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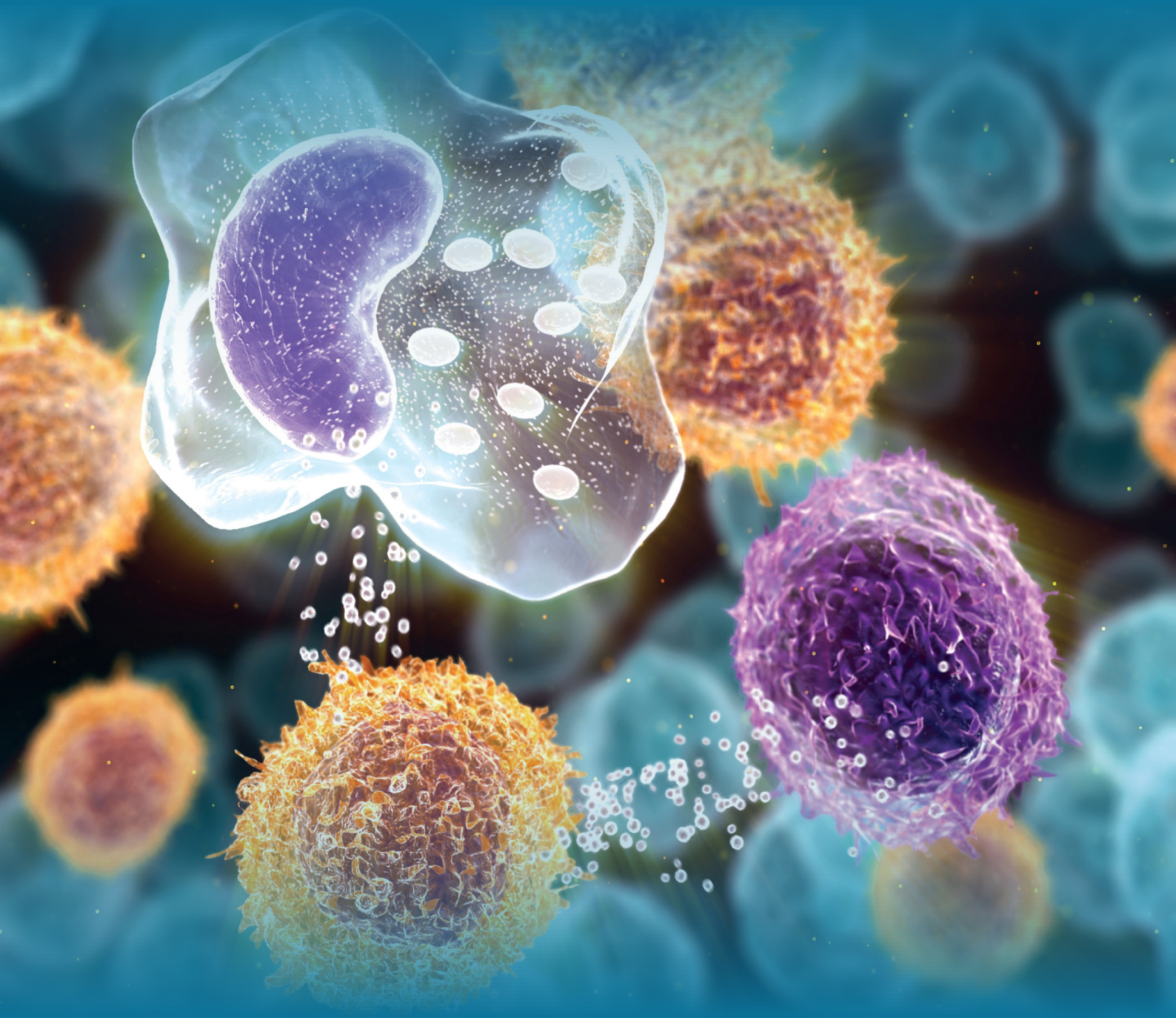
386th OMICS Group Conference

Scientific Program

4th International Conference and Exhibition on

IMMUNOLOGY

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



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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 **Blockade of recombinant human IL-6 with tocilizumab inhibits matrix metallo proteinase-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 **The provocative issue of tumor genomic heterogeneity with respect to active and passive immunotherapy**

