10TH INTERNATIONAL CONFERENCE ON CLINICAL AND CELLULAR IMMUNOLOGY

August 6-7, 2018 Madrid, Spain

Theme: “Translational research and novel approaches in clinical and cellular Immunology”

For Available Speaker Slots
clinicalimmunology@annualconferences.org
# Program at A Glance

## Day 1

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<th>Registrations @ Reception Desk</th>
<th>08.00-09.00 AM</th>
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<tr>
<td>Time</td>
<td>General Session</td>
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<tr>
<td>09.00-09.15</td>
<td>Inaugural Address</td>
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<tr>
<td>Least of 3 Keynote/Plenary Talks</td>
<td>Keynote/Plenary Talk 1</td>
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<tr>
<td>09.15-09.45</td>
<td>Keynote/Plenary Talk 2</td>
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<td>09.45-10.15</td>
<td>Keynote/Plenary Talk 3</td>
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### Morning Sessions

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<tr>
<th>Least of 3 Keynote/Plenary Talks</th>
<th>Coffee/Tea Break 10.45-11.00 (Networking)</th>
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<tr>
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<td>11.00-12.40 Speakers (Slot Available)</td>
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<td>13.30-15.30</td>
<td>Speakers (Slot Available)</td>
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<tr>
<td>Coffee/Tea Break 15.30-15.45 (Networking)</td>
<td>15.45-18.25 Speakers (Slot Available)</td>
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### Evening Sessions

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<td>15.45-18.25 Speakers (Slot Available)</td>
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## Day 2

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<th>Least of 3 Keynote/Plenary Talks</th>
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### Coffee/Tea Break 10.40-10.55 (Networking)

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<tr>
<th>Time</th>
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<tr>
<td>10.55-12.35</td>
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### Lunch Break 12.35-13.25

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<th>Time</th>
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<tr>
<td>13.25-15.05</td>
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### Young Research Forum Session

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<tr>
<td>15.20-18.00</td>
<td>Speakers (Slot Available)</td>
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For More Details, Visit: https://immunology.immunologyconferences.org/
Tourist Destinations in Madrid, Spain

El Escorial

Museo Del Prado

Parque Warner Madrid

Plaza Mayor Madrid

Puerta De Alcalá

Retiro Park

Royal Palace of Madrid

Temple of Debod
Major Scientific Sessions

- Immune System
- Microbiology and Cellular Immunology
- Autoimmunity and Inflammation
- Antigen processing and presentation
- Clinical and Translational Immunology
- Immunology and Diseases
- Transplanation Immunology
- Cancer Immunology and Immunotherapy
- Ecoimmunology and Behavioural Immunity
- Immunogenetics
- Neuroimmunology
- Infection and Allergy
- Immunity and Vitamines
- Computational Immunology
- Immunodeficiency
- Vaccines and Immunization
- Immunity and Host Defense

Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student’s enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates

Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries
clinicalimmunology@annualconferences.org

Conference Venue
Madrid, Spain

Contact us
America: Conference Series LLC
Immuno Immunology World 2018
One Commerce Center-1201, Orange St. #600
Wilmington, Zip 19899, Delaware, USA
Email: immunologyworld@annualconferences.org

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UK: Conference Series
Immunology World 2018
Kemp House, 152 City Road,
London EC1V 2NX
Tel: +1-800-216-6499
Email: immunologyworld@annualconferences.org

Contact us
Asia-Pacific: Conference Series LLC
Immunology World 2018
Divyasree Building, Raidurg
6th Floor, North Block
Hyderabad 500032, INDIA
Tel: 040-33432309
Email: immunologyworld@annualconferences.org
Conference Venue
Madrid

Madrid is the capital and largest city of Spain. The population of the city is almost 3.2 million and that of the Madrid metropolitan area, around 6.3 million. It is the third-largest city in the European Union, after London and Berlin, and its metropolitan area is the third-largest in the European Union after London and Paris. The city spans a total of 604.3 km² (233.3 sq mi). Madrid is the European city with the most elevated number of trees and green surface per occupant and it has the second most noteworthy number of adjusted trees on the planet, with 248,000 units, just surpassed by Tokyo. Madrid's nationals have admittance to a green region inside a 15-minute walk. Since 1997, green regions have expanded by 16%. At present, 8.2% of Madrid's grounds are green territories, implying that there are 16 m² (172 sq ft) of green zone per occupant, far surpassing the 10 m² (108 sq ft) per tenant prescribed by the World Health Organization.

The city is located on the Manzanares River in the centre of both the country and the Community of Madrid (which comprises the city of Madrid, its conurbation and extended suburbs and villages); this community is bordered by the autonomous communities of Castile and León and Castile-La Mancha. As the capital city of Spain, seat of government, and residence of the Spanish monarch, Madrid is also the political, economic and cultural centre of Spain. The current mayor is Ana Botella from the People's Party (PP).

Its landmarks include the Royal Palace of Madrid; the Royal Theatre with its restored 1850 Opera House; the Buen Retiro Park, founded in 1631; the 19th-century National Library building (founded in 1712) containing some of Spain's historical archives; a large number of national museums, and the Golden Triangle of Art, located along the Paseo del Prado and comprising three art museums: Prado Museum, the Reina Sofia Museum, a museum of modern art, and the Thyssen-Bornemisza Museum, which completes the shortcomings of the other two museums. Cibeles Palace and Fountain have become one of the monument symbols of the city.

