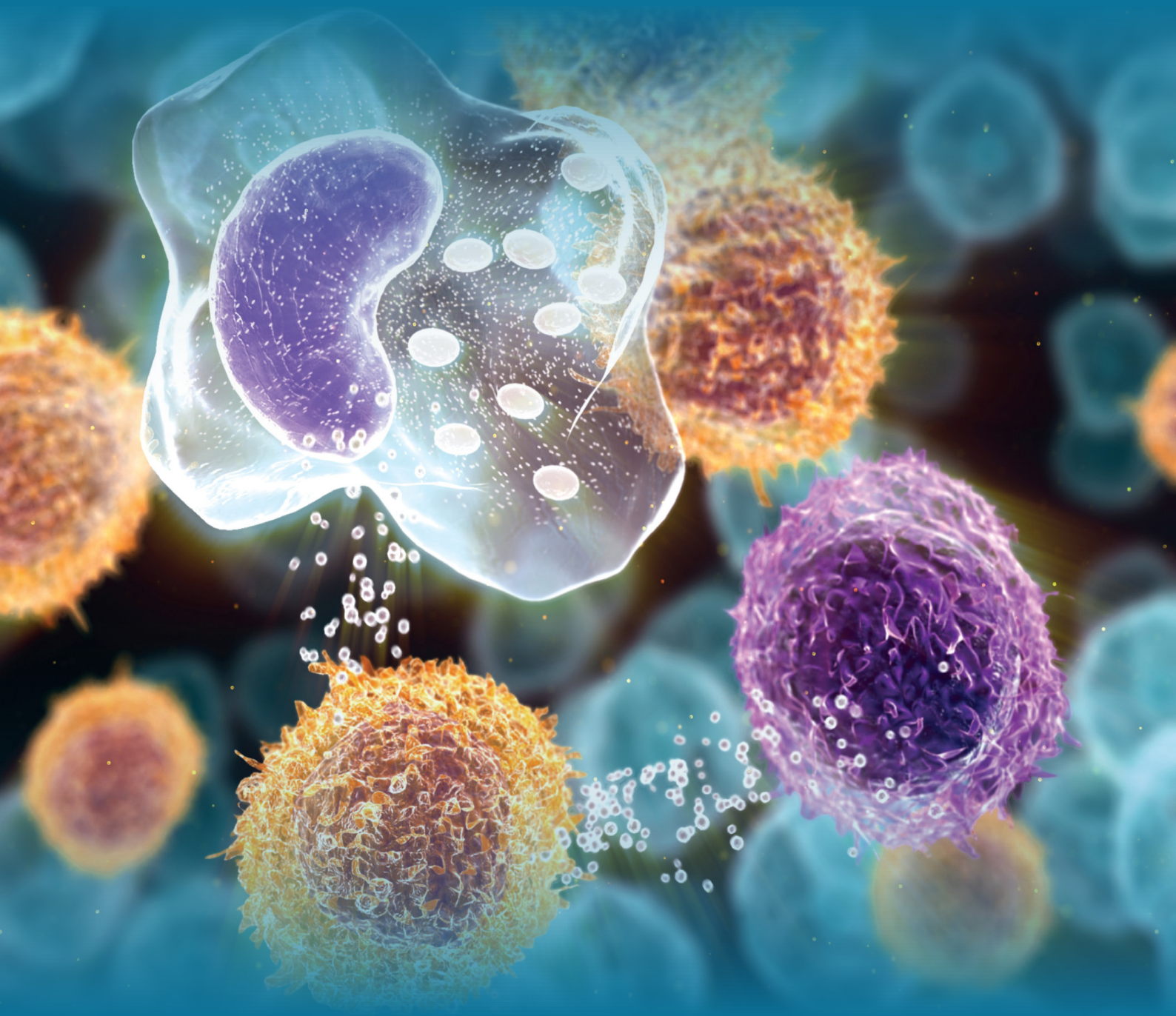


Scientific Program

4th International Conference and Exhibition on **IMMUNOLOGY**

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



OMICS International Conferences

2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA

Ph: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

Email: immunology@conferenceseries.com; immunology@omicsgroup.com

Scientific Program

Day 1

September 28, 2015

08:00-08:30 Registrations

Windsor - I



08:30-08:55

Opening Ceremony

Keynote Forum

08:55-09:00 Introduction

09:00-09:30 **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

09:30-10:00 **Title: The provocative issue of tumor genomic heterogeneity with respect to active and passive immunotherapy**

Michael G Hanna, Vaccinogen, Inc., USA

10:00-10:30 **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 10:30-10:45 @ Windsor-III

