Day 1 November 02, 2017

08:00-08:30 Registrations

08:30-08:35 Introduction

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conferenceseries.com 08:35-09:00

Opening Ceremony

Keynote Forum

09:00-09:30 **Title: Interleukin-6-mediated signal transduction in autoimmune disorders**
Charles J Malemud, Case Western Reserve University, USA

09:30-10:00 **Title: CD8+ treg in health and primary immunodeficiency diseases**
Sudhir Gupta, University of California Irvine, USA

10:00-10:30 **Title: Paraneoplastic antigens as biomarkers for early detection and prediction of recurrence of ovarian cancer**
Michael Andrew Tainsky, Wayne State University, USA

10:30-11:00 **Title: Designing tumor immunotherapy amidst tumor heterogeneity**
Periasamy (Selva) Selvaraj, Emory University School of Medicine, USA

Panel Discussion

Networking & Refreshments Break: 11:00-11:20

11:20-11:50 **Title: The neuroimmunomodulation theory of Alzheimer´s disease**
Ricardo Maccioni, University of Chile, Chile

Group Photo

Sessions:
Novel Vaccines for Infectious Diseases | Immunology and Diabetes | Cancer and Tumor Immunobiology | Neuroimmunology | Novel Vaccines for Cancer | Mucosal immunology

Session Chairs:
Charles J Malemud, Case Western Reserve University, USA
Martin J D'Souza, Mercer University, USA

11:50-12:10 **Title: Lipocalin2, an innate immune protein, deficiency pre-dispose mice to pro-inflammatory condition**
Rangaiah Shashidharamurthy, Philadelphia College of Osteopathic Medicine, USA

12:10-12:30 **Title: Novel particulate vaccines for infectious diseases**
Martin J D'Souza, Mercer University, USA

12:30-12:50 **Title: Cationic pDNA vaccines for immuno-contraception and rabies control**
Amit Bansal, Mercer University, USA

12:50-13:10 **Title: Optimizing DC targeting by activation of the three signal pathway for immunotherapy in Melanoma**
Bernadette D'Souza, Samford University, USA

Panel Discussion

Networking & Lunch Break: 13:10-13:55 @

13:55-14:15 **Title: Immunotherapeutic approaches for the treatment of drug addiction**
Keegan Braz Gomes, Mercer University, USA

14:15-14:35 **Title: Evaluation of a matrix protein virus-like particle (M2e VLP) subunit vaccine for Influenza**
Kimberly Braz Gomes, McMaster University, Canada

14:35-14:55 **Title: Formulation and evaluation of novel particulate vaccine against Gonorrhea**
Lotika Bajaj, Mercer University, USA

14:55-15:15	**Title: Design and development of ovarian cancer vaccines** **Rikhav P Gala,** The University of New Mexico, USA
15:15-15:35	**Title: Adjuvanted allogeneic breast cancer vaccine: Maximizing cancer treatment by modulating the host immunity** **Nihal S Mulla,** Drake University, USA
15:35-15:55	**Title: Bio-fabrication and evaluation of alginate chitosan microcapsules of insulin secreting β TC-6 cells in the treatment of type 1 diabetes mellitus** **Amit Bansal,** Mercer University, USA

Panel Discussion

Networking & Refreshment Break 15:55-16:15 @

16:15-16:35	**Title: Formulation and testing of novel particulate vaccines for Measles** **Rikhav P Gala,** The University of New Mexico, USA
16:35-16:55	**Title: Development and characterization of a microparticulate vaccine formulation for metastatic breast cancer** **Rokon Uz Zaman,** Mercer University, USA
16:55-17:15	**Title: Promising immunotherapeutic strategies for RSV infection** **Sucheta D'Sa,** Charles River Laboratories, USA

Panel Discussion

Day 2 November 03, 2017

Hall

Keynote Forum

09:00-09:05	**Introduction**
09:05-09:35	**Title:** **Martin J D'Souza,** Mercer University, USA
09:35-10:05	**Title: Cytokines pattern of rats infected with *Toxoplasma Gundii* and supplemented with *Capparis Spinosa* honey** **Ahmed Gaffer Hegazi,** National Research Center, Egypt
10:05-10:35	**Title: Aging, pathogen-specific vaccines and chronic inflammation: Bases for 'Mild', 'Moderate' and 'Severe' immune disorders including site-specific cancers** **Mahin Khatami,** NCI/NIH (Retired), USA