The Madrid urban agglomeration has the third-largest GDP in the European Union and its influences in politics, education, entertainment, environment, media, fashion, science, culture, and the arts all contribute to its status as one of the world's major global cities. Due to its economic output, high standard of living, and market size, Madrid is considered the major financial centre of Southern Europe and the Iberian Peninsula; it hosts the head offices of the vast majority of the major Spanish companies, such as Telefónica, Iberia or Repsol. Madrid is the 17th most livable city in the world according to Monocle magazine, in its 2014 index.
Day 1       June 29, 2017

Salmanca

Registrations

conference-series.com

Opening Ceremony

Keynote Forum

Title: Single domain antibodies for the knockdown of cytosolic and nuclear proteins
Thomas Böldicke, Helmholtz Centre for Infection Research, Germany

Title: Roles of regulatory B cells in autoimmunity
Liwei Lu, The University of Hong Kong, Hong Kong

Networking & Refreshments Break

Title: Regulation of diversification and affinity maturation of antibodies
Thomas Grundström, Umeå University, Sweden

Workshop

Title: PRS – Co-resident objective measure of IHC stain performance for process QC and diagnostic aid
Jee Shum, HS Technology LLC, USA

Sessions:

Inflammatory/Autoimmune Diseases | T-Cells and B-Cells | Cellular Immunology | Immunotherapy

Session Chair: Thomas Böldicke, Helmholtz Centre for Infection Research, Germany

Session Introduction

Title: The inflammasome of activated human B-lymphocytes regulates IL-1β and IgM: A crosstalk between the innate and the adaptive immune response
Eva M Carmona, Mayo Clinic, USA

Networking & Lunch Break

Title: Reduction of tertiary lymphoid organs in salivary glands of NOD mice by PI3K-delta inhibition
Marc Bigaud, Novartis Institutes for Biomedical Research, Switzerland

Title: Gamma-aminobutyric acid (GABA) and GLP-1 treatment blocks the activation of the NF-kB inflammatory pathway and promotes the survival and proliferation of human pancreatic beta cells
Gerald J Prud’homme, Keenan Research Centre for Biomedical Science, St. Michael’s Hospital, Canada

Title: A critical role of leptin in promoting B cell response during the development of autoimmune arthritis
Liwei Lu, The University of Hong Kong, Hong Kong

Title: New protocol for generation of insulin-specific T regulatory cells
Ivana Stojanovic, University of Belgrade, Serbia

Networking & Refreshment Break

Title: Animal tissue-specific biomolecules influence on rats with cyclophosphamide-induced immunosuppression
Stepan S Dzhimak, All-Russian Meat Research Institute, Russian Federation

Title: Sublytic C5b-9 induces glomerular mesangial cell apoptosis through the cascade pathway of MEKK2-p38 MAPK-IRF-1-TRADD-caspase 8 in rat Thy-1 nephritis
Yingwei Wang, Nanjing Medical University, China

Title: Effects of B cells activating factor on growth characteristics of mouse renal tubular epithelial cells
Haiyan Xu, Third Affiliated Hospital of Soochow University, China

Panel Discussion

Day 2       June 30, 2017

Salmanca
Keynote Forum

Introduction
Title: The combination of disease modeling, immunological profiling and the NSG-UC animal model leads to a better understanding of the mechanism underlying inflammation in UC
Roswitha Gropp, Hospital of Ludwig-Maximilians-University, Germany

Workshops
Title: Make immunology research easy - A case on therapeutic antibody discovery
Kun Yin, Genscript, USA

Networking & Refreshment Break

Title: From gene to diagnostics and biotherapeutics
Philippe Funfrock, ProteoGenix, France
Title: ELISPOT as immunomonitoring tool
Oleg Targoni, CTL Europe GmbH, Germany

Sessions:
Viral Immunology | Infectious Diseases and Immune System | Diagnostic Immunology | Mucosal and Regional Immunology
Session Chair: Roswitha Gropp, Hospital of Ludwig-Maximilians-University, Germany

Networking & Lunch Break

Title: Bowel radiation injury: Complexity of the pathophysiology and promises of cell and tissue engineering
Noelle Mathieu, Institute of Radioprotection and Nuclear Safety (IRSN), France

Title: Inactivation and disinfection of zika virus in the presence and absence of blood
S Steve Zhou, Microbac Laboratories, Inc., USA
Title: The role of mitochondrial dysfunction in inflammatory crosstalk between immune cells and non-myeloid cells such as fibroblasts and myoblasts
Katarzyna Swist-Szulik, Newcastle upon Tyne University, UK

Title: The hope of immunonutrition
José Moisés Laparra Llopis, Pabellón Central del antiguo Hospital de Cantoblanco, Spain
Title: C5a induces the synthesis of IL-6 and TNF-α in rat glomerular mesangial cells through MAPK signaling pathways
Wen Qiu, Nanjing Medical University, China

Poster Presentations

Poster Judge: Thomas Böldicke, Helmholtz Centre for Infection Research, Germany

EUIMM 01 Title: Phenotypic characterization of macrophages subpopulations CD3+ TCRαβ+/TCRαβ- Adriana Rodriguez-Cruz, National Institute of Respiratory Diseases (INER), Mexico

EUIMM 02 Title: Identification of novel anti-inflammatory herbal extracts
Anne Schink, Max Planck Institute for Chemistry, Germany

EUIMM 03 Title: Amelioration of Japanese encephalitis by blockage of 4-1BB signaling is coupled to divergent enhancement of type I/II IFN responses and Ly-6C hi monocyte differentiation
Seong Kug Eo, Chonbuk National University, Republic of Korea