10:45-11:15 **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

11:15-11:45 **Title: Intestinal and lung inflammation cause systemic genotoxicity throughout the body**

Robert H Schiestl, University of California, USA

Symposium

11:45-12:15 **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: **Kamalakaran Rajasekaran**, Blood Research Institute, USA

Session Introduction

12:15-12:35 **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**

Kamalakaran Rajasekaran, Blood Research Institute, USA

12:35-12:55 **Title: Imaging in cancer immunology: Phenotyping of multiple immune cell subsets *in-situ* in FFPE tissue sections**

Kristin Schmidt, Perkin Elmer, USA

12:55-13:15 **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

14:15-14:35	Title: Genetic features of NO generating systems and resistant to Ehrlich carcinoma Malyshev Igor , Moscow State University of Medicine and Dentistry, Russia
14:35-14:55	Title: Tumour arginine addiction subverts the anti-cancer immune response Francis Mussai , University of Birmingham, UK
14:55-15:15	Title: Expression of immunoglobulin gamma heavy chain gene in acute myeloid leukemia C Cameron Yin , The University of Texas MD Anderson Cancer Center, USA
15:15-15:35	Title: Batf is essential for IL-4 expression in T follicular helper cells Nurieva Roza Insafetdinovna , University of Texas MD Anderson Cancer Center, USA
15:35-15:55	LFA-1/ICAM-1 ligation in T-cells influences both Notch and TGF-β pathways Navin K Verma , Nanyang Technological University, Singapore
15:55-16:15	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

16:30-16:50	Title: Mym1 epigenetically regulates B1 cell proliferation via targeting miR150 Xiao-Xia Jiang , Institute of Basic Medical Science, China
16:50-17:10	Title: Heterogeneous tumor stroma and prostate carcinogenesis Omar E Franco , NorthShore University HealthSystem Research Institute, USA
17:10-17:30	Title: Immune modulation in children in South Africa, a practical approach Pieter Rousseau Fourie , Stellenbosch University, South Africa
17:30-17:50	Title: Differences in cytokine concentrations in maternal serum and umbilical cord blood may be related to placental exchange control mechanisms Estibalitz Laresgoiti-Servitje , Tecnológico de Monterrey, Mexico
17:50-18:10	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
18:10-18:30	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

09:00-09:30	Title: Targeting the elusive sézary cell Madeleine Duvic , The University of Texas MD Anderson Cancer Center, USA
09:30-10:00	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, USASession Chair: **Yongqun Oliver He**, University of Michigan Medical School, USA

