

111th Conference Series Conference

Scientific Program

3rd International Conference on

Vaccines & Vaccination

July 29-31, 2013 Embassy Suites Las Vegas, NV, USA

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Conferences Series

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Flamingo Ballroom

Opening Ceremony

Moderator: Haval ShirwanExecutive Editor, Journal of Clinical & Cellular Immunology, Conference Series Inc., USA
University of Louisville, USA**Workshop****Implementing a core team process to maximize efficiencies and minimize costs in the start-up and conduct of clinical trials****Chair Person** Brenda S. Atchison, The Alliance for Multispecialty Research, LLC, USA
Cynthia Dukes, ICON Clinical Research, USA
Evette Riegel, Beardsworth Consulting Group, USA
Cody Towler, Clinical Research Consortium, USA

Group Photo & Coffee Break

Keynote Forum

Introduction

Peter L. Nara

Biological Mimetics, Inc., USA

Ara Hovanessian

CNRS Universite Paris Descartes, France

Malcolm Thomas

Arbovax Inc., USA

Lunch Break

Nikolai Petrovsky

Flinders University, Australia

John Dong

GenPhar Inc., USA

Track 1: Innate and Adaptive Immune Responses to Vaccination**Track 2: Vaccinations Focusing on Induction of B or T cell Responses****Session Chair:** Nikolai Petrovsky, Flinders University, Australia**Session Co-Chair:** Esma S. Yolcu, University of Louisville, USA

Session Introduction

Title: Stabilization and drying of vaccines for novel delivery**Robert E. Sievers**, University of Colorado, USA**Title: Adenovirus vector-induced innate-adaptive protective immunity duo against viral and bacterial infections****De-chu C. Tang**, International Vaccine Institute, Korea**Title: Electric fields and IL-18 synergistically stimulate dendritic cell activity****Xiaoqing Wei**, Cardiff University, UK**Title: Negative vaccination with donor splenocytes engineered with FasL as an effective mean of inducing transplantation tolerance****Esma S. Yolcu**, University of Louisville, USA

Coffee Break

Title: Design and clinical evaluation of a novel self-adjuvanting peptide-based pan influenza A T-cell vaccine**Campbell Bunce**, Immune Targeting Systems Ltd, UK**Title: Strategies for generation of broadly cross-neutralising anti-influenza vaccine responses****Nikolai Petrovsky**, Flinders University, Australia**Title: New strategies to present an anti-candidiasis synthetic glycopeptide vaccine acceptable for human use****Hong Xin**, LSUHSC & Children's Hospital Research Institute, USA**Title: Are there time period-related differences in the prophylactic effects of Bacille Calmette-Guerin intravesical instillation therapy?****: Comparison of Japan and Western countries****Takehiko Okamura**, J.A.Aichi Anjo Kosei Hospital, Japan

Title: Vaccine hyporesponse in healthy elderly subjects is associated with a decrease in B cell IFN responses: Data from functional proteomic analysis using single cell network profiling

Diane Longo, Nodality, USA

Panel Discussion

Cocktails: Sponsored by **Journal of Vaccines & Vaccination @ Atrium**

Day 2 July 30, 2013

Flamingo Ballroom

Track 3: Novel Approaches in Design of Cellular and Molecular-Based Vaccines

Session Chair: Nikolai Petrovsky, Flinders University, Australia

Session Co-Chair: Rajesh Kumar Sharma, University of Louisville, USA

Session Introduction

Title: Applications of the Vaccine Ontology (VO) in vaccine data integration and computer-assisted automated reasoning

Yongqun "Oliver" He, University of Michigan Medical School, USA

Title: Rational design of Synthetic Vaccine Particles (SVP) for therapeutic treatment of chronic diseases

Takashi Kei Kishimoto, Selecta Biociences, USA

Title: Efficacy of a mixture of synthetic peptides overlapping the conserved CBD1 epitope in gp41 of HIV-1 to protect against SHIV162P3 rectal challenge in cynomolgus macaques

Ara Hovanessian, CNRS - Université Paris Descartes, France

Title: Protection against influenza from RActive® technology

Benjamin Petsch, CureVac GmbH, Germany

Title: A novel form of 4-1BB ligand as a potent and safe adjuvant for development of therapeutic cancer vaccines

Rajesh Kumar Sharma, University of Louisville, USA

Title: Correct L1 initiation codon generates immunologically reactive virus-like particles of a novel laboratory mouse papillomavirus (MusPV)

Joongho Joh, University of Louisville, USA

Coffee Break

Title: The T-body approach combining antibody specificity with T cell activity for adoptive vaccination of cancer

Zelig Eshhar, The Weizmann Institute of Science, Israel

Title: Novel non-pyrogenic hydrophobized norAbuMDP and norAbuGMDP analogues for construction of proteoliposome vaccines

Milan Raska, Palacky University, Czech Republic

Title: The pharmacodynamic study and safety evaluation on tuberculosis DNA vaccines

Xueqiong Wu, Institute for Tuberculosis Research, China

Title: Nanoparticles: The next generation delivery vehicle for DNA vaccines

Muhammad Ali A Shah, Southeast University, China

Panel Discussion

Lunch Break

Track 4: Vaccines against Infectious Diseases and Cancers

Session Chair: Haval Shirwan, University of Louisville, USA

Session Introduction

Title: Live attenuated tetravalent dengue virus host range vaccine elicits immune response in African green monkeys

Malcolm Thomas, Arbovax Inc, USA

Title: SA-4-1BBL as a Novel adjuvant for the development of therapeutic vaccines

Haval Shirwan, University of Louisville, USA

Title: Vaccination with an adenoviral vector expressing calreticulin human papillomavirus 16 E7 fusion protein eradicates E7 expressing established tumors in mice