EUIMM 04 Title: In silico study of lipids associated in non-bilayer phospholipid arrangements
Sánchez B Sandra, ENCB- The National Polytechnic Institute, Mexico

EUIMM 05 Title: Serodiagnosis of tuberculosis: Specific detection of antibodies against the Ag85C-MPT51-HspX fusion protein (CMX)
Eduardo Martins de Sousa, Ceuma University, Brazil
Title: IL-10 polymorphism and IL-10 cytokine production in response to mite stimuli and its association with atopy and asthma in children living in a poor area in Latin America
Flávia de Araújo Sena, Federal University of Bahia (UFBA), Brazil

Title: Asthma, allergy and polymorphisms in vitamin D pathway: A cross section study
Alana Alcântara Galvão, Federal University of Bahia (UFBA), Brazil

Title: Anti-Inflammatory activity of Bixa orellana extract against Mycobacterium abscessus subsp. bolletii
Eduardo Martins de Sousa, Ceuma University, Brazil

Title: Substitute mesenchymal stromal cells therapy in graft versus host disease with a chemically defined cocktail
Yap Chui Sun, Singapore General Hospital, Singapore

Title: Association between higher levels of pro-inflammatory cytokines (TNF, IL-6) and IL-5 in induced sputum and lower lung function among subjects with asthma
Emília M M de Andrade Belitardo, Federal University of Bahia (UFBA), Brazil

Title: Memory T cells are significantly increased in rejecting liver allografts in rhesus monkeys
Hwajung Kim, Seoul National University College of Medicine, South Korea

Title: Impaired priming and increased ROS production by circulating neutrophils from patients with chronic lymphocytic leukemia
Gayane Manukyan, Palacky University Olomouc, Czech Republic

Title: Expression profiling of chemokine receptors in peripheral blood mononuclear cells in chronic lymphocytic leukemia
Gabriela Gabcova, Palacky University Olomouc, Czech Republic

Title: Development of genotype VII NDV inactivated vaccine
Guan-Ming Ke, National Pingtung University, Taiwan

Title: PMNs as “Trojan horse” vehicles for Brucella abortus persistence in murine bone marrow
María Cristina Gutiérrez-Jiménez, University of Costa Rica, Costa Rica

Title: Tissue echocardiography in early detection of myocardial dysfunction in RA
Nebal Morad Abdelhamid Mohamed, Mansoura University, Egypt

Title: Development of flow cytometry based adherence assay for Nessieria gonorrhoeae using 5-carboxyfluorescein-succidyld ester (CFSE) and ME-180 cells
Sidharth Dev Thakur, University of Saskatchewan, Canada

Title: The effect of nitration on the potential allergenicity of wheat derived alpha amylase trypsin inhibitors (ATIs)
Kira Ziegler, Max Planck Institute for Chemistry, Germany

Title: Participation of plasmacytoid dendritic cells and NKT cells in the mouse model of lupus induced by non-bilayer phospholipid arrangements
Landa S Carla, ENCB- The National Polytechnic Institute, Mexico

Title: Significance of DNA methylation to polyp formation of eosinophil and neutrophil in chronic rhinosinusitis
Jong-Yeup Kim, Konyang University, South Korea

Title: The NOD-like receptor (NLRP3) gene variability in patients with recurrent aphthous stomatitis
Simona Valova, Masaryk University, Czech Republic

Title: Lipin-2 mRNA inhibition aggravates TLR ligands induced inflammation
Seung-Heon Hong, Wonkwang University, South Korea

Title: Regulation of TIM-3 expression in T cells by tumor-conditioned media
Sun Park and Sujin Yun, Ajou University, South Korea

Title: Ectopic expression of the membrane-bound form of IL-17A promotes the growth and tumorigenicity of cancer cells
Young Sang Kim, Chungnam National University, Republic of Korea

Title: Anti-inflammatory effect of guggulsterone on inflammatory responses through ROS-HO-1 axis
Sung-Joo Park, Wonkwang University, South Korea
EUIMM 27
Title: Lack of full re-constitution of exhausted HCV-specific CD8+ T cells following IFN-free DAA therapy is partially reversed upon immune check-point inhibitions during chronic HCV
Amare Aregay, Hannover Medical School, Germany

EUIMM 28
Title: Analysis of factors affecting the differences between total IgG and sum of the IgG subclasses in children with suspected immunodeficiency
Gerard Pasternak, Wroclaw Medical University, Poland

EUIMM 29
Title: Distinct upstream role of type I IFN signaling in hematopoietic stem cell-derived and epithelial resident cells for concerted recruitment of Ly-6Chi monocytes and NK cells via CCL2-CCL3 cascade
Seong Kug Eo, Chonbuk National University, South Korea

EUIMM 30
Title: Serum protein pattern associated with severe manifestations of SLE: Organ damage and lupus nephritis
Eva Kriegova and Anna Petrackova, Palacky University Olomouc, Czech Republic

EUIMM 31
Title: Significantly increase of memory T-cells in rejected liver allografts in rhesus monkeys
Kyung-Suk Suh, Seoul National University, South Korea

EUIMM 32
Title: The humanized antibody h8G12 prevented arthritis through targeting both TNF-α and RANKL in DBA/1 monoarthritic mice
Wenming Zhao & Huihui Yuan, Capital Medical University, China

EUIMM 33
Title: NK cells aggravate acute lung injury via up-regulation of NKG2D during early stage of H1N1 influenza infection
Xulong Zhang, Capital Medical University, China

