

44<sup>th</sup> OMICS Group Conference

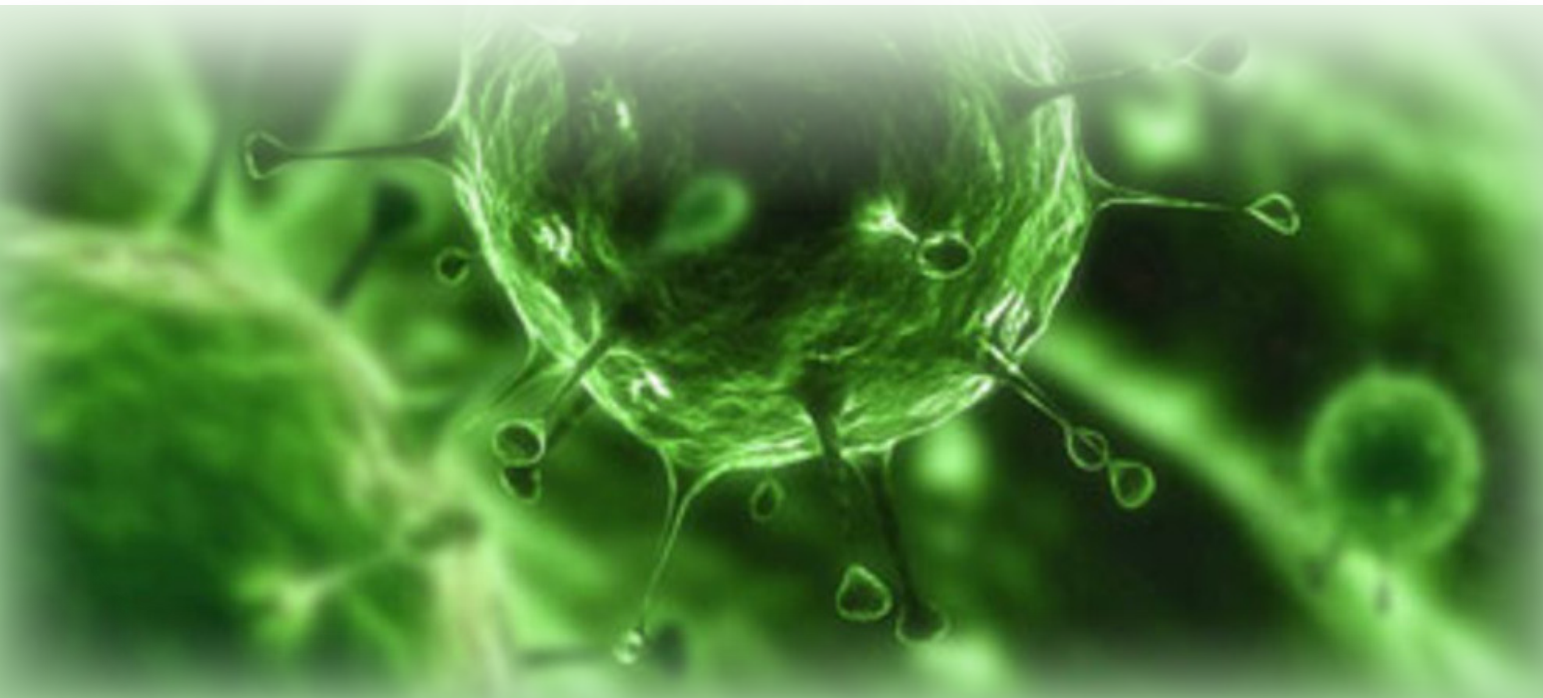
# Scientific Program



2<sup>nd</sup> World Congress on

# Virology

August 20-22, 2012 Embassy Suites Las Vegas, USA



## Acknowledgments

### Organizing Committee

**Pawel S Ciborowski (Chair)**

University of Nebraska Medical Center, USA

**Harold C. Smith**

University of Rochester, USA

**Fatah Kashanchi**

George Mason University, USA

**Pooja Jain**

Drexel University College of Medicine, USA

**David Jans**

Monash University, Australia

**Honglin Luo**

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## Day 1 Aug 20, 2012

7:30-8:30 Registrations

8:30-9:00 Opening Ceremony

Introductory Remarks - Pawel S Ciborowski  
University of Nebraska Medical Center, USA

## Keynote Forum

9:00 - 10:00 Tropicana

Introduction

**Harold C. Smith**

University of Rochester Medical Center, USA

**Title: Systems approaches for understanding the HIV-host functional interface**

**N. J. Krogan**

University of California, USA

## Session-I (10:00 AM-12:00 PM)

Tropicana

10:00

## Track 1.1: Vaccines and Host Cell Responses

**Chair: Radha Maheshwari**

Uniformed Services University of the Health Sciences, USA

**Co-chair: Ralph Tripp**

University of Georgia, USA

Session Overview 10:00 - 10:05

10:05-10:20

**Modulation of interferon pathway by Chloroquine, Tunicamycin, and environmental pollutants: Correlation with the worsening of virus infection**

