International Conference on

IMMUNITY AND IMMUNOCHEMISTRY

July 01-03, 2019

Exhibitor
MedPro

Venue:
Crowne Plaza Hotel
San Francisco Airport, 1177 Airport Blvd.,
Burlingame, CA 94010

We are excited to use Whova as our event platform. Attendees please download Whova event app.

The event invitation code is: ichuj
Venue-Floor Plan
07:30-07:50    Registration and Badge Pick-Up
07:50-08:00    Welcome Note

**Keynote Session** @ PLAZA III

08:00-08:40    Immunogenic Cell Death: Adjuvant Signals for Eliciting Anticancer Immune Responses
Guido Kroemer, University of Paris, Paris, France

08:40-09:20    Visualizing Antiviral Effector Cells in Lymphoid and Peripheral Tissues
Heather Hickman, Viral Immunity and Pathogenesis Unit, LCIM, NIAID, NIH, USA

09:20-10:00    Commensal Microbiota and the Eye
Rachel Caspi, Immunoregulation Section, NEI, NIH, MD, USA

10:00-10:40    Human αβ TCR Repertoires of CD4+ and CD8+ T cells and their Distinct Age-associated Changes in vivo
Nan-Ping Weng, Laboratory of Molecular Biology and Immunology, NIA, NIH, MD, USA

10:40-10:55    Coffee Break @ Foyer Area

10:55-11:35    Workshop @ PLAZA III
Occult Oral Infection as Cause for “Autoimmune” and Systemic Disease. Ozone Therapy for Immune Modulation
Robert Rowen, Private Medical Practice, Santa Rosa, CA, USA

**Featured Presentations** @ PLAZA III

11:35-12:05    Antigen-Specific Regulation of Activated Diabetogenic CD4+ and CD8+ T Cells by Tregs Induced by Tolerization with Antigen-containing PLG Nanoparticles
Stephen D Miller, Northwestern University Medical School, IL, USA

12:05-12:35    STAT5-mediated Chromatin Interactions in Superenhancers Activate IL-2 Highly Inducible Genes: Functional Dissection of the Il2ra Gene Locus
Warren J Leonard, NHLBI, NIH, MD, USA

12:35-13:05    Unique Formulated Dual Targeting Antigen Specific and miRNA-150 Delivering Suppressive Exosomes Acting at the Immune Synapse
Philip W Askenase, Yale University School of Medicine, CT, USA

13:05-13:45    Lunch @ PLAZA II
CD40-Mediated Signalling Influences Trafficking, T-Cell Receptor Expression, and T-Cell Pathogenesis, in the NOD Model of Type 1 Diabetes
David Wagner, University of Colorado at Denver, CO, USA

Effects of Lactobacillus Strains in a Murine Model of Inflammatory Bowel Disease
Dominic Poulin, Charles River Laboratories, Canada

Evidence of Autoimmunity in a Subset of Patients with Idiopathic Pulmonary Fibrosis
Gerard Hoyne, The University of Notre Dame, Australia

Size Matters: An Actin Barrier Inhibits Lytic Granule Exocytosis from NK Cells in Chediak-Higashi Syndrome
Konrad Krzewski, NIAID, NIH, MD, USA

Gut Dysbiosis Breaks Immunological Tolerance Toward the Central Nervous System During Young Adulthood
Kouichi Ito, Rutgers University, NJ, USA

HHV6 May Facilitate Human Endogenous Retrovirus Activation and ER Stress in Autoimmune Liver Disease
Ekong Udeme, Yale University School of Medicine, CT, USA

Blockade of Critical Immune Regulators Results in Different Roads to Pathogenesis in Primary Sjögren’s Syndrome
Elisaveta Voynova, Medimmune, MD, USA

Interplay Between Human Monocyte-Derived Dendritic Cells and Exosomes from Primary Bronchial Epithelial Cells
Anshu Agrawal, University of California at Irvine, CA, USA

Therapeutic Vaccine CSF-470 plus BCG plus rhGM-CSF for Adjuvant Treatment of High-risk Cutaneous Melanoma Patients: Results from Phase II Study and Immune Responses
Maria Marcela Barrio, Centro de Investigaciones Oncológicas, Fundación Cáncer, Argentina

Dynamic Subcellular Localization of RNA-Binding Protein Arid5a Regulates Inflammatory Responses by its Selective mRNA Stabilization
Kazuya Masuda, Columbia University, NY, USA