Title: Immunological and molecular characterization of hepatitis B virus in asymptomatic voluntary blood donors
Pushkala Subramanian, Dr. M.G.R Medical University, India

Title: Vanadium and chromium mediated impairments in the immunological reactivity of rats with aseptic inflammation
Aliya N Tokusheva, Asfendiyarov Kazakh National Medical University, Kazakhstan
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**

**Title: New serological markers for celiac disease diagnosis: Anti-neo-epitope human and microbial transglutaminases antibodies**

*Aaron Lerner,* AESKU.KIPP Institute, Germany

**Title: MIF proteins as prototypical innate chemokines in inflammatory and cardiovascular disease**

*Jurgen Bernhagen,* Ludwig-Maximilians University of Munich, Germany

**Networking & Refreshments Break:**

**Title: Immunomics using protein and peptide microarrays for (cancer) biomarker development**

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

**Title: The human toponome project: Translating the spatial protein network code into efficient therapies**

*Walter Schubert,* ToposNomos Ltd., Germany

**Exhibitor**

*Adaptive Biotechnologies*

*Jochen lips,* Adaptive Biotechnologies, USA

**Group Photo**

**Lunch Break:**

**Session: Cellular Immunology**

**Title: Citrobacter rodentium NleB blocks TRAF3 K63-linked ubiquitination to inhibit interferon-β production**

*Philip R Hardwidge,* Kansas State University, USA

**Title: C3 component deposition on Salmonella O48 cells characterized by sialylated lipopolysaccharide and different pattern of outer membrane proteins**

*Bozena Futoma-Koloch,* University of Wroclaw, Poland

**Title: Longitudinal changes in airway microbiome signatures and immunoregulatory cell dynamics following bronchial thermoplasty**

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

**Title: Lymphocyte subpopulations as affected by dietary fatty acids**

*Hanan Al-Khalifa,* Kuwait Institute for Scientific Research, Kuwait

**Title: The functions of the histone H2A deubiquitinase (H2A-DUB/MYSM1) in innate immune regulation**

*Nelson Gekara,* Laboratory for Molecular Infection Medicine Sweden (MIMS), Sweden

**Title: Pseudomonas aeruginosa-mediated modulation of host defense responses**

*Un-Hwan Ha,* Korea University, Republic of Korea

**Title: Interaction of the parasite Trichomonas vaginalis with human neutrophil extracellular traps**

*Eva E Avila,* Universidad de Guanajuato, Mexico

**Title: Locust innate immunity: Hemocyte replenishment, cytokine identification and involvement of an angiotensin converting ortholog**

*Tewodros Firdissa Duressa,* KU Leuven, Belgium
### Networking & Refreshments Break:

**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 Introduction

**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

### Networking & Refreshments 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

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

Title: 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

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

Title: 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:

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

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

Title: 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

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

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

Poster Presentations:

EIMM-001
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, Universidade Estadual Paulista, Brazil

EIMM-002
Title: Dendritic cells challenged with paracoccidioides brasiliensis promote Treg cell response
Reginaldo Keller Fernandes, Universidade Estadual Paulista, Brazil

EIMM-003
Title: Flavivirus nonstructural protein 1 based recombinant vaccine
Ching-Len Liao, National Health Research Institutes, Taiwan

EIMM-004
Title: STAT3 mutation presenting with atopic dermatitis
Ferah Genel, Dr. Behcet Uz Children's Hospital, Turkey

EIMM-005
Title: Studies on expression of gamma glutamylcysteine synthetase (γGCS) in Leishmania tarentolae
Muattaz Hussain, University of Strathclyde, UK

EIMM-006
Title: Viral cooption and amplification of pro-inflammatory and IFN mediated reprogramming of macrophage’s metabolism
Konstantinos Kotzamanis, University of Edinburgh, UK

EIMM-007
Title: Neutrophils function in patients with a deficit of IgG subclass
Gerard Pasternak, Wroclaw Medical University, Poland

EIMM-008
Title: IFN-γ and TNF-α polymorphism in patients with primary immunodeficiency
Aleksandra Lewandowicz-Uszyńska, Wroclaw Medical University, Poland

EIMM-009
Title: Clinical, genetic and immunological analysis of patients with ataxia telangiectasia - of one center experience
Gerard Pasternak, Wroclaw Medical University, Poland

EIMM-010
Title: ANCA vasculitis
Gadiri Sabiha, Clinical Hospital St Therese Annaba, Algeria

EIMM-011
Title: 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
Title: Natural tissue-specific proteins and peptides stimulate innate immunity in experimental immunodeficiency

Elena Aleksandrovna Kotenkova, The Gorbatov’s All-Russian Meat Research Institute, Russia

Title: Role of PTX3 in the immune response to S. aureus intramammary infection

Joel Fernando Soares Filipe, University of Milan, Italy

Title: Toxoplasma gondii tachyzoites induce NETosis in donkeys

Sami Gokpinar, Kirikkale University, Turkey

Title: Extracellular traps formation of sheep and cattle polymorph nuclear neutrophils against Toxoplasma gondii

Kader Yildiz, Kirikkale University, Turkey

Title: In vitro investigation on extracellular traps formation of cat polymorph nuclear leucocytes against Toxoplasma gondii

Neslihan Sursal, Ankara University, Turkey

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

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 Upadhya, Indraprastha Apollo Hospitals, India

Title: Intra-maxillary molecular delivery and blood monitoring via dental implant

Yu-Jung Li, St. 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 proinflam and the induction of tumor necrosis factor (TNF) in Iraqi patients infected with hepatitis C virus