**Radha Maheshwari**, Uniformed Services University of the Health Sciences, USA

**Title: Proteomic analysis indicates the association of calreticulin down-regulation and cyclophilin A up-regulation with Type I interferon antagonism of Japanese encephalitis virus NS5 protein**

10:20-10:35

**Cheng-Wen Lin**, China Medical University, Taiwan

**Title: Molecular modeling and conformational epitope prediction of nucleocapsid protein region from Japanese encephalitis virus**

10:35-10:50

**A.G. Ingale**, North Maharashtra University, India

Coffee Break 10:50 - 11:00

11:00-11:15

**Title: Novel approaches for inactivation of viruses for the development of second generation vaccine****Paridhi Gupta**, Uniformed Services University of the Health Sciences, USA

11:15-11:30

**Title: Autoimmune diseases; prophylaxis by vaccination against their microbial triggers****Duncan D. Adams**, University of Otago, New Zealand

11:30-11:45

**Title: Development of genetically recombinant rabies vaccine****Muhammad Saleem Haider**, Punjab University, Pakistan

11:45-12:00

**Title: HIV-1 p6 – A novel interaction partner to the host-cellular protein CypA****Sara M. Ø. Solbak**, University of Bergen, Norway

Lunch Break 12:00 - 1:30

10:00

## Track 1.2: Regulation of Viral Infection

Flamingo-2

**Chair: Loyda M. Meléndez**

University of Puerto Rico School of Medicine, Puerto Rico

**Co-Chair: Pawel Ciborowski**

University of Nebraska Medical Center, USA

Session Overview 10:00 - 10:05

- 10:05-10:20 **Title: Cathepsin B: A cysteine protease associated with HIV-neurocognitive disorders and aging**  
Loyda M. Meléndez, University of Puerto Rico School of Medicine, Puerto Rico
- 10:20-10:35 **Title: Early stages of interaction between HIV-1 and human cells**  
Alisa Bukrinskaya, D.I.Ivanovsky Institute of Virology, Russia
- 10:35-10:50 **Title: TBA**  
Bassel Sawaya, Temple University, USA

Coffee Break 10:50 - 11:00

- 11:00-11:15 **Title: Curcumin inhibits rift valley fever virus replication in human cells**  
Aarthi Narayanan, George Mason University, USA
- 11:15-11:30 **Title: Venezuelan Equine Encephalitis Virus interacts with host cellular micro-RNA processing machinery to facilitate viral replication**  
Kylene Kehn-Hall, George Mason University, USA
- 11:30-11:45 **Title: Role of cystatin B/STAT-1 interaction in HIV replication**  
Linda Rivera-Rivera, University of Puerto Rico School of Medicine, Puerto Rico
- 11:45-12:00 **Title: Expression of histone deacetylases and acetyltransferases in HIV-1 infected monocyte-derived macrophages**  
Ariel Burns, University of Nebraska Medical Center, USA

Lunch Break 12:00 - 1:30

## Keynote Forum

1:30 - 2:30 Tropicana

Introduction

**Fatah Kashanchi**

George Mason University, USA

**Title: The tug-of-war between dendritic cells and chronic viral infections**

**Pooja Jain**

Drexel University College of Medicine, USA

Session-II (2:30 PM-5:00 PM)

Tropicana

Track 2.1: Viral Breakout, Transmission and Prevention

**Chair: Andreas Nitsche**

Robert Koch Institute, Germany

Session Overview 2:30 - 2:35

- 2:35-2:50 **Title: Old viruses and new techniques: Investigations of host-range mechanisms of Cowpox viruses.**  
Andreas Nitsche, Robert Koch Institute, Germany
- 2:50-3:05 **Title: The outbreak time distribution feature of the acute infectious disease mainly in asymptomatic infection and the trend prediction skill during the outbreak**  
Jiatong Zhuo, Center for Disease Control and Prevention of Guangxi Zhuang Autonomous Region, China
- 3:05-3:20 **Title: Adherence to antiretroviral therapy and its challenges in people living with HIV and accessing healthcare in a federal medical centre in Nigeria**  
Grace Pennap, Nasarawa State University, Nigeria
- 3:20-3:35 **Title: High rate of transfusion-transmitted virus (TTV) infection in the patients with leukemia**  
Mohammad Javad Kazemi, Islamic Azad University, Iran