Michael G Hanna, Vaccinogen, Inc., USA

10:00-10:30 **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 **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 **Intestinal and lung inflammation cause systemic genotox icity 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: Kamalakannan Rajasekaran, Blood Research Institute, USA

Session Introduction

12:15-12:35 **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

12:35-12:55 **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 **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

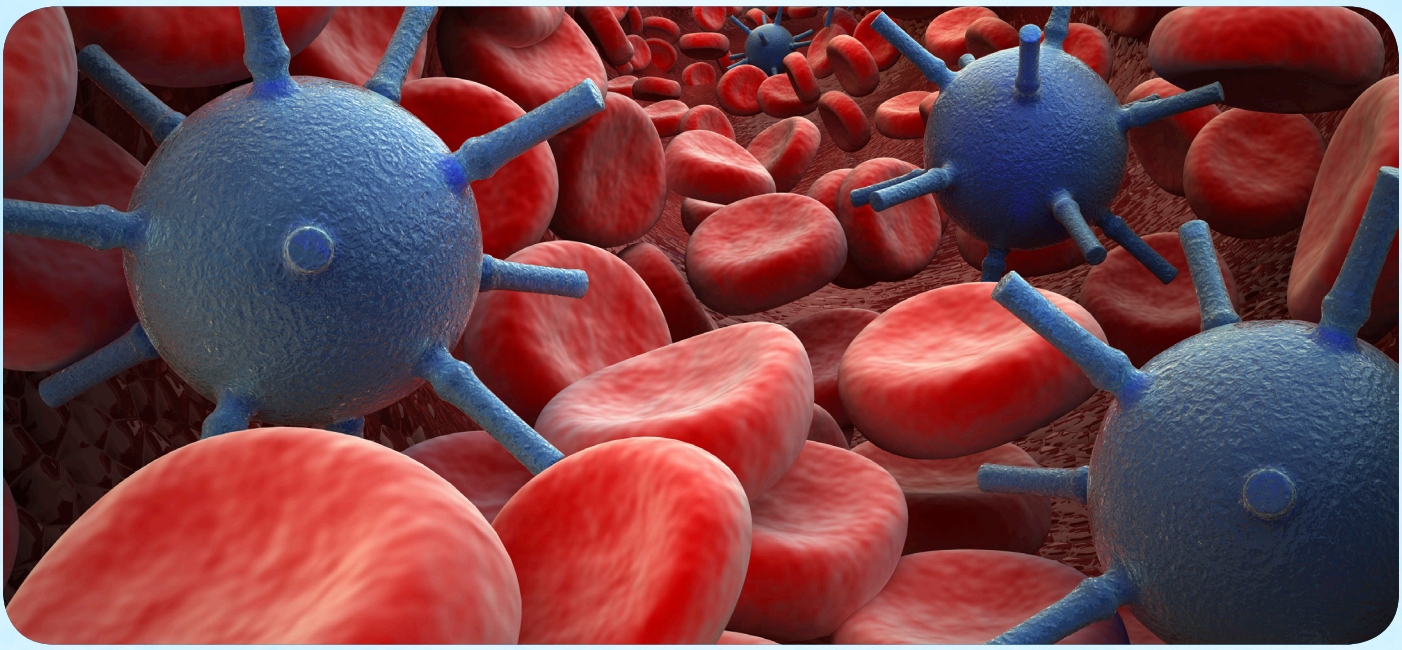
	Lunch Break 13:15-14:15 @ Windsor-III
14:15-14:35	**Genetic features of NO generating systems and resistant to Ehrlich carcinoma**
	Malyshev Igor, Moscow State University of Medicine and Dentistry, Russia
14:35-14:55	**Tumour arginine addiction subverts the anti-cancer immune response**
	Francis Mussai, University of Birmingham, UK
14:55-15:15	**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	**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	**Characterization of intestinal inflammation-induced systemic genotoxicity and its potential use as a biomarker of disease activity**
	Robert H Schiestl, University of California, USA
	Coffee Break 16:15-16:30 @ Windsor-III
16:30-16:50	**Mysm1 epigenetically regulates B1 cell proliferation via targeting miR150**
	Xiao-Xia Jiang, Institute of Basic Medical Science, China
16:50-17:10	**Heterogeneous tumor stroma and prostate carcinogenesis**
	Omar E Franco, NorthShore University HealthSystem Research Institute, USA
17:10-17:30	**Immune modulation in children in South Africa, a practical approach**
	Pieter Rousseau Fourie, Stellenbosch University, South Africa
17:30-17:50	**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	**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	**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	**Targeting the elusive sézary cell** **Madeleine Duvic,** The University of Texas MD Anderson Cancer Center, USA
09:30-10:00	**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
10:00-10:20	**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