Hedef Dhaifr El-Yassin, University of Baghdad, Iraq

Closing Ceremony
Scientific Program

4th International Conference and Exhibition on IMMUNOLOGY

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

Stem Cells in Immunology

Yong Li, University of Texas School of Medicine, 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
<table>
<thead>
<tr>
<th>Title</th>
<th>Author(s)</th>
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</thead>
<tbody>
<tr>
<td>Genetic features of NO generating systems and resistant to Ehrlich</td>
<td>Malyshev Igor, Moscow State University of Medicine and Dentistry, Russia</td>
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<tr>
<td>carcinoma</td>
<td>Tumour arginine addiction subverts the anti-cancer immune response</td>
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<td>Francis Mussai, University of Birmingham, UK</td>
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<td>Expression of immunoglobulin gamma heavy chain gene in acute</td>
<td>C Cameron Yin, The University of Texas MD Anderson Cancer Center, USA</td>
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<td>myeloid leukemia</td>
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<td>Batt is essential for IL-4 expression in T follicular helper cells</td>
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<td>Nurieva Roza Insafetdinovna, University of Texas MD Anderson Cancer Center,</td>
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<td>USA</td>
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<td>LFA-1/ICAM-1 ligation in T-cells influences both Notch and TGF-β</td>
<td>Navin K Verma, Nanyang Technological University, Singapore</td>
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<td>pathways</td>
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<td>Characterization of intestinal inflammation-induced systemic genotoxicity</td>
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<td>and its potential use as a biomarker of disease activity</td>
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<td>Robert H Schiestl, University of California, USA</td>
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<td>Mysm1 epigenetically regulates B1 cell proliferation via targeting</td>
<td>Xiao-Xia Jiang, Institute of Basic Medical Science, China</td>
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<td>miR150</td>
<td>Heterogeneous tumor stroma and prostate carcinogenesis</td>
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<td>Immune modulation in children in South Africa, a practical approach</td>
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<td>Differences in cytokine concentrations in maternal serum and umbilical</td>
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<td>cord blood may be related to placental exchange control mechanisms</td>
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<td>Molecular and serological methods application for the diagnosis of avian</td>
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<td>mycoplasmosis in Kuwait poultry industries</td>
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<td>Update of immunodiagnosis of cystic echinococcosis</td>
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<td>Eman H Abdel-Rahman, National Research Center, Egypt</td>
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<td>Targeting the elusive sézary cell</td>
<td>Madeleine Duvic, The University of Texas MD Anderson Cancer Center, USA</td>
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<td>Bee products as immuno-potentiation</td>
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<td>Ahmed G Hegazi, National Research Center, Egypt</td>
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<tr>
<td>Activation of protective innate-adaptive immunity duo for conferring</td>
<td>De-chu Christopher Tang, VaxDome LLC &amp; Vaxin Inc., USA</td>
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<tr>
<td>rapid-sustained-broad protection of vaccines against infectious agents</td>
<td>A chimeric protein (mTcd138) comprising the glucosyltransferase and</td>
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<td>domains of toxin B and the receptor binding domain of toxin A provides</td>
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<td>full protection against Clostridium difficile infection in mice</td>
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<td>Activation of protective innate-adaptive immunity duo for conferring</td>
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<td>Case Western Reserve University School of Medicine, USA</td>
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<td>Yongqun Oliver He, University of Michigan Medical School, USA</td>
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<td>Session Chair: Charles J Malemud, Case Western Reserve University School</td>
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<td>Session Chair: Yongqun Oliver He, University of Michigan Medical School</td>
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<td>Nutrition Immunology: A Multi-Dimensional Approach</td>
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<td>Session Introduction</td>
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<td>Coffee Break</td>
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<tr>
<td>The role of IL-17A in postmenopausal inflammatory events, such as in osteoporosis</td>
<td>Ildikó Molnár, Immunoendocrinology and Osteoporosis Centre, Hungary</td>
</tr>
<tr>
<td>Cytokines pattern of Multiple Sclerosis patients treated with Apitherapy</td>
<td>Ahmed G Hegazi, National Research Center, Egypt</td>
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<tr>
<td>Should therapeutic agents for sepsis target the glycolalyx?</td>
<td>Seema Bhargava, Sir Ganga Ram Hospital, India</td>
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<tr>
<td>The inflammasome: Critical roles in intestinal homeostasis</td>
<td>Hasan Zaki, University of Texas Southwestern Medical Center, USA</td>
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<tr>
<td>Loss of HS1 inhibits neutrophil extravasation during inflammation via disturbed PKA signaling</td>
<td>Michael Schnoor, CINEVISTAV-National Polytechnic Institute, Mexico</td>
</tr>
<tr>
<td>Fanconi anemia: Immune deficiency and susceptibility to cancer</td>
<td>Maria da Graça Justo Araujo, State University of Rio de Janeiro, Brazil</td>
</tr>
</tbody>
</table>