Effectiveness of 23-Valent Pneumococcal Polysaccharide Vaccine on Elderly Prostate Cancer Patients: A Population-Based Propensity Score Matched Cohort Study
Wen-Yen Chiou, Dalin Tzu Chi Hospital, Taiwan
Vaccination with Csf-470 Cellular Vaccine Plus Bcg And Gm-Csf Generates a Local and Systemic Proinflamatory Response, With an Increase of Innate and Adaptive Antitumor Immune Effectors
Maria Marcela Barrio, Centro de Investigaciones Oncológicas, Fundación Cáncer, Argentina

Modulation of Autoimmune Arthritis and Immune Cell Activation by Protein Tyrosine Phosphatase SHP-1
Adrienn Markovics, Rush University Medical Center, IL, USA

Cholecystokinin (CCK) Increases SlgA and IgA+ B Cells in Small Intestine of Mice
Juan Morales-Magana, Instituto Politécnico Nacional, Mexico

Extracorporeal Immunopharmacotherapy of Autoimmune Diseases
V.A. Voinov, I.P. Pavlov First St Petersburg State Medical University, Russian Federation

Long-term Response of Metastatic Renal Clear Cell Carcinoma Following a Subcutaneous Injection of Mixed Bacterial Vaccine: A Case Report
Xu Kecheng, Fuda Cancer Hospital of Jinan University, Guangzhou, China

Cancer Cell Derived Nanovesicles to Decorate Microspheres and Elicit Immune Stimulation for Antigen-Presenting Cells
Jihyeon Song, KonKuk University, Korea

Efficient Modifications of Exosomes for Targeted and Efficient Delivery of Immune Stimulators to Lymph Nodes
Jun Yeong Kim, KonKuk University, Korea

Surface Modification of Serum-Derived Exosomes for Improved Intracellular Uptake to Macrophages
Youngjun Kim, KonKuk University, Korea

A Lactic Acid Bacteria (LAB)-Based Vaccine Candidate for Human Norovirus
Jianrong Li, The Ohio State University, OH, USA

Pregnant Case of Common Variable Immunodeficiency (CVID): Are Naïve T Cells and Class-switched Memory (IgD-CD27+) B Cells Not Essential for Establishment and Maintenance of Pregnancy?
Naoya Shigeta, Rinku General Medical Center (RGMC) and Osaka University Graduate School of Medicine, Japan

RNF43 Peptide-related Immune Cell Therapy Combined With Low-dose Cyclophosphamide in Patients with Advanced Solid Tumors in a Phase I Clinical Trial
Yasuki Hijikata, The University of Tokyo, Japan

CD137-CRDI is Not Necessary in the Role of Contacting Its Natural Ligand
Ling Yi, Beijing Chest Hospital, Capital Medical University, China

Treatment of Hepatic Carcinoma Located in the Caudate Lobe of the Liver
Jian-ping Gong, The Second Affiliated Hospital of Chongqing Medical University, China
Day-2 | July 02, 2019

Keynote Session @ PLAZA III

08:00-08:40 Using Alarmins to Develop a Curative Therapeutic Antitumor Vaccine
Joost J Oppenheim
Inflammation Program, NCI/CCR, NIH, MD, USA
Cellular Immunology Section, NIH, MD, USA

08:40-09:20 The IL-7 Pathway in Acute Lymphoblastic Leukemia
Scott K Durum
Cytokines and Immunity Centre, NIH, MD, USA
Cancer and Inflammation Program, NCI/CCR, NIH, MD, USA

09:20-10:00 Treatment and Cure Strategies for WHIM Syndrome Immunodeficiency
Philip M Murphy, Molecular Signaling Section, NIAID/DIR, NIH, MD, USA

10:00-10:15 Coffee Break @ Foyer Area

Featured Presentations @ PLAZA III

10:15-10:45 Design and Evaluation of 4DV3, a CXCR4 Targeting Peptide as an HIV Entry Inhibitor and a Ligand for Targeted Drug Delivery
Patrick J Sinko, Rutgers University, NJ, USA

10:45-11:15 Reverting the Immunosuppressive Tumor Microenvironment With Immune Modulatory Vaccines
Mads Hald Andersen, Copenhagen University Hospital and IO Biotech, Denmark

11:15-11:45 Lung Cancer Signalling Drives Immunosuppressive Responses in the Tumor Microenvironment
Yinling Hu, Cancer and Inflammation Program, NCI/NIH, MD, USA

