

Joint Conference

Proceedings of

9th World Congress and Expo on

IMMUNOLOGY IMMUNITY INFLAMMATION & IMMUNOTHERAPIES

November 02-03, 2017 Atlanta, USA

Conferenceseries LLC - America

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IMMUNOLOGY SUMMIT & INNATE IMMUNITY 2017

Scientific Program

08:00-08:30 Registrations

08:30-08:35 Introduction

Conference Hall: Piedmont I & II

conference**series**.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 @ Piedmont Prefuntion

- 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 @ Pecan

- 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 @ Piedmont Prefuntion

- 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

Conference Hall: Piedmont I & II

Keynote Forum

- 09:00-09:05 **Introduction**
- 09:05-09:35 **Title: Immuno-strategies for cancer treatment including novel particulate cancer vaccines**
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 @ Piedmont Prefuntion

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 Chairs:

Charles J Malemud, Case Western Reserve University, USA
Eduard Rogatsky, Albert Einstein College of Medicine, USA

Session Introduction

- 12:00-12:20 **Title: Immune enhancer of bee propolis**
Ahmed Gaffer Hegazi, National Research Center, Egypt
Ahmed F M Al Gethami, Al Guthami Foundation, Saudi Arabia

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 @ Pecan

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 TGF β activation**

Ruihua Chen, Bristol-Myers Squibb Company, USA

Networking & Refreshments Break: 15:45-16:05 @ Piedmont Prefunton

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-1 β and IL-10 gene polymorphisms in resistance to toxoplasmosis infection among aborted women in Sulaimania city**

Latif O Mohammed, University of Sulaimania, Iraq

Video Presentation

16:45-17:05 Title: **Complement C5a in nerve regeneration under inflammatory injury**

Seung Chung, University of Illinois at Chicago, USA

Panel Discussion

Poster Presentations 17:05-17:40 @ Pecan

IMMP-01 Title: **HSV-1 Herpes virus targets ERAD machinery to assure its replication**

Carola Oth, University Austral of Chile, Chile

IMMP-02 Title: **Disruption of gastrointestinal immune function prevented by a yeast fermentate product**

Henri Alexandre Giblot Ducray, Auburn University, USA

IMMP-03 Title: **Elevated expression of C/EBP β in myeloid progenitors during sepsis promotes chronic immunosuppression**

Mohamed El Gazzar, East Tennessee State University College of Medicine, USA

e-Posters

IMME-01 Title: **PARP-1 inhibition enhances BDNF secretion in dental pulp stem cells derived odontoblast-like cells**

Yessenia Valverde, University of Illinois at Chicago, USA

IMME-02 Title: **Complement C5a promotes odontogenic dental pulp stem cell differentiation**

Amer Marachli, University of Illinois at Chicago, USA

Panel Discussion

Awards & Closing Ceremony