Lunch Break

<table>
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<th>Title</th>
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<tbody>
<tr>
<td>Renin angiotensin system and malaria: New aspects in the pathogenesis of the disease</td>
<td>Ana Acacia Pinheiro, Instituto de Biofísica Carlos Chagas Filho, Brazil</td>
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<tr>
<td>Usefulness of initial single intravenous immunoglobulin therapy for Kawasaki disease</td>
<td>Toshimasa Nakada, Aomori Prefectural Central Hospital, Japan</td>
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<tr>
<td>Molecular impact induced by different shaped graphene oxide on immune cells</td>
<td>Lucia Gemma Delogu, University of Sassari, Italy</td>
</tr>
<tr>
<td>Effect of dietary supplementation of Bacillus subtilis and Terrabacillus saccharophillus on the innate immune responses of a tropical freshwater fish, Labeo rohita</td>
<td>Kalarani Varada, Sri Padmavati Mahila Visvavidyalayam (Women’s University), India</td>
</tr>
<tr>
<td>Immune immunity in cardiology: Vessel and valve</td>
<td>Ming-Yow Hung, Taipei Medical University, Taiwan</td>
</tr>
<tr>
<td>A TSPO ligand Ro5-4864 as an inhibitor of NLRP3 inflammasome</td>
<td>Seong-Woon Yu, Daegu Gyeongbuk Institute of Science and Technology, Korea</td>
</tr>
<tr>
<td>The role of complement factor H-like and factor H-related proteins in age-related macular degeneration</td>
<td>Simon J Clark, University of Manchester, UK</td>
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</tbody>
</table>

Coffee Break

International Symposia on Apitherapy in Immune System

Symposium Chair: Ahmed G Hegazi, National Research Center, Egypt

<table>
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<tr>
<th>Title</th>
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<tbody>
<tr>
<td>Role of cytokines in Apitherapy</td>
<td>Ahmed G Hegazi, National Research Center, Egypt</td>
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<tr>
<td>Innovative effects of bee venom therapy on lyme disease: A pioneering study</td>
<td>Amber Rose, (Board Certified NCCAOM), LMSW, USA</td>
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<td>Therapeutic modality employing bee venom acupuncture for controlling of chronic low back pain</td>
<td>Aliaa El Gendy, National Research Center, Egypt</td>
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<tr>
<td>Honey as nutrient and functional food</td>
<td>Maha M Saber, National Research Center, Egypt</td>
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<td>Anti-allergic effect of bee venom in an allergic rhinitis</td>
<td>Magdy I Al-Shourbargi, Sharm El Sheikh International Hospital, Egypt</td>
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<tr>
<td>Bee venom acupuncture in different neurological illness and its immune modulation</td>
<td>Mona Mostafa Farid Ganem, National Research Center, Egypt</td>
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<tr>
<td>Apitherapy in immune mediated disorders</td>
<td>Ehab Kamal, National Research Center, Egypt</td>
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<tr>
<td>Influence of some forage protein on goat immune response</td>
<td>Walid M A Sadek, Agricultural Research Center, Egypt</td>
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<tr>
<td>Honey as antioxidant agent</td>
<td>Eitedal Mahmoud Daoud, National Research Center, Egypt</td>
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Poster Session @ Gallery

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

<table>
<thead>
<tr>
<th>IMMP01</th>
<th>Title: Seroprevalence of Helicobactor pylori and Hepatitis C virus antibodies in leukemia and malignant lymphoma</th>
<th>Mona Gamal Morsi, Faculty of Medicine, University of Alexandria, Egypt</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMMP02</td>
<td>Title: Mutational analysis of DNAse I Gene is Pakistani SLE patients</td>
<td>Nageen Hussain, University of the Punjab, Pakistan</td>
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<tr>
<td>IMMP03</td>
<td>Title: Peptide based treatment for neutralising LPS in septicemia and controlling the release of proinflammatory cytokines</td>
<td>Madhuri Padala, University College of Science, India</td>
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<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>
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<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>
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<tr>
<td>Immunopathogenesis of swine neurocysticercosis after anti-parasitic therapy</td>
<td>Satyendra Kumar Singh, Sanjay Gandhi Postgraduate Institute of Medical Sciences, India</td>
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<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>
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<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>
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<td>Cancer-specific CTL Expansion with ZYX Bioreacto</td>
<td>Yongxin Zhang, Zyxell Inc., USA</td>
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<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>
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<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>
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<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>
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<td>γδ T 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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<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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</table>

**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
### Innovative diagnostic approach in primary immune deficiencies

**Michelle Tseng,** Amerimmune Immunology Diagnostic Laboratory, USA

### Vaccinia virus MVA as vector-vaccine strategy to modulate immune responses against Papillomavirus

**Ricardo Rosales,** Virolab S de RL de CV, Mexico

### The neuroimmunological basis of long-term behavioral sequelae in bacterial meningitis

**Tatiana Barichello,** The University of Texas Health Science Center at Houston, USA

### 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

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### Coffee Break

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### The effect of bee venom on rheumatoid arthritis patients

**Ahmed G Hegazi,** National Research Center, Egypt

### Human neonates display altered ex vivo monokine production related to healthy adults

**Paulo R Z Antas,** Oswaldo Cruz Institute-Fiocruz, Brazil

### The structural and molecular insights into natural killer T cell receptor (NKT) and CD1d-glycolipid recognition

**Praveena Thirunavukkarasu,** Monash University, Australia

### 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

### 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

### Standing up against antibiotic resistance with synergistic approach

**Sadaf Hasan,** Aligarh Muslim University, India

### 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

### An internal ligand-bound, metastable state of a leukocyte integrin, \( \alpha_x \beta_2 \)

**Mehmet Sen,** Harvard Medical School & University of Houston, USA

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### Lunch Break

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### 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