11:45-12:15 A Multiplex Label-Free Platform for Detecting Human Autoantibodies in Serum
Benjamin Miller, University of Rochester Medical Centre, NY, USA

Scientific Session 2 Cancer Immunology and Immunotherapy @ PLAZA III

Chairs: Scott K Durum, National Institutes of Health, MD, USA
Benjamin Miller, University of Rochester Medical Centre, NY, USA

12:15-12:35 Immunophenotyping of Pediatric Brain Tumors and Therapeutic Implications
Ashley S. Plant, Children’s Hospital, Orange County, CA, USA

12:35-12:55 How p53 Mutations Drive Chronic Inflammation Induced Colon Cancer
Shannon Lauberth, University of California at San Diego, CA, USA

J. Kenneth Hoober, Susavion Biosciences, Inc., AZ, USA

13:15-14:00 Lunch @ PLAZA II
14:00-14:20  Mechanisms by which TGFβ Compromises Response to Therapy
Mary H. Barcellos-Hoff, University of California at San Francisco, CA, USA

14:20-14:40  Using Deep Mutational Scanning to Define and Engineer Receptor-Ligand Interactions
Erik Procko, University of Illinois at Urbana-Champaign, IL, USA

14:40-15:00  Complement and Cancer: An Unexplored C1q/gC1qR Axis as a Potential Therapeutic Target
Berhane Ghebrehiwet, Stony Brook University, NY, USA

15:00-15:20  First-in-class Antibody Targeting Soluble NKG2D Ligand sMIC Enhances Immune Checkpoint Blockade Therapy and Eliminates Therapy Associated Colon Toxicity
Jennifer Wu, Northwestern University, IL, USA

15:20-15:40  Monospecific HLA-E Antibodies for Localization of Tumor-Associated HLA-E and for Augmentation of NK/CD8+ T Cell Anti-Cancer Cytotoxicity
Mepur H Ravindranath, Children’s Hospital Los Angeles, CA, USA
Naren Ravindranath, University of Southern California, CA, USA

15:40-16:00  VSIG-3 as a Ligand of VISTA Inhibits Human T Cell Function
Vassilios Kalabokis, Bio-Technne, MN, USA

16:00-16:15  Networking Break  @ Foyer Area
Chairs:  J. Kenneth Hoober, Susavion Biosciences, Inc., AZ, USA
Ashley Plant, Children’s Hospital, Orange County, CA, USA

16:15-16:35  Patient-Derived Hepatitis C Virus Infects and Productively Replicates in Primary CD4+ and CD8+ T Lymphocytes
Thomas I. Michalak, Memorial University, Newfoundland, Canada

16:35-16:55  HLA-C and HIV-1: A Matter of Stability
Donato Zipeto, University of Verona, Italy

16:55-17:25  Antibody Repertoire Sequencing of Cancer Patients Reveals Potent and Broadly Applicable anti-Tumor Antibodies
Alexander Scholz, Atreca Inc., CA, USA

17:25-17:45  Multiplexed Tissue Imaging for Discovery of Therapeutic Targets on Pancreatic Cancer
Sorah Yoon, Beckman Research Institute of City of Hope, CA, USA

17:45-18:05  Challenges and Opportunities of CAR T cell Therapy for Glioblastoma
Dongrui Wang, City of Hope, CA, USA

18:05-18:25  Reactivation of Memory Cytotoxic T lymphocytes (CTLs) Requires Cytokines
Zhengguo Xiao, University of Maryland, MD, USA
Scientific Session 3  
Immunodiagnostics and Computational Immunology | Concepts in Immunity

Chairs:  
Thomas Michalak, Memorial University, Newfoundland, Canada  
Patrick Sinko, Rutgers University, NJ, USA

08:00-08:20  
When Origin Matters: Redefining the Plasmacytoid Dendritic Cell Subset  
Roxane Tussiwand, NIH/NIDCR, MD, USA

08:20-08:40  
Vaccination with DerG LEAPS Peptide Conjugates Incorporating Distinct PG (aggrecan) Epitopes Protects by Different Immune Mechanisms in the PG G1 Domain Induced Mouse Model of Rheumatoid Arthritis  
Adrienn Markovics, Rush University Medical Center, IL, USA

08:40-09:00  
Reference-based Analysis of Lung Single-Cell Sequencing Reveals a Transitional Profibrotic Macrophage  
Aran Dvir, University of California at San Francisco, CA, USA