Coffee Break 3:35 - 3:45

- 3:45-4:00 **Title: Modeling of dengue fever temporal variations in central Thailand**  
Siriwan Wongkoon, Walailak University, Thailand
- 4:00-4:15 **Title: A 20-years retrospective cohort study of HIV/AIDS situation among hill tribe vulnerable population, Thailand**  
Tawatchai Apidechkul, Mae Fah Luang University, Thailand

**4:15-4:30** Title: **Hepatitis A virus replication in salivary glands: a possible source of HAV transmission**  
**Luciane Almeida Amado Leon**, Instituto Oswaldo Cruz- FIOCRUZ, Brazil

**2:30**

**Track 2.2: Viral Fundamental Mechanisms**

**Flamingo-2**

**Chair: Vicente Planelles**  
University of Utah, USA

**Session Overview 2:30 - 2:35**

**2:35-2:50** Title: **HIV-1 Latency in memory T cells**  
**Vincente Planelles**, University of Utah, USA

**2:50-3:05** Title: **Vpu is responsible for HIV-1 evasion of natural killer cells**  
**Edward Barker**, Rush University Medical Center, USA

**3:05-3:20** Title: **RelA participates in the regulation of the coupling between HCV RNA replication and HCV translation in huh 7.5.1 cells**

**Lumin Zhang**, National Institutes of Health, USA

**3:20-3:35** Title: **Role of SNARE proteins in HIV-1 assembly and release**  
**Anjali Joshi**, Texas Tech University Health Sciences Center, USA

**Coffee Break 3:35 - 3:45**

**3:45-4:00** Title: **Discovery and analysis of cellular elongation factors that are critical for HIV-1 reverse transcription**  
**David Harrich**, Queensland Institute of Medical Research, Australia

**4:00-4:15** Title: **SAMHD1 enzymatic activity toward non-canonical nucleotides**  
**Sarah Amie**, Rochester University, USA

**4:15-4:30** Title: **P-body components LSM1, GW182, DDX3, DDX6 and XRN1 are recruited to WNV replication sites and positively regulate viral replication**  
**Harendra S. Chahar**, Texas Tech University Health sciences center, USA

**4:30-4:45** Title: **Differential expression/stability of core protein during HCV infection and its effect on viral life cycle**  
**Muhammad Sohail Afzal**, National University of Science & Technology, Pakistan

**4:45-5:00** Title: **Influence of pathogen-associated molecular patterns on HIV-1 latency**  
**Alberto Bosque**, University of Utah School of Medicine, USA

**5:30-7:30** **Poster Presentations and Presenters**

**Riviera**

Title: **Intestinal parasitic infections in HIV-positive individuals on HAART and HAART naïve accessing healthcare in a Federal Medical Centre in Nigeria**

**Grace Pennap**, Nasarawa State University, Nigeria

Title: **Prevalence of Toxoplasma, Cytomegalovirus(IgM), Rubella(IgM), Hepatitis C Co-infection and Bacteremia in newly diagnosed and treatment naïve HIV- infected patients attending Apin clinic at Lagos university teaching hospital- a pilot study**

**Adeleye .I.A.**, University of Lagos, Nigeria

Title: **High DNA HTLV-1 proviral load among TSP/HAM patients: A potential marker for disease progression**  
**Adriele Fontes**, University of Sao Paulo, Brazil

Title: **Serological and molecular evaluation of hepatitis B and C viruses in Tehran, Iran**

**Ali .K. Kheirabad**, Hormozgan University of Medical Sciences, Iran

Title: **Study on the functional role of immunoglobulin E as surrogate marker for HIV/AIDS infection**  
**Balaji**, The American College, India

Title: **Dengue Virus type 1 from field-caught vectors and humans in Brazil: Phylogeny reveals different lineages of the American African genotype in 25 Years**

**Marcia Castro**, Instituto Oswaldo Cruz, Fundação Oswaldo Cruz, Brasil

Title: **An improved method to detect bacterial endotoxin in vaccines using the LAL cartridge system**

**Jong-Mi Lim**, Korea Food and Drug Administration, Republic of Korea

Title: **Preliminary evaluation of the immunoenhancement of Newcastle Disease (ND) vaccine formulated as a cationic liposome**

**Onuigbo Ebele Benedette**, University of Nigeria, Nigeria

Title: **Use of a statistical algorithm to classify influenza infection by lung and plasma cytokine and chemokine production profiles**

**James P. Long**, Battelle, USA

**Title: Cell specific gene targeting to the CNS using engineered lentiviruses**

**Michael Fassler**, University of the Negev, Israel

**Title: The latest out breaks of Lassa Fever Virus in Nigeria**

**Ogbonnaya Ogbu**, Ebonyi State University, Nigeria

**Title: Viremia, immune status and demographic factors associated with disease severity during two epidemics of DENV-2 in Rio de Janeiro, Brazil**