### Role of CXCL4 in neutrophil accumulation and tissue injury in severe acute pancreatitis

**Mohammed Yousif Merza,** Lund University, Sweden

### Standardized approach versus traditional approach in management of fever in children less than five years

**Abdel-Azeem M El-Mazary,** Minia University, Egypt

### Activity Peak of in vitro Expanded Immunocytes

**Yongxin Zhang,** Zyxell Inc., USA

### 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

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### Closing Ceremony
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Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: Immunologysummit-2013@omicsonline.net
Session Chair: Michael G. Hanna, Vaccinogen, Inc., USA
Session Co-Chair: Ruth M. Ruprecht, Texas Biomedical Research Institute, USA

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

Registrations

Opening Ceremony

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
Session Co-Chair: Michael A. Tainsky, Brigham Young University, USA
Title: Learning from Paraneoplastic Syndromes for the Development of Cancer Diagnostics

Track 5: Cancer Immunology

Session Chair: Charles J. Malemud, Case Western Reserve University, 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
Michael A. Tainsky, Wayne State University, USA
Title: Cancer therapy by resuscitating immune surveillance
Anil Shanker, Mahatma Medical College, USA
Title: Control of Th17 cell development in the tumor microenvironment by tumor cells
Jianguo Liu, Saint Louis University School of Medicine, USA
Title: Comparative analysis of phagocytic activity of blood neutrophils in sarcoidosis and tuberculosis
Anna Dubaniewicz, Medical University of Gdansk, Poland
Title: Roles of antigen receptors in the innate immunity of cancer cells
Gregory Lee, University of British Columbia Center, Canada

Coffee Break

Title: Molecular epidemiology of chagas disease in Venezuela
Hernan Jose Carrasco, Universidad Central de Venezuela, Venezuela
Title: Treatment of postoperative infectious complications in HIV infected patients
Baochi Liu, Fudan University, China
Title: 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
Title: Identification of targets for the development of novel immune-basedanticancer treatments in colorectal and ovarian cancer
John Sammut, University of Gdansk, Poland
Title: Immuno-inflammatory markers: Adenosine deaminase and IL-6 in pathogenesis of type 2 diabetes mellitus
M. Saraswati, Osmania University, India
Title: Host Responses to pathogens in the transcriptome of ocular inflammation and associated autoimmune diseases
Sharma Srilakshmi, Bristol Eye Hospital, United Kingdom

Lunch Break

Title: A unique role for phagocytosis in herpes simplex virus infection
Deepak Shukla, University of Illinois, USA
Title: A novel role for Th17 cells in the immune response to CD2-CD58 interaction in vivo
Jianfei Yang, Tempero Pharmaceuticals, a GSK Company, USA
Title: Effect of T cells utilize NF-kappa B-regulated CXCR4 expression to traffic to the bone marrow during immune-mediated bone marrow failure
Lisa M. Minter, Brigham Young University, USA
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
Setharama Satyanarayanaojaya, University of Louisiana at Monroe, USA
Title: 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
Yuxiang Zhu, Genzyme Corporation, USA
Title: The accumulated Vh replacement products contribute to the generation of auto/polyreactive antibodies in systemic lupus erythematosus
Yangsheng Yu, University of Nebraska Medical Center, USA
Title: 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
Title: LNA/DNA probes for fluorescence sensing of nucleic acids and autoimmune antibodies
Kira Astakhova, University of Southern Denmark, Denmark

Title: Pro-apoptosis and inflammation in autism as an emerging neuroimmune disorder
Afaf El-Ansary, King Saud University, Saudi Arabia

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

Title: Assessment of immune and protein status in nuclear workers and population affected by radiation accidents
Evgenia Kirillova, Southern Urals Biophysics Institute, Russia

Title: 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

Title: ZAPS acts as a key factor of RIG-I-mediated activation of innate immune responses during influenza virus
Akinori Takaoka, Hokkaido University, Japan

Poster Presentations @ Carol & Patio

Cocktails Sponsored by Journal of Allergy & Therapy @ Foyer
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Phone: +1-650-268-9744, Fax: +1-650-618-1414, Toll free: +1-800-216-6499
Email: immunologysummit2014@omicsgroup.com
Day 1  September 29, 2014

Registrations

Harbor Room

Opening Ceremony

Keynote Forum

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

Michael G Hanna
Vaccinogen Inc., USA

Howard A Young
National Cancer Institute-Frederick, USA

Yongqun Oliver He
University of Michigan Medical School, USA

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

Title: Aptamers for the detection of cytokines and their potential as cytokine inhibitors
Howard A Young, National Cancer Institute-Frederick, USA

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

Title: Differential gene expression in the thymus to establish low toxicity chemotherapeutic agents
Philip J Lucas, National Institutes of Health, USA

Title: Mark cancer cells for CTL attack through coating with viral antigenic peptides
Chien-Fu Hung, Johns Hopkins University, USA

Title: Identification and characterization of agonist epitopes of MUC1-C oncoprotein
Kwong Y Tsang, National Cancer Institute, USA

Title: Influence of honey in mice bearing Ehrlich carcinoma on immune status
Ahmed G Hegazi, National Research Center, Egypt

Title: Disease-specific role for β-arrestin-1 in inflammatory disease pathogenesis
Narayanan Parameswaran, Michigan State University, USA

Lunch Break
Title: Discovery of a small molecule inhibitor of Burton's Tyrosine Kinase (BTK) for autoimmune diseases
Loui Madakamutil, Takeda California, USA

Title: Potential roles of cancerous immunoglobulins in cancer immunology
Gregory Lee, UBC Center for Reproductive Health, Canada

Title: 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

Title: 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

Title: The role of mast cell proteases in tumor angiogenesis
Maria Celia Jamur, University of Sao Paulo, Brazil