Jorge G. Gomez-Gutierrez, University of Louisville, USA

Title: Plant-derived biopharmaceuticals: Moving plant-derived antibodies and vaccines towards clinical trials

Rainer Fischer, Fraunhofer IME, Germany

Title: Enhancing the efficacy of conventional BCG vaccine

Zakaria Hmama, University of British Columbia, Canada

Title: Vaginal Epithelial Model for testing effectiveness of vaccines and microbicides against STIs

Alwyn Rapose, Reliant Medical Group, USA

Coffee Break

Title: Potent neutralizing antibodies against CMV infection of both fibroblast and epithelial cell infection induced using a multivalent eVLP vaccine candidate

David E Anderson, VBI Vaccines, USA

Title: Intratumoral heterogeneity and identification of tumor initiating cells (TIC) for cancer vaccination

Saroj Basak, University of California Los Angeles, USA

Title: Development of vero cell-based influenza H5N1 vaccines

Min Shi Lee, National Health Research Institutes, Taiwan

Title: Innovations in advanced cancer therapy: Therapeutic vaccines for chronic treatments

Gisela Gonzalez, Center of Molecular Immunology, Cuba

Title: Your vaccine is served; BON APPETIT: An oral DNA carrying nanovaccine targets APC and eradicates melanoma in mice

Pirouz Daftarian, University of Miami, USA

Panel Discussion

Stardust

Young Research Forum

Session Chair: Peter L Nara, Biological Mimetics Inc., USA

Title: Promising horizons: Physicians as HPV vaccine advocates

Sana Shahram, University of British Columbia, Canada

Title: Production and characterization of monoclonal antibodies to Ebola glycoproteins

Humberto Hernandez, University of Texas Medical Branch, USA

Title: Peptide/IFA emulsions limit tumor-specific CD8+ T cells tumor trafficking

Yared Hailemichael, The UT MD Anderson Cancer Center, USA

Title: Tetravalent protein vaccine against Staphylococcus aureus

Nisha Nair, Amrita Centre for Nanosciences and Molecular Medicine, India

Title: RNAi-based characterisation of tegument annexin as a novel vaccine candidate against schistosomiasis

Leow Yee, Queensland Institute of Medical Research, Australia

Title: DNA vaccine encoding Hantavirus Gn, targeted to the MHC class II compartment by LAMP, significantly elicits specific immune responses and induces immune protection against Hantavirus challenge in vivo

Dongbo Jiang, The Fourth Military Medical University, P.R.China

Title: Safety and immunogenicity of an inactivated whole-virion chromatographic vaccine with aluminum against influenza B (H1N1) pdm09: A randomized, blinded, dose-dependent placebo-controlled clinical study

Kaissar Tabynov, Research Institute for Biological Safety Problems, Kazakhstan

Title: Effectiveness of BCG vaccination in preventing tuberculosis

Ahtisham Ul Haq, Service Institute of Medical Sciences, Pakistan

Title: Immunomodulatory functions of defensins, innate molecules, as mucosal adjuvant with the peptide antigens of HIV-1 at the mucosal surfaces

Teena Mohan, All India Institute of Medical Sciences, India

Panel Discussion

Poster Presentations P-001-P-010 @ Riviera

Poster Presentations P-011-P-020 @ Riviera

Cocktails: Sponsored by **Journal of Clinical & Cellular Immunology @ Atrium**

Day 3 July 31, 2013

Flamingo Ballroom

Track 5: Manufacturing, Production, and Development of Vaccines

to Track 9: Age-specific Immune Response to Vaccination

Session Chair: Pedro Reis, AC Immune, Switzerland

Session Introduction

Title: Challenges and exciting solutions to downstream bioprocessing operations for the manufacturing of therapeutic vaccine candidates

Timothy Lee, Latham Biopharm Group, USA

Title: Development of a broad spectrum vaccine against invasive meningococcal disease

Graham Clarke, ImmunoBiology Ltd, UK

Title: SupraAntigen™ technology platform; Manufacturing and development of vaccines for the treatment of Alzheimer disease

Pedro Reis, AC Immune, Switzerland

Title: Immunization in family medicine – experiences from Bosnia and Herzegovina

Zarema Obradovic, University of Sarajevo, Bosnia and Herzegovina

Title: Cost-effectiveness of an additional birth dose of Hepatitis B vaccine to prevent perinatal transmission in medical setting in a developing country (Mozambique)

Vinod Mrithinjayam, Accenture Management Consulting, India

Title: Cost of illness for cholera in a high risk urban area in Bangladesh: An analysis from the household perspective

Abdur Razzaque Sarker, International Centre for Diarrhoeal Disease Research, Bangladesh

Coffee Break

Title: Immunological pattern of Hepatitis B infection among exposed and nonexposed babies in a PMTCT program in low resource setting: Does every exposed newborn require 200IU of hepatitis B immunoglobulin

Joseph Onakewhor, University of Benin Teaching Hospital, Nigeria

Title: Incorporating of immunization course in pharmacy curriculum in Malaysia

Omer Qutaiba B. Al-Ilela, International Islamic University Malaysia, Malaysia

Title: The observation of the immunization effect of hepatitis b vaccine to the newborn with HBeAg positive

Zahng Ping, Tianjin Institute of Liver Diseases, China

Panel Discussion

Award Ceremony

Lunch Break 12:20-13:20 @ Atrium

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Vaccines, Immunization & B2B

September 18-19, 2017 Houston, USA