09:00-09:20  
From Bench to Bedside: Targeting Stress Hormone Metabolism to Improve Wound Healing in Type 2 Diabetes  
Ana Tiganescu, University of Leeds, UK

09:20-09:40  
Super-Resolution Immunohistochemistry Study on Macrophages and Lymphocytes in Human Cochlea and Endolymphatic Sac  
Wei Liu, Uppsala University Hospital, Sweden

09:40-10:00  
Allogenic Vy9V62 T Cell as New Potential Immunotherapy Drug for Solid Tumor: A Case Study for Cholangiocarcinoma  
Xu Kecheng, Fuda Cancer Hospital of Jinan University, Guangzhou, China

10:00-10:15  
Coffee Break

10:15-10:35  
Heterogeneity of the T Follicular Regulatory Cell Compartment  
Meryem Aloulou, INSERM, France

10:35-10:55  
EBV DNA Alters Treg Programming and Enhances IL-17A Production via TLR9  
Elias A. Rahal, American University of Beirut, Lebanon

10:55-11:15  
Sensitive Quantification of the HIV-1 Reservoir in Gut-associated Lymphoid Tissue  
Sara Moron-Lopez, University of California San Francisco, CA, USA

11:15-11:35  
IL-17A Regulates Tumor Latency and Metastasis in Lung Adeno and Squamous Cancer  
Ran You, University of California San Francisco, CA, USA

11:35-11:55  
Tetraspanins and Their Partners on B Cells  
Jianbo Sun, Sun Yat-Sen University, China
### Scientific Session 4
**Viral Immunology and Vaccines Development | Antibiotics, Antibodies, and Bio-therapeutics**

**Chairs:**
- Joost Oppenheim, National Institutes of Health, MD, USA
- Mary Barcellos-Hoff, University of California at San Francisco, CA, USA

**08:00-08:20**
- **Radiation-Induced Pulmonary Gene Expression Changes are Attenuated by the CTGF Antibody Pamrevlumab**
  - Kenneth Lipson, FibroGen, Inc., CA, USA

**08:20-08:40**
- **Give Refractory NHL and Leukemia the Last Hit**
  - Jianbing Oliver Zhang, Innolifes Inc., CA, USA

**08:40-09:00**
- **A Bispecific Antibody Strategy to Target Multiple Type 2 Cytokines in Asthma**
  - Christophe Blanchetot, ArgenX, Belgium

**09:00-09:20**
- **RSV F and G Sequence Evolution in US and South Africa Over the 2015-2017 Seasons and Its Implications in Antiviral mAb/Vaccine Development**
  - Fiona Fernandes, AstraZeneca, CA, USA

**09:20-09:40**
- **Detection of Adalimumab and anti-Adalimumab Antibodies in Patients with Rheumatoid Arthritis: A Comprehensive Overview of Methodology Pitfalls and Benefits**
  - Saša Čučnik, University Medical Centre Ljubljana, Slovenia

**09:40-10:00**
- **Discovery and Early Clinical Development of Tolerogenic Nanoparticles to Mitigate the Formation of Anti-Drug Antibodies Against Biotherapeutic Drugs**
  - Kei Kishimoto, Selecta Biosciences, MA, USA

**10:00-10:15** **Coffee Break**

**10:15-10:35**
- **Anti-EMMPRIN Immunization Induces Necroptosis and Shifts Macrophage Polarization**
  - Michal A. Rahat, Technion-Israel Institute of Technology, Israel

**10:35-10:55**
- **IL4, IL13, GSTM1 and T1 Variants and Susceptibility to Schistosomiasis and Associated Bladder Pathologies in Eggua, Nigeria**
  - Chiaka Anumude, University of Ibadan, Nigeria

**10:55-11:15**
- **Is Rotavirus Still a Major Cause for Diarrheal Illness in Hospitalized Pediatric Patients After Rotavirus Vaccine Introduction in the Saudi National Immunization Program?**
  - Moustafa Abd El-Aal Hegazi Hassan, Mansoura University Children's Hospital, Egypt

**11:15-11:35**
- **Studying the Interaction of BAFF with its Receptors and Design its Antagonists by Computer-Aided Drug Design**
  - Jian Sun, Tianjin University, China

**12:00-**
- **Lunch and Departures**

---
We Look Forward to Meeting You in San Francisco, CA