadi A. Al-Hilali, Al-Qadisa University, Iraq

Title: Incidence of new onset of diabetes after transplantation in renal transplant recipients-Indian population
Sailaja kesiraju, Bhagwan Mahavir Medical Research Centre, India

Title: 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

Award Ceremony

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Email: immunology2012@omicsonline.us
Opening Ceremony

Keynote Forum

Introduction
Arthur S. Alberts
Van Andel Research Institute, USA
Scott I. Abrams
Roswell Park Cancer Institute, USA

Jianfei Yang
Tempero Pharmaceuticals, USA
Mark D. Turner
Nottingham Trent University, UK
Jagat R Kanwar
Deakin University, Australia

Track 1: Molecular and Cellular Immunology

Title: Neutrophil exocytosis: An ally or an enemy to the lungs?
Silvia M. Uriarte, University of Louisville, USA

Title: Oxidative stress and immunosenescence
Laura Santambrogio, Albert Einstein College of Medicine, USA

Title: Structural and functional mechanisms of the interleukin-7 signaling pathway
Scott T. R. Walsh, University of Maryland, USA

Title: Real-world airborne particulate matter exposure triggers non-alcoholic hepatic steatosis in an animal model
Kezhong Zhang, Wayne State University School of Medicine, USA

Title: The Wnt-TCF1 pathway is necessary and sufficient for modulation of mature CD8+ T cell responses
Hai-Hui Xue, University of Iowa, USA

Title: Altered miRNA expression in response to dengue virus infection in human monocytic cells
Hongwei Li, University of Hawaii, USA

Coffee Break

Track 2: Innate and Adaptive Immune System

Title: Neutrophils - Innate immunity
Thais Helena Gasparoto, University of São Paulo, Brazil

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

Title: New drug discovery for protection against infection by different or new viruses
Grace Wong, ActoKine Therapeutics, USA

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

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

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

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

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

Title: Negative regulatory role of the actin cytoskeleton in B cell activation and self tolerance
Wenxia Song, University of Maryland, USA

Coffee Break
**Track 3: Inflammatory/Autoimmune Diseases**

**Breakout 2**

<table>
<thead>
<tr>
<th>Title</th>
<th>Speakers</th>
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<tbody>
<tr>
<td>Mounting evidence for an ehrlichia involvement in systemic lupus erythematosus</td>
<td>Charles Kallick, Rush University Medical Center, USA</td>
</tr>
<tr>
<td>Therapeutic targeting of notch receptor-ligand signalling ameliorates immune-mediated bone marrow failure</td>
<td>Lisa M Minter, University of Massachusetts Amherst, USA</td>
</tr>
<tr>
<td>A molecular mechanism for WASp and mDia1 collaboration in T cell migration</td>
<td>Arthur S. Alberts, Van Andel Research Institute, USA</td>
</tr>
<tr>
<td>Maturation and senescence of the Foxp3+ regulatory T cell response during autoimmunity</td>
<td>Terrence L. Geiger, St. Jude Children's Research Hospital, USA</td>
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<tr>
<td>Anti-CD52 therapy in multiple sclerosis</td>
<td>Michael J. Turner, Genzyme Corporation, USA</td>
</tr>
<tr>
<td>RORC2 inverse agonists suppress human Th17 and Tc17 cell differentiation and IL-17 expression by IL-17-producing T cells</td>
<td>Jianfei Yang, Tempero Pharmaceuticals, USA</td>
</tr>
<tr>
<td>Tissue-specific auto antibodies in systemic lupus erythematosus</td>
<td>Kaihong Su, University of Nebraska Medical Centre, USA</td>
</tr>
<tr>
<td>The ubiquitin-proteasome system regulates lung inflammation by targeting IL-33 receptor ST2L stability</td>
<td>Yutong Zhao, University of Pittsburgh, USA</td>
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<tr>
<td>Dendritic cells: Master manipulators of age-associated chronic inflammation immune dysfunction</td>
<td>Anshu Agrawal, University of California, USA</td>
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<tr>
<td>B Cells, antibodies and chronic rhinosinusitis</td>
<td>Kathryn Hulse, Northwestern University, USA</td>
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<tr>
<td>Gender sensitivity of β1 integrin: Implications for gender bias in multiple sclerosis</td>
<td>Kalipada Pahan, Rush University Medical Center, USA</td>
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<tr>
<td>The role of TNFR pre-ligand assembly domain in autoimmune diseases</td>
<td>Guo-Min Deng, Nanjing Medical University, China</td>
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<tr>
<td>Non-genomic inhibitory effect of glucocorticoids on activated peripheral blood basophiles through suppression of lipid-raft formation</td>
<td>Katsuyuki Tomita, Kinki University, Japan</td>
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</tbody>
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**Coffee Break**

