Day 1  September 18, 2017
08:30-09:00 Registrations

Salon A

Keynote Forum

09:25-09:30 Introduction

09:30-10:15 Title: The Resurgence of Pertussis: Facts, Fiction, Myths, and Misconceptions
            James D Cherry, University of California, USA

10:15-11:00 Title: Electrophilic Vaccine Strategy for Intractable Diseases Exemplified by HIV/AIDS
            Sudhir Paul, University of Texas - Houston Medical School, USA

Networking and Refreshments @ 11:00-11:20

11:20-12:05 Title: Vaccine for Viral and Oncological Diseases
            Giulio Tarro, Foundation T. & L. de Beaumont Bonelli for cancer research, Italy

Panel Discussions

Sessions: Vaccines & Immunization | Cancer Vaccines & Immunotherapy | Recombinant Vaccines |
Bacterial & Viral Vaccines | Vaccines Preclinical & Clinical Trials

Session Chairs: Giulio Tarro, Foundation T. & L. de Beaumont Bonelli for cancer research, Italy
            Sudhir Paul, University of Texas - Houston Medical School, USA

12:05-12:35 Title: Measles Vaccine Failure in the Present Era
            James D Cherry, University of California, USA
            Title: Orally delivered subunit vaccines: A tool to increase the immune response, increase
            compliance, eliminate the cold chain and lower the cost of immunizations
            John Howard, Applied Biotechnology Institute, USA

Group photo

Lunch Break: 13:05-14:00

14:00-14:30 Title: A single-dose live-attenuated vaccine prevents Zika virus pregnancy transmission and
testis damage
            Pei-Yong Shi, University of Texas Medical Branch, USA
            Title: Catalytic and Irreversible Antibody Technology Platform
            Stephanie Planque, University of Texas - Houston Medical School, USA

14:30-15:00 Title: Designing multivalent immunogens for vaccine optimization
            Catherine H. Schein, University of Texas, USA

15:00-15:30 Title: The search for a tuberculosis vaccine for adults: Why can’t we make progress?
            Robert L Hunter, University of Texas Health Sciences Center

15:30-16:00 Title: Comprehensive analyses of B cell receptor repertoires in response to vaccination and
            infection
            Brandon DeKosky, The University of Kansas, USA
            Title: Synthesis of silver nanoparticles based on waste food material and study of its activity
            as anti-tubercular and dye degrading agent
            Qizhi Cathy Yao, Baylor College of Medicine, USA

16:30-17:00 Title: Update on Canine Influenza in the USA – A One Health Perspective
            Jay Tischendorf, Merck Animal Health, USA

Panel Discussion
# Keynote Forum

## Introduction

**09:30-10:15**  
**Title:** Factors Relation to Death or Survival in Young Infants with Pertussis  
*James D Cherry, University of California, USA*

**10:15-11:00**  
**Title:** Prodrugs as a Strategy for More Effective Anti-Adenovirus Agents  
*Charles E McKenna, University of Southern California, USA*

## Networking and Refreshments @ 11:00-11:20

**11:20-12:05**  
**Title:** Ebola virus GP stalk-specific antibodies from survivors effectively target multiple steps of viral infection  
*Alexander Bukreyev, University of Texas, USA*

## Sessions: Vaccines Preclinical & Clinical Trials | Medical Virology | Viral Immunology | HIV/AIDS Vaccines | HPV & Hepatitis Vaccines | Viral Infections | Modern Technologies in Vaccine Discovery & Development | Immunology and Immunotherapy | Antiviral Research

### Session Chairs: Giulio Tarro, Foundation T. & L. de Beaumont Bonelli for cancer research, Italy  
*Charles E. McKenna, University of Southern California, USA*

## Session Introduction

**12:05-12:35**  
**Title:** Anti-Vaxx Stories: A qualitative study of parents’ beliefs about vaccination  
*Dan Bustillos, University of Washington Bothell, USA*

**12:35-13:05**  
**Title:** mRNA-Lipid Nanoparticles: A potent tool for manipulating neuronal genes  
*Gesine Heuck, Precision NanoSystems Inc., Canada*

## Lunch Break: 13:05-14:00

**14:00-14:30**  
**Title:** Animal Vaccines in a One Health World – An Overview of Veterinary Biologics  
*Jay Tischendorf, Merck Animal Health, USA*

**14:30-15:00**  
**Title:** What drives the cause of the synergistic infections like Legionellosis and influenza  
*Eleni Magira, National and Kapodistrian University of Athens, Greece*

**15:00-15:30**  
**Title:** Immunomonitoring in cancer immunotherapy: Future perspectives  
*Jorge Augusto Borin Scutti, MD Anderson Cancer Center, USA*

**15:30-16:00**  
**Title:** Gene Characteristics of Adults Measles Virus’ Nucleoprotein in Jilin province, China, 2001-2016  
*Shuang Wang, Jilin Provincial Center for Diseases control and prevention, China*

**16:00-16:30**  
**Title:** Anti HIV1 activity of Cleistanthus collinus leaf extracts  
*Remya Mohanraaj, Houston Community College, USA*

**16:30-17:00**  
**Title:** HPV vaccine policy: Women’s health caught in the Iron Triangle  
*Dan Bustillos, University of Washington Bothell, USA*

## Video Presentation

**16:50-17:10**  
**Title:** Prevalence of Cytomegalovirus in Hospitalized Iraqi Under 5 years Children  
*Saifan Al Obaidi, Al-Nahrain University School of Medicine, Iraq*

**17:10-17:30**  
**Title:** Newcastle disease vaccination does not prevent changes in serum calcium and phosphorus levels that lead to drop egg production in laying hens infected with velogenic Newcastle disease virus  
*Amarachukwu O. Igwe, Michael Okpara University of Agriculture, Nigeria*

**17:30-17:50**  
**Title:** Phage therapy: An alternative treatment option for bacterial infections caused by extensively-drug resistant pathogens  
*Aycan Gundogdu, Erciyes University School of Medicine, Turkey*

## Panel Discussion

## Award & Closing Ceremony