Panel Discussion

Networking & Refreshment Break 10:35-10:55

Workshop

10:55-11:40	**Title: Chronic immuno-inflammatory diseases and applications for green tea polyphenols** **Helieh S Oz,** University of Kentucky, USA

Special Session

11:40-12:00	**Title: A mouse ate the Noble Prize** **Sami Bahna,** Louisiana State University Health Sciences Center, USA

Sessions:
Innate Molecular Immunology | Cancer & Cellular Immunotherapy | Innate Immunity & Its Evasion
Cell Mediated Immunity | Apitherapy and Immune System | Clinical Immunology | Immunopathology

Session Chair: Charles J Malemud, Case Western Reserve University, USA

Session Introduction

12:00-12:20	**Title: Immune enhancer of bee propolis** **Ahmed Gaffer Hegazi,** National Research Center, Egypt
12:20-12:40	**Title: Release of miRNA from dietary bacteria stimulates mucosal immunity to viral pathogens** **Carl V Hamby,** New York Medical College, USA

12:40-13:00	**Title: Dissecting the role of fractalkine receptor during EAE: New approach utilizing a humanized animal model** **Sandra Cardona,** University of Texas, USA
	Networking & Lunch Break: 13:00-13:45 @
13:45-14:05	**Title: *Ex vivo*-expanded allogeneic NK cells for treatment of refractory and recurrent lymphoma and solid tumors** **Yu-Kyeong Hwang,** Cell Therapy Research Center, Green Cross Lab Cell Corp., South Korea
14:05-14:25	**Title: Downregulation of allograft inflammatory factor-1 prevents B cell infiltration to cardiac tissue during the development of type 1 diabetes** **Khadija Rafiq,** Thomas Jefferson University, USA
14:25-14:45	**Title: Innate immunity as a pivotal player in mobilization of hematopoietic stem cells from bone marrow into peripheral blood** **Mariusz Z Ratajczak,** University of Louisville, USA
14:45-15:05	**Title: The effect of Azoximer bromide in treatment irritable bowel syndrome** **Masoud Edalati,** Isfahan University, Iran
15:05-15:25	**Title: What about neutrophils and costimulatory molecules?** **Ivon Teresa Clara Novak,** University of Cordoba, Argentina
15:25-15:45	**Title: A high throughput platform for the identification of inhibitors of integrin-mediated TGFβ activation** **Ruihua Chen,** Bristol-Myers Squibb Company, USA
	Networking & Refreshments Break: 15:45-16:05 @
16:05-16:25	**Title: Therapeutic impact of EMAP II and CD13 expression in colorectal cancer** **Manal Mohamed Saber,** Minia University, Egypt
16:25-16:45	**Title: The role of TNF-α, IL-1β and IL-10 gene polymorphisms in resistance to toxoplasmosis infection among aborted women in Sulaimania city** **Latif O Mohammed,** University of Sulaimania, Iraq
	Video Presentations
16:45-17:05	**Title: Complement C5a in nerve regeneration under inflammatory injury** **Seung Chung,** University of Illinois at Chicago, USA
17:05-17:25	**Title:** **Maurilio Toscanode Lucena,** Universidade Federal de Pernambuco, Brasil
	Panel Discussion
	Poster Presentations @ 15:35-16:05
	Title: HSV-1 Herpes virus targets ERAD machinery to assure its replication **Carola Otth,** University Austral of Chile, Chile
	Title: Disruption of gastrointestinal immune function prevented by a yeast fermentate product **Henri Alexandre Giblot Ducray,** Auburn University, USA
	Title: Elevated expression of C/EBPβ in myeloid progenitors during sepsis promotes chronic immunosuppression **Mohamed El Gazzar,** East Tennessee State University College of Medicine, USA
	e-Posters
	Title: PARP-1 inhibition enhances BDNF secretion in dental pulp stem cells derived odontoblast-like cells **Yessenia Valverde,** University of Illinois at Chicago, USA
	Title: Complement C5a promotes odontogenic dental pulp stem cell differentiation **Amer Marachli,** University of Illinois at Chicago, USA
	Panel Discussion
	Awards & Closing Ceremony