**Track 4: Immunomodulation and Immunotherapy**

**Day 2 October 23, 2012 Versailles 1**

<table>
<thead>
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<th>Title</th>
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<tbody>
<tr>
<td>Transcriptional regulation of myeloid-derived suppressor cell development in neoplasia</td>
<td>Scott I. Abrams, Roswell Park Cancer Institute, USA</td>
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<tr>
<td>ES cell-derived factors regulate T cell polarization and block DC maturation</td>
<td>Lisheng Wang, University of Ottawa, Canada</td>
</tr>
<tr>
<td>Cancer stem cells in immunotherapy: Fighting fire with fire</td>
<td>Andrew N. Cornforth, California Stem Cell, USA</td>
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<tr>
<td>MDS/MPN: A complex disease of the hematopoietic stem cell compartment and its environment</td>
<td>Vivienne I. Rebel, UT Health Science Center, USA</td>
</tr>
<tr>
<td>Establishment of allogeneic mixed chimerism using bone marrow cells engineered to display on their surface an exogenous FasL protein with potent apoptotic activity</td>
<td>Esma S. Yolcu, University of Louisville, USA</td>
</tr>
</tbody>
</table>

**Coffee Break**

**Track 5: Immunology of Major Diseases**

<table>
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<tbody>
<tr>
<td>Emerging evidence for the role of CD40/TNFRS in pancreatic cell death induced by glucolipotoxicity</td>
<td>Mark D. Turner, Nottingham Trent University, UK</td>
</tr>
<tr>
<td>Immune profile of HIV positive patients with anal neoplasm intraepithelial</td>
<td>Adriana Goncalves Daumas, University of Amazonas, Brazil</td>
</tr>
<tr>
<td>Early immunoproteasome activation in mouse pancreatic beta-cells - new insights into auto-antigen generation in type 1 Diabetes</td>
<td>Dorota Skowrya, Saint Louis University School of Medicine, USA</td>
</tr>
<tr>
<td>Pattern of immune response to malaria</td>
<td>Sampath Kumar M.C, BMS College of Engineering, India</td>
</tr>
</tbody>
</table>

**Lunch Break**
Title: Human leukocyte antigen-G (HLA-G) and certain auto antibodies profile of inflammatory bowel disease patients
Hammadi A. Alhilali, Al-Qadisiya University, Iraq
Title: Molecular mimicry as a mechanism for the initiation of autoimmunity in Chagas disease
David M. Engman, Northwestern University, USA

Coffee Break

Title: Pathophysiology of acute rejection following renal transplantation
Suman Setty, University of Illinois Medical School, USA
Title: Transcriptome analysis of epigenetically modulated genome of NOD mice reveals signature genes involved in autoimmune diabetes
Sundararajan Jayaraman, University of Illinois, USA
Title: Amino acid metabolism as target for Filarial drugs
Manisha Mishra, Banaras Hindu University, India

Track 6: Metastasis and Cancer Therapy
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
Title: Soypeptide lunasin as an immune modulating agent: Implication in cancer immunotherapy
Hua-Chen Chang, Indiana University-Purdue University Indianapolis, USA
Title: T cell tolerance to tumor antigens: Lessons learned from a TRAMP (mouse)
Arthur A. Hurwitz, National Cancer Institute, USA
Title: Novel safe oral nanoformulation for colon cancer therapy
Jagat Kanwar, Deakin University, Australia
Title: Amino acid metabolism as target for Filarial drugs
Manisha Mishra, Banaras Hindu University, India

Breakout 2

Poster Presentations
Scientific Partnering
Cocktails: Sponsored by Journal of Clinical & Cellular Immunology

Day 3 October 24, 2012
Versailles 1

Track 7: Vaccines in Immunology: New Insights and Development
Title: Adjuvant breast cancer vaccine improves disease free survival of breast cancer patients with depressed lymphocyte immunity
Robert L. Elliott, Burdine Breast Foundation, USA
Title: Novel vaccination strategies for the delivery of HIV moieties
Toufic Nashar, Tuskegee University, USA
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