Session Introduction

10:00-10:20	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
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10:20-10:40	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 <i>Clostridium difficile</i> infection in mice Xingmin Sun , Tufts University, USA
Coffee Break 10:40-10:55@ Windsor-III	
10:55-11:15	Title: The role of IL-17A in postmenopausal inflammatory events, such as in osteoporosis Ildikó Molnár , Immunoendocrinology and Osteoporosis Centre, Hungary
11:15-11:35	Title: Cytokines pattern of Multiple Sclerosis patients treated with Apitherapy Ahmed G Hegazi , National Research Center, Egypt
11:35-11:55	Title: Should therapeutic agents for sepsis target the glycocalyx? Seema Bhargava , Sir Ganga Ram Hospital, India
11:55-12:15	Title: The inflammasome: Critical roles in intestinal homeostasis Hasan Zaki , University of Texas Southwestern Medical Center, USA
12:15-12:35	Title: Loss of HS1 inhibits neutrophil extravasation during inflammation via disturbed PKA signaling Michael Schnoor , CINEVISTAV-National Polytechnic Institute, Mexico
12:35-12:55	Title: Fanconi anemia: Immune deficiency and susceptibility to cancer Maria da Graça Justo Araujo , State University of Rio de Janeiro, Brazil
Lunch Break 12:55-13:55 @ Windsor-III	
13:55-14:15	Title: Renin angiotensin system and malaria: New aspects in the pathogenesis of the disease Ana Acacia Pinheiro , Instituto de Biofísica Carlos Chagas Filho, Brazil
14:15-14:35	Title: Usefulness of initial single intravenous immunoglobulin therapy for Kawasaki disease Toshimasa Nakada , Aomori Prefectural Central Hospital, Japan
14:35-14:55	Title: Molecular impact induced by different shaped graphene oxide on immune cells Lucia Gemma Delogu , University of Sassari, Italy
14:55-15:15	Title: Effect of dietary supplementation of <i>Bacillus subtilis</i> and <i>Terribacillus saccharophilus</i> on the innate immune responses of a tropical freshwater fish, <i>Labeo rohita</i> Kalarani Varada , Sri Padmavati Mahila Visvavidyalayam (Women's University), India
15:15-15:35	Title: Innate immunity in cardiology: Vessel and valve Ming-Yow Hung , Taipei Medical University, Taiwan
15:35-15:55	Title: A TSPO ligand Ro5-4864 as an inhibitor of NLRP3 inflammasome Seong-Woon Yu , Daegu Gyeongbuk Institute of Science and Technology, Korea
15:55-16:15	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 16:15-16:30@ Windsor-III	
16:30-18:00	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
16:00-17:00	Poster Session @ Gallery
Poster Judge: Charles J Malemud , Case Western Reserve University School of Medicine, USA	
IMMP01	Title: Seroprevalence of <i>Helicobacter pylori</i> 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 in Pakistani SLE patients
	Nageen Hussain , University of the Punjab, Pakistan
IMMP03	Title: Peptide based treatment for neutralising LPS in septicemia and controlling the release of proinflammatory cytokines
	Madhuri Padala , University College of Science, India
IMMP04	Title: <i>In vitro</i> evaluation of the comprehensive antimicrobial and antioxidant properties of <i>Curtisia dentata</i> (Burm. f) C.A. Sm: Toxicological effect on the human embryonic kidney (HEK293) and human hepato-cellular carcinoma (HepG2) cell lines
	Victor Olugbenga Fadipe , University of Zululand, South Africa
IMMP05	Title: Antibodies against epitopes on HN domain of botulinum neurotoxin- A protect against toxin poisoning
	Ayyar Balasubramaniam Vijayalakshmi , Baylor College of Medicine, USA
IMMP06	Title: Immunopathogenesis of swine neurocysticercosis after anti-parasitic therapy
	Satyendra Kumar Singh , Sanjay Gandhi Postgraduate Institute of Medical Sciences, India
IMMP07	Title: Novel peptide inhibitors of human tumor necrosis factor-α: Molecular modelling and <i>in-vitro</i> assays
	Debasis Sahu , CSIR-Institute of Genomics and Integrative Biology, India
IMMP08	Title: Administration of fermented cheese whey to apparently healthy albino rats caused an increase in the population of the cells of the immune system
	Tinuola Tokunbo Adebolu , The Federal University of Technology, Nigeria
IMMP09	Title: Immunomodulatory anti-CD6 monoclonal antibody, itolizumab produces long term remission and sustains improved quality of life in chronic moderate to severe plaque psoriasis: Results from a 52 week, double blind, randomized withdrawal, placebo controlled trial
	Girish S Naik , Biocon Research Limited, India
IMMP10	Title: Study the role of Urotensin II as a predictor for hepatorenal syndrome
	Reda M El Badawy , Banha University, Egypt
IMMP11	Title: Diabetes mellitus is one cause for low immunity, so diabetes patients are risk factors for delay awakening after general anesthesia
	Zekariyas Tadesse Asfaw , Debra Berhan Referral Hospital, Ethiopia
IMMP12	Title: Cancer-specific CTL Expansion with ZYX Bioreactor
	Yongxin Zhang , Zyxell Inc., USA
IMMP13	Title: Specific immune tolerance to spinal antigens as a protective strategy in rats with traumatic spinal cord injury
	Lorena Martínez Alcantar , Universidad Michoacana de San Nicolás de Hidalgo, Mexico

e-Posters

IMMeP01	Title: Splenic CD11c(+) cells derived from semi-immune mice protect naïve mice against experimental cerebral malaria
	Lam Quoc Bao , Nagasaki University, Japan
IMMeP02	Title: A case of mixed connective tissue disease (MCTD) associated with perforated nasal septum, heliotrope rash and atypical presentation responding to pulse therapy
	Asaad T Abdelhalim , Omdurman Islamic University School of Medicine, Sudan
IMMeP03	Title: $\gamma\delta$ T cells expansion and function stimulated with IL-18: Role of NK cells
	Atif SM Idrees , Alneelain University, Sudan
IMMeP04	Title: Chromo endoscopy associated with endoscopic laryngeal surgery for treatment of recurrent respiratory papillomatosis (Phase II)
	Rey Caro Daniel Gonzalo , Chutro Clinic in Cordoba, Argentina