**Nunes P.C.G.**, Instituto Oswaldo Cruz, Fundação Oswaldo Cruz, Brazil

**Title: Differential proteomic analysis of purified dengue virus obtained from HepG2 cells infected with varying multiplicity of infection**

**Ting Wang**, Indiana University School of Medicine, Indianapolis

**Title: Transcription interference networks coordinate the expression of pseudorabies virus genes**

**Zsolt Boldogkoi**, University of Szeged, Hungary

**Title: MicroRNAs expression of *Ascocenda orchid* under stress of cymbidium mosaic virus infection**

**Udomporn Petchthai**, Kasetsart University, Thailand

**Title: Presence of HPV in saliva samples of HIV-1-infected subjects**

**Karen O. Gaester**, University of Sao Paulo, Brazil

**Title: Enhanced microarray-based detection of human enteric viruses using cDNA targets**

**Haifeng Chen**, FDA, USA

**Title: Association of HTLV-1 and HCV : Epidemiological and risks of exposure**

**Tatiane Assone**, University of Sao Paulo, Brazil

**Title: Differential proteomic analysis of purified dengue virus obtained from HepG2 cells infected with varying multiplicity of infection**

**Romain Fragnoud**, BioMerieux SA, France

**Title: Characteristics of viruses derived from nude mice with persistent measles infection: An animal model of subacute sclerosing panencephalitis**

**Yusaku Abe**, Fukushima Medical University of Medicine, Japan

**Title: Adapted host infectivity of bovine viral diarrhea virus quasispecies isolated from a persistently infected rabbit kidney cell line**

**Mahmod Muhsen**, Nippon Veterinary and Life Science University, Japan

**Title: Combinatorial antimicrobial peptides exhibit enhanced virucidal properties against vaccinia virus**

**Shilpakala Sainath Rao**, FDA, USA

**Title: Detection of dengue serotypes/genotypes by molecular methods and development of rapid diagnostics**

**Harvinder Singh Dhillon**, Amity University, India

**Title: A new broad spectrum virus diagnostic microarray using random and taxon-specific probes**

**Pierre Schneeberger**, University of Basel, Switzerland

**Title: Investigation of resistance mutations in the HBV DNA samples that isolated from patients with chronic Hepatitis to Nucleoside/Nucleotide analogues by INNO LIPA HBV DR and ultra deep pyrosequencing methods**

**Mese Sevim**, Istanbul University, Turkey

**Title: Cellular protein HAX1 interacts with influenza A virus polymerase PA subunit and impedes its nuclear translocation**

**Won Bo Wang**, National Taiwan University, Taiwan

**Title: CD44 participates in the IP-10 production in cells infected with HCV**

**Takayuki Abe**, University of Miami School of Medicine, USA

**Title: Human Herpes Virus 8 viral Interferon Regulatory Factor 1 protein binds STING to inhibit the host interferon response**

**Alan G. Goodman**, University of Miami School of Medicine, USA

**Title: Inhibition of HIV-1 in Sickle Cell Disease**

**Sergei Nekhai**, Howard University School of Medicine, USA

**Title: Retargeting vesicular stomatitis virus oncolytic vectors to treat Adult T-cell Leukaemia (ATL)**

**Dillon Betancourt**, University of Miami Miller School of Medicine, USA

**Cocktails: Sponsored by Journal of Antivirals & Antiretrovirals**

**7:30 - 9:00**



Day 2 Aug 21, 2012

7:30 - 8:00

Registrations

## Keynote Forum

8:30 - 9:30 Tropicana-1

Introduction

**Pawel Ciborowski**

University of Nebraska Medical Center, USA

**Title: Discovery of novel complexes in infected cells**

**Fatah Kashanchi**

George Mason University, USA

Session-III (9:30 AM-11:30 AM)

Tropicana-1

9:30

Track 3.1: Model Systems and Population to Studies Viral Infectivity

**Chair: Sita Awasthi**

University of Pennsylvania, USA

Session Overview 9:30 - 9:35

9:35-9:50

**Title: Humanized mouse model to study viral infections and evaluate antivirals**

**Sita Awasthi**, University of Pennsylvania, USA

9:50-10:05

**Title: Molecular signatures of Venezuelan equine encephalitis in mice**

**Anuj Sharma**, Uniformed Services University of the Health Sciences, USA

10:05-10:20

**Title: Transient transfection of BeWo cells with a truncated human endogenous retrovirus ERV3 env induces  $\beta$ -hCG**