Title: 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

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

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

Title: 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

Title: 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

Panel Discussion
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

Title: Novel therapeutic modality of apitherapy for controlling of multiple sclerosis
Ahmad G Hegazi, National Research Center, Egypt

Title: Cytokine arrays reveal “Black Ops” tactics of tumor-induced immunosuppression
Ruo-Pan Huang, Ray Biotech, Inc. - The Protein Array Pioneer Company, USA

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

Title: Anti-Inflammation and neuroprotective drugs benefit the treatment of heroin dependent patients
Ru Band Lu, National Cheng Kung University, Taiwan

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

Title: Treating AIDS patients with decompensated liver cirrhosis by autologous bone marrow transfusion
Baochi Liu, Fudan University, China

Title: The effect of ultraviolet radiation and vitamin D on the susceptibility to infection and vaccination responses
Elena Fridman, Tel Aviv University, Israel

Lunch Break
Title: 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

Title: 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

Title: Functionalized carbon nanotubes as immunomodulator systems and ultrasound contrast agents
Lucia Gemma Deolgu, University of Sassari, Italy

Title: 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

Title: Local inflammation in breast tissue and mammographic density among premenopausal and postmenopausal women
Mirette Hanna, Laval University, Canada

Title: Plant virus expression vectors for biopharmaceutical production
Kathleen Hefferon, Cornell University, USA

Title: Engineered T cells: Next-generation cancer immunotherapy
Rahul Purwar, Indian Institute of Technology Bombay, India

Title: The role of specific immunotherapy in reduction of viral infections in asthmatic patients
Luljeta Ahmeta, Medical Faculty of Prishtina, Kosova

Title: Anti p53 antibodies increased the prognostic value of alpha fetoprotein in hepatocellular carcinoma
Lamiss Mohamed Abd Elaziz Sad, Tanta University Hospital, Egypt

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

Panel Discussion
Cocktails sponsored by Journal of Clinical & Cellular Immunology @ Foyer

Day 2 September 30, 2014
Harbor Room

Keynote Forum

Warren J Leonard
National Institutes of Health, USA

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

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

Title: 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

Title: Deciphering HoxA9 function in multipotential progenitor biology and B cell development
Kay L Medina, Mayo Clinic, USA

Title: 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
Title: Role of interleukin-1 system in alcohol drinking and preference
Michal Bajo, The Scripps Research Institute, USA

Title: Immune mechanisms implicated in the tolerance induction to food allergens in children
Rafael Correa Rocha, Institute of Health Research Gregorio Marañón, Spain

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

Title: 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

Title: 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

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

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

Title: Immunohematopoietic modulation by the alga Chlorella in obese mice
Mary L S Queiroz, State University of Campinas, Brazil

Title: CCR4 Play a key role in a mouse fracture healing model
Baochi Liu, Fudan University, China

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

Title: 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

Title: Moringa oleifera Lam. inhibits human macrophage cytokine production induced by cigarette smoke
Kanchana Usuwanthim, Naresuan University, Thailand

Title: In search for mediators of dendritic cell recruitment to the cornea during inflammation
Aslihan Turhan, Gaziantep University, Turkey

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

Panel Discussion

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

Title: Clinical evidence of immune system dysregulation caused by intracellular infection
Meg Mangin, Chronic Illness Recovery, USA

Title: Harnessing the absence (helminthes) to treat the epidemic (autoimmunity)
Yehuda Shoenfeld, Tel-Aviv University, Israel

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

Title: Regulation and function of immunosuppressive myeloid cells in systemic autoimmunity
Trine N Jorgensen, Lerner Research Institute, USA
Title: The role of TLR7 in spontaneous germinal center formation and the development of autoimmunity
Zia Rahman, Penn State University College of Medicine, USA

Title: Dengue infection: Cytokine profiles and modulation of the micro vascular endothelium
Shamala Devi Sekaran, University of Malaya, Malaysia

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

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

Title: Characteristics of allergy in autoimmune thyroid diseases
Ildikó Molnár, EndoMed, Hungary

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

Lunch Break

Title: Clinical advances of anti-TIF1γ autoantibody in a Hungarian myositis cohort
Melinda Nagy-Vincze, University of Debrecen, Hungary

Title: Memory NK cells during mousepox infection
Min Fang, Chinese Academy of Sciences, China

Title: Impact of malaria on immunohaematological parameters of pregnant women infected with malaria parasites at Federal Teaching Hospital Abakaliki, Ebonyi State
Moses Nnaemeka Alo, Federal University, Nigeria

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

Title: 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

Marlous Dillingh, Centre for Human Drug Research, The Netherlands

Title: 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

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

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

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

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

Title: 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

Poster Presentations @ Foyer
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

Title: In pursuit of the unknown: Standardizing endpoint assays for evaluating complex immunological signatures
David A Hokey, Aeras, USA

Title: Circulating plasmablasts from patients with rheumatoid arthritis preferentially produce anti-citrullinated protein antibodies
Kaihong Su, University of Nebraska Medical Center, USA

Title: Hyaluronidase, hyaluronan and inflammation: Answers from the air pouch
John Huang, Halozyme Therapeutics Inc., USA

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

Title: Foot orthoses in children with juvenile idiopathic arthritis: A randomized controlled trial
Andrea Coda, University of Newcastle, Australia

Coffee Break

Title: The role of nutrition and functional medicine to alleviate the symptoms of lupus
Margaret A Romero, Columbia University School of Nursing, USA

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

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

Title: 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

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

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

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

Lunch Break

Title: 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

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

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

Closing Ceremony