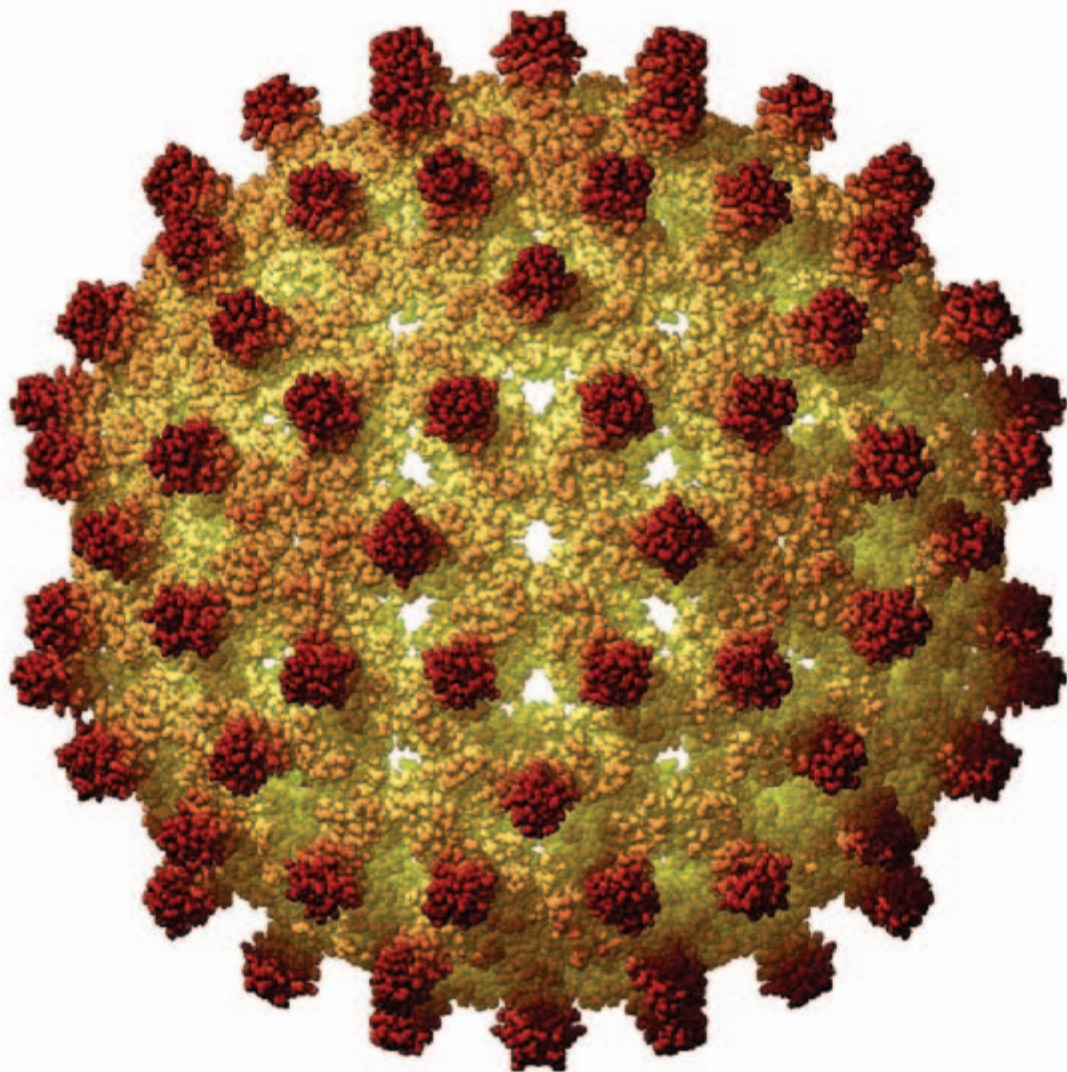


Scientific
PROGRAM



International Conference and Exhibition on

VIROLOGY

Virology-2011

5-7 September 2011 Baltimore, USA

OMICS 
Conferences
Accelerating Scientific Discovery

Conference Secretariat

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E-mail: virology2011@omicsonline.org

18:00-19:00

Registrations

04 September 2011

Day 1 - 5 September 2011

07:00-08:30

Registrations

07:30-08:00

Breakfast



Breakout Room 1
08:30-08:55

Opening Ceremony

Keynote Forum

08:55-09:00

Introduction

09:00-09:25

Dr. Pawel Ciborowski

University of Nebraska Medical Center, USA

09:25-09:50

Dr. Subhash Dhawan

Food and Drug Administration, USA

09:50-10:15

Dr. Gary Alan Flory

Virginia Department of Environmental Quality, USA

Coffee Break 10:15-10:30

10:30-10:55

Dr. Wei Wang