**Neal S. Rote Case**, Western Reserve University School of Medicine, USA

Coffee Break 10:20 - 10:30

10:30-10:45

**Title: Infectivity of avian Hepatitis E virus isolated from China**

**Qin Zhao**, Northwest A & F University, China

10:45-11:00

**Title: Human Mammary Tumor Virus (HMTV) and cancer**

**Stella Melana**, Mount Sinai School of Medicine, USA

11:00-11:15

**Title: Prognostic and developed scenarios of pandemic flu in Georgia**

**Sophio Beridze**, National Centre for Disease Control and Public Health of Georgia, Georgia

11:15-11:30

**Title: Knowledge, attitude, beliefs and practices about HBV vaccination and universal precautions in healthcare workers of a tertiary care centre in India**

**Varsha Singhal**, AIIMS, India

Lunch Break 12:00 - 1:30

9:30

Track 3.2: Immunology and Viral Pathogenesis

Tropicana-2

**Chair: Ramila Philip**

Immunotope Inc, USA

**Co-chair: Pooja Jain**

Drexel University, USA

Session Overview 9:30 - 9:35

9:35-9:50

**Title: Immunoproteomics analysis of infected cells for the identification of conserved MHC class I-presented virus specific T cell epitopes**

**Ramila Philip**, Immunotope Inc, USA

9:50-10:05

**Title: Unconventional CD8+ T cells (CD4dimCD8bright cells) in anti-HIV immunity and neuropathogenesis**

**Lena Al-Harathi**, Rush University Medical Center, USA

10:05-10:20

**Title: HIV-1 Pathogenesis Env fusogenicity and Coreceptor expression levels determine bystander apoptosis induction**

**Himanshu Garg**, Texas Tech University Health Sciences Center, USA

Coffee Break 10:20 - 10:30

10:30-10:45	<b>Title: Changes in levels of Interleukin-8 in the serum of patients with hepatitis B virus infection correlate with HBe seroconversion and increased levels of Interleukin-8 indicate resistance to IFN-alpha therapy</b> <b>Staffan P.E. Sylavan</b> , Uppsala University Hospital, Sweden
10:45-11:00	<b>Title: TBA</b> <b>John Connolly</b> , Singapore Immunology Network, Singapore
11:00-11:15	<b>Title: Cutting edge application of flow cytometry in virology research</b> <b>Renold Capocasale</b> , FlowMetric Inc., USA

**Lunch Break 12:00 - 1:30**

## Keynote Forum

**1:30 - 2:30 Tropicana-1**

**Introduction**

**David Jans**

Monash University, Australia

**Title: Novel vaccination and therapeutic strategies against respiratory syncytial virus**

**Ralph Tripp**

University of Georgia, USA

**Session-IV (2:30 PM-5:30 PM)**

**Tropicana-1**

**2:30**

**Track 4.1: Therapeutic Development**

**Chair: Zafar Khan**

Drexel University College of Medicine, USA

**Co-Chair: Kylie Wagstaff**

Monash University, Australia

**Session Overview 2:30 - 2:35**

2:35-2:50	<b>Title: DC-SIGN a potential new target for antiretroviral (HTLV/HIV) drug discovery</b> <b>Zafar Khan</b> , Drexel University College of Medicine, USA
2:50-3:05	<b>Title: Broad spectrum anti-virals: viral protein nuclear import as a target?</b> <b>Kylie Wagstaff</b> , Monash University, Australia
3:05-3:20	<b>Title: A kinase inhibitor cocktail as a broad spectrum antiviral</b> <b>Eric M Vela</b> , Battelle, USA
3:20-3:35	<b>Title: HIV, methamphetamine and combination antiretroviral therapy: Profiling of histones modification</b> <b>Pawel Olszowy</b> , University of Nebraska Medical Center, USA

**Coffee Break 3:35 - 3:45**

3:45-4:00	<b>Title: Therapeutic potential of medicinal plants against Hepatitis C virus</b> <b>Usman Ali Ashfaq</b> , Government College University, Pakistan
4:00-4:15	<b>Title: Gold nanoparticle conjugated RSV peptides inhibit virus replication</b> <b>Shree Singh</b> , Alabama State University, USA
4:15-4:30	<b>Title: Polymeric Prodrugs: Recent achievements and general strategies</b> <b>Neeraj Agrawal</b> , Pacific College of Pharmacy, India
4:30-4:45	<b>Title: Effect of traditional Egyptian herbal medicine on treatment of HCV</b> <b>Abdel Khalek H. Younes</b> , Al-Azhar University Teaching Hospitals, Egypt
4:45-5:00	<b>Title: Human Immunodeficiency Virus (HIV-1) Reverse Transcriptase inhibition by extracts of the Phyllanthus emblica</b> <b>Estari Mamidla</b> , Kakatiya University, India

<b>2:30</b>	<b>Track 4.2: Organ and Cell Type - Specific Virology</b>	<b>Tropicana-2</b>
	<b>Chair: Honglin Luo</b> University of British Columbia, Canada <b>Co-Chair: Anand Mehta</b> Drexel University College of Medicine, USA	
<b>Session Overview 2:30 - 2:35</b>		
<b>2:35-2:50</b>	<b>Title: The pro-viral role of autophagy in coxsackievirus-induced myocarditis</b> <b>Honglin Luo</b> , University of British Columbia, Canada	
<b>2:50-3:05</b>	<b>Title: Oncolytic viruses, can Parovirus B19 be naturally oncolytic: Novel clinical evidence indicates it may be oncolytic in leukemic children</b> <b>Janak Kishore</b> , Sanjay Gandhi Post-graduate Institute of Medical Sciences, India	
<b>3:05-3:20</b>	<b>Title: Effects of Hepatitis B virus S protein exposure on sperm membrane integrity and functions</b> <b>Tianhua Huang</b> , Shantou University Medical College, China	
<b>3:20-3:35</b>	<b>Title: Association of human endogenous retroviruses with multiple sclerosis</b> <b>Bjørn A. Nexø</b> , Aarhus University, Denmark	
<b>Coffee Break 3:35 - 3:45</b>		
<b>3:45-4:00</b>	<b>Title: The search for biomarkers of liver cancer: what our failures have taught us</b> <b>Anand Mehta</b> , Drexel University College of Medicine, USA	
<b>4:00-4:15</b>	<b>Title: Concentration Levels of IL-10 and TNF<math>\alpha</math> cytokines in patients with Human Papilloma Virus (HPV) DNA+ and DNA- Cervical Lesio</b> <b>Husham Bayazed</b> , Technical Institute, Iraq	
<b>2:30</b>	<b>Track 4.3: Vaccine Efficacy</b>	<b>Flamingo-2</b>
	<b>Chair: Hua Zhu</b> UMNDJ-New Jersey Medical School, USA <b>Co-Chair: John Connolly</b> Singapore Immunology Network, Singapore	
<b>Session Overview 2:30 - 2:35</b>		
<b>2:35-2:50</b>	<b>Title: Identification of Varicella Zoster virus tissue-tropic genes for developing a neuroattenuated vaccine against chickenpox and shingles</b> <b>Hua Zhu</b> , UMNDJ-New Jersey Medical School, USA	
<b>2:50-3:05</b>	<b>Title: Efficacy of eastern equine encephalitis virus vaccine candidates</b> <b>Pamela J. Glass</b> , U.S. Army Medical Research Institute of Infectious Diseases, USA	
<b>3:05-3:20</b>	<b>Title: Hepatitis B surface antigen variants in voluntary blood donors in Nanjing, China</b> <b>Yonglin Yang</b> , Nanjing Red Cross Blood Center, China	
<b>3:20-3:35</b>	<b>Title : B cell epitope mapping of avian Hepatitis E virus capsid protein</b> <b>En Min Zhou</b> , Northwest A & F University, China	
<b>Coffee Break 3:35 - 3:45</b>		
<b>3:45-4:00</b>	<b>Title: Enigma of HIV control</b> <b>Fallahian F</b> , Tehran University of Medical Sciences, Iran	
<b>4:00-4:15</b>	<b>Title: Evaluation of the efficacy of vaccination of partridge against H9N2 vaccine</b> <b>Nili</b> , Shiraz University, Iran	
<b>4:30-5:30</b>	<b>Workshop on High Throughput Screening and Assay Development</b>	<b>Flamingo-2</b>
	<b>Chair: Harold C. Smith</b> University of Rochester Medical Center, USA <b>Instructor: G. Sitta Sittampalam</b> National Institutes for Health (NIH), USA	
<b>5:00-6:30</b>	<b>B2B &amp; Editorial Board Meeting</b>	
<b>5:00-6:30</b>	<b>Poster Presentations and Presenters</b>	<b>Riviera</b>
	<b>Title: Arbovirus co-infections in suspected febrile malaria and typhoid patients: A worrisome situation in Nigeria</b> <b>M.M Baba</b> , University of Maiduguri Teaching Hospital, Nigeria	
	<b>Title: The role of influenza virus polymerase stability in vaccine safety</b> <b>Andrew Cox</b> , University of Rochester School of Medicine and Dentistry, USA	



**Title: Alternative prevention of infectious diseases**  
**Alexander Petrovich Malyshkin**, Orenburg State Medical, Russia

**Title: The profile humoral immunoreactivity in survivors of ebolavirus Sudan**  
**Ariel Sobarzo**, University of the Negev, Israel