10:20-10:40	**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 10:40-10:55@ Windsor-III
10:55-11:15	**The role of IL-17A in postmenopausal inflammatory events, such as in osteoporosis**
	Ildikó Molnár, Immunoendocrinology and Osteoporosis Centre, Hungary
11:15-11:35	**Cytokines pattern of Multiple Sclerosis patients treated with Apitherapy**
	Ahmed G Hegazi, National Research Center, Egypt
11:35-11:55	**Should therapeutic agents for sepsis target the glycocalyx?**
	Seema Bhargava, Sir Ganga Ram Hospital, India
11:55-12:15	**The inflammasome: Critical roles in intestinal homeostasis**
	Hasan Zaki, University of Texas Southwestern Medical Center, USA
12:15-12:35	**Loss of HS1 inhibits neutrophil extravasation during inflammation via disturbed PKA signaling**
	Michael Schnoor, CINEVISTAV-National Polytechnic Institute, Mexico
12:35-12:55	**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	**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	**Usefulness of initial single intravenous immunoglobulin therapy for Kawasaki disease**
	Toshimasa Nakada, Aomori Prefectural Central Hospital, Japan
14:35-14:55	**Molecular impact induced by different shaped graphene oxide on immune cells**
	Lucia Gemma Delogu, University of Sassari, Italy
14:55-15:15	**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
15:15-15:35	**Innate immunity in cardiology: Vessel and valve**
	Ming-Yow Hung, Taipei Medical University, Taiwan
15:35-15:55	**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	**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
	Role of cytokines in Apitherapy
	Ahmed G Hegazi, National Research Center, Egypt
	Innovative effects of bee venom therapy on lyme disease: A pioneering study
	Amber Rose, (Board Certified NCCAOM), LMSW, USA
	Therapeutic modality employing bee venom acupuncture for controlling of chronic low back pain
	Aliaa El Gendy, National Research Center, Egypt
	Honey as nutrient and functional food
	Maha M Saber, National Research Center, Egypt
	Anti-allergic effect of bee venom in an allergic rhinitis
	Magdy I Al-Shourbagi, Sharm El Sheikh International Hospital, Egypt
	Bee venom acupuncture in different neurological illness and its immune modulation
	Mona Mostafa Farid Ganem, National Research Center, Egypt

	Apitherapy in immune mediated disorders
	Ehab Kamal, National Research Center, Egypt
	Influence of some forage protein on goat immune response
	Walid M A Sadek, Agricultural Research Center, Egypt
	Honey as antioxidant agent
	Eitedal Mahmoud Daoud, National Research Center, Egypt
Day 3 September 30, 2015	
Windsor - I	
08:30-09:00	**Special Sessioin 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	**Innovative diagnostic approach in primary immune deficiencies**
	Michelle Tseng, Amerimmune Immunology Diagnostic Laboratory, USA
09:20-09:40	**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	**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	**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	**The effect of bee venom on rheumatoid arthritis patients**
	Ahmed G Hegazi, National Research Center, Egypt
10:55-11:15	**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	**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	**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	**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	**Standing up against antibiotic resistance with synergistic approach**
	Sadaf Hasan, Aligarh Muslim University, India

12:35-12:55	**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
12:55-13:15	**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	**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	**Role of CXCL4 in neutrophil accumulation and tissue injury in severe acute pancreatitis**
	Mohammed Yousif Merza, Lund University, Sweden
14:55-15:15	**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	**Activity Peak of *in vitro* Expanded Immunocytes**
	Yongxin Zhang, Zyxell Inc., USA
15:35-15:55	***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



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