Day 3 September 30, 2015

Windsor - I

08:30-09:00	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

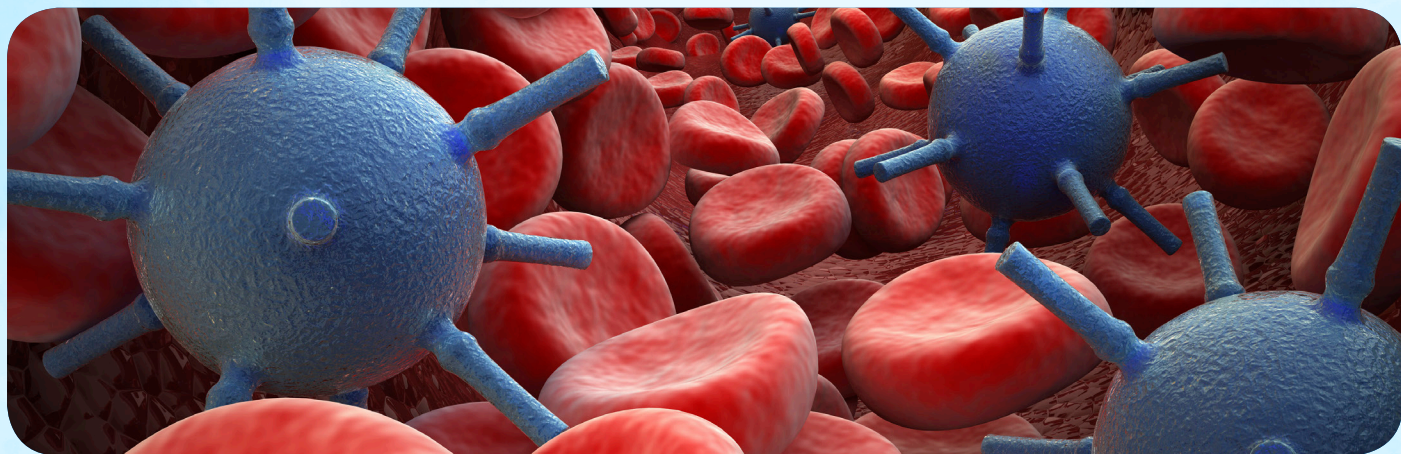
Session Introduction

09:00-09:20	Title: Innovative diagnostic approach in primary immune deficiencies
	Michelle Tseng , Amerimmune Immunology Diagnostic Laboratory, USA
09:20-09:40	Title: Vaccinia virus MVA as vector-vaccine strategy to modulate immune responses against Papillomavirus
	Ricardo Rosales , Virolab S de RL de CV, Mexico
09:40-10:00	Title: The neuroimmunological basis of long-term behavioral sequelae in bacterial meningitis
	Tatiana Barichello , The University of Texas Health Science Center at Houston, USA
10:00-10:20	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 10:20-10:35@ Windsor-III

10:35-10:55	Title: The effect of bee venom on rheumatoid arthritis patients
	Ahmed G Hegazi , National Research Center, Egypt
10:55-11:15	Title: Human neonates display altered ex vivo monokine production related to healthy adults
	Paulo R Z Antas , Oswaldo Cruz Institute-Fiocruz, Brazil
11:15-11:35	Title: The structural and molecular insights into natural killer T cell receptor (NKT) and CD1d-glycolipid recognition
	Praveena Thirunavukkarasu , Monash University, Australia
11:35-11:55	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

11:55-12:15	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
12:15-12:35	Title: Standing up against antibiotic resistance with synergistic approach Sadaf Hasan , Aligarh Muslim University, India
12:35-12:55	Title: NOS1-derived nitric oxide promotes NF-κB 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
12:55-13:15	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 13:15-14:15@ Windsor-III	
14:15-14:35	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
14:35-14:55	Title: Role of CXCL4 in neutrophil accumulation and tissue injury in severe acute pancreatitis Mohammed Yousif Merza , Lund University, Sweden
14:55-15:15	Title: Standardized approach versus traditional approach in management of fever in children less than five years Abdel-Azeem M El-Mazary , Minia University, Egypt
15:15-15:35	Title: Activity Peak of <i>in vitro</i> Expanded Immunocytes Yongxin Zhang , Zyxell Inc., USA
15:35-15:55	Title: <i>In-vitro</i> 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	



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5th International Conference and Exhibition on

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OMICS International
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
contact@omicsgroup.com

OMICS Publishing Group
5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744
Fax: +1-650-618-1414
contact.americas@omicsonline.org

OMICS Group
SEZ Unit, Building No. 20, 9th Floor
APIIC Layout, HITEC City
Hyderabad-500081, Telangana, INDIA
Ph: 040-40131823, 040-47482222
contact.asiapacific@omicsonline.org

Toll free
USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048