**Title: The hydroelectrics on the Madeira River and the incidence of dengue hemorrhagic fever in Porto Velho**  
**Daniel Delani**, Universidade Federal de Rondônia , Brazil

**Title: Molecular detection and epidemiology of enteroviruses in Korea, 2001-2010**  
**B.H. Kang**, Korea National Institute of Health, Korea

**Title: Dengue in Brazil: Epidemiology and diagnosis over 25 years by a regional reference laboratory**  
**Flavia Barreto dos Santos**, Oswaldo Cruz Institute, Brazil

**Title: Torque Teno Virus (TTV) infection in hemodialysis patients**  
**Kishore Mandal**, All India Institute of Medical Sciences, India

**Title: Positional effect of phosphorylation sites 75 and 277 in the cytoplasmic domain of the E2 protein of hepatitis C virus 1a genotype: Interferon resistance analysis via sequence alignment.**  
**Samia Afzal**, Government College, Pakistan

**Title: Molecular characterization and phylogenetic analysis of hemagglutinin and neuraminidase of human H3N2 influenza A viruses in China from 2007 to 2011**  
**Ping Huang**, Sun Yat-Sen University, China

**Title: Comparative evaluation of three regimens for the treatment of chronic Hepatitis B: Tenofovir, Entecavir and combination of Lamivudine and Adefovir**  
**Jayakumar R**, All India Institute of Medical Sciences, India

**Title: First report of a begomovirus infecting Crassocephalum crepidioides (Benth.) S Moore in India**  
**Renuka Sharma**, Amity University, India

**Title: The E627K mutation in the PB2 subunit of influenza A polymerase affects promoter binding at higher temperatures**  
**Shilpa agarwal**, University of Rochester, USA

**Title: The effects of the deletion of VHS and EPO gene on global gene expression of pseudorabies virus**  
**Dora Tombacz**, University of Szeged, Hungary

**Title: Anti-influenza virus activity of short synthetic Antimicrobial Peptides (AMPs)**  
**Ketha V. Krishna Mohan**, Food and Drug Administration, USA

**Title: Changes in lipid profiles and BMI in HIV/AIDS patients on antiretroviral and anti-Tuberculosis therapies in FAKO division**  
**Ajime**, University of Buea, Cameroon

**Title: Isolation of Candida species in oral cavity of HIV/AIDS pediatric patients from the north border of Mexico and their possible association to immune failure**  
**Jorge Arturo Alvelais Palacios**, National Autonomous University of Baja California, Mexico

**Title: Three-dimensional modeling of DCIR and identification of new drugs blocking HIV-1 attachment and propagation**  
**Arezki Azzi**, Université Laval, Canada

**Title: Crystallization and X-ray diffraction of virus-like particles of a grouper betanodavirus**  
**Yu-Chun Luo**, National Sun Yat-sen University, Taiwan

**Title: GenOMICS of a Zoonosis: full adaptation of Hepatitis E virus quasispecies during interspecies transmission**  
**Jerome Bouquet**, ANSES, France

**Title: Transcription level of ifnar1 and socs1 in patients infected with Hepatitis C Virus responders and non-responders to the IFN-alpha treatment**  
**Virginia Sedeno Monge**, Depto. De Cs. De la Salud, Mexico

**Title: Effect of site-directed mutagenesis within the 5'UTR and VP1 regions on temperature sensitivity of Enterovirus 71 in vitro**  
**Natallia Lazouskaya**, Swinburne University of Technology, Australia

**Title: Expression of Hepatitis B virus "E" antigen gene region in yeast**  
**Berkhan Simsek**, Gulhane Military Medical Academy, Turkey

**Title: Hepatitis B virus in HIV infected patients in northern South Africa: Prevalence, exposure, protection, response to HAART and genetic characterization**

**Pascal Bessong**, University of Venda, South Africa

**Title: Characterizing the non-coding regions of 1918 'Spanish Flu' pandemic H1N1 influenza virus**

**Ruixue Wang**, NIH, USA

**Title: Analysis of chicken anemia virus genome: Evidence of intersubtype recombination**

**Yassir M Eltahir**, University of Nyala, Sudan

**Title: Cancer is a side effect of evolution of viruses and bacteria**

**Vijay Kumar Gampa**, Vikas Institute of Pharmaceutical Sciences, India

**Title: Effect of HEV ORF3 protein in liver injury**

**Peng Xiao**, China Agricultural University, China

**Title: STING regulates DNA-mediated innate immune signaling**

**Hiroyasu Konno**, University of Miami Miller School of Medicine, USA

**6:30-8:00** Cocktails: Sponsored by Journal of AIDS & Clinical Research

<b>Day 3</b>		<b>August 22, 2012</b>	<b>Tropicana-1</b>
<b>8:30-9:30</b>	<b>Workshop: NIH Grantsmanship</b> <b>Instructor: Fatah Kashanchi</b> George Mason University, USA		
		<b>Session-V (9:30 AM-12:00 PM)</b>	<b>Tropicana-1</b>
<b>9:30</b>	<b>Track 5.1: Virology Immunology and Clinical Complications</b>		
	<b>Chair: Qianjun Li</b> University of Alabama USA <b>Co-Chair: Lena Al Harthi</b> Rush University Medical Center, USA		
<b>Session Overview 9:30 - 9:35</b>			
<b>9:35-9:50</b>	<b>Title: The role of tight junction proteins during Dengue virus entry</b> <b>Qianjun Li</b> , University of Alabama USA		
<b>9:50-10:05</b>	<b>Title: Serological and molecular characterization and diagnosis of viruses expressing similar necrotic symptoms in blackgram and greengram</b> <b>Jyothirmai Madhavi K</b> , Acharya NG Ranga Agricultural University, INDIA		
<b>10:05-10:20</b>	<b>Title: Phenotypic and functional assessment of peripheral blood dendritic cells in HIV/HCV co-infected patients undergoing Interferon/Ribavirin combination therapy</b> <b>Mohit Sehgal</b> , Drexel University College of Medicine, USA		
<b>10:20-10:35</b>	<b>Title: The infectivity and pathogenicity of a foot-and-mouth disease virus persistent infection strain from oesophageal-pharyngeal fluid of a Chinese cattle in 2010</b> <b>Dong Li</b> , Lanzhou Veterinary Research Institute, China		
<b>Coffee Break 10:35 - 10:45</b>			
<b>10:45-11:00</b>	<b>Title: Searching the Human Herpes 6, 7 (PCR) In CSF of Children Admitt: Cross section study led in pediatric ward of rasoul hospital</b> <b>Samileh Noorbakhsh</b> , University of Medical Sciences, Iran		
<b>11:00-11:15</b>	<b>Title: Polio Vaccination in Nigeria: the 'good', the 'bad' and the 'ugly'</b> <b>Marycelin Mandu Baba</b> , University of Maiduguri Teaching Hospital, Nigeria		
<b>11:15-11:30</b>	<b>Title: A method to distinguish potentially infectious from inactivated humannorovirus</b> <b>David H. Kingsley</b> , Delaware State University, USA		
<b>11:30-11:45</b>	<b>Title: What is the role of bacteria in AIDS?</b> <b>Vladimir Zajac</b> , Slovak Academy of Sciences, Slovakia		
<b>Lunch Break 12:00 - 1:30</b>			
<b>9:30</b>	<b>5-2: Respiratory and Vector Borne Diseases</b>		<b>Tropicana-2</b>
	<b>Chair - Suresh Mahalingam</b> Griffith University, Australia <b>Co-chair - Reena Ghildyal</b> University of Canberra, Australia		
<b>Session Overview 9:30 - 9:35</b>			

- 9:35-9:50** Title: **Novel approaches to reducing inflammation following respiratory virus infections - A focus on respiratory syncytial virus**  
**Suresh Mahalingam**, Griffith University, Australia
- 9:50-10:05** Title: **Identification of novel hit against mutant influenza A virus**  
**Wenhui Hu**, Chinese Academy of Sciences, China
- 10:05-10:20** Title: **Endonuclease substrate selectivity characterized with full - Length PA of influenza A virus polymerase**  
**Erin Noble**, University of Rochester, USA
- 10:20-10:35** Title: **Host targets of respiratory syncytial virus matrix protein**  
**David Jans**, Monash University, Australia

**Coffee Break 10:35 - 10:45**

- 10:45-11:00** Title: **Nucleocytoplasmic trafficking of the matrix protein of respiratory syncytial virus: Role in infection**  
**Reena Ghildyal**, University of Canberra, Australia
- 11:00-11:15** Title: **Lactate Dehydrogenase level in nasal wash fluid as a novel marker for respiratory syncytial virus induced bronchiolitis**  
**Sanaa**, Zagazig University, Egypt
- 11:15-11:30** Title: **Clinical factors predictive of pneumonia caused by 2009 H1N1 Flu**  
**Kittisak Sawanyawisut**, Khon Kaen University, Thailand
- 11:30-11:45** Title: **DAS181 for the treatment of influenza and para influenza infections**  
**Ronald Moss**, NexBio, USA

**Lunch Break 12:00 - 1:30**

**Meeting closes and departures**

**Bookmark your dates**

3<sup>rd</sup> World Congress on



# Virology

July 8-10, 2013 Singapore



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DoubleTree by Hilton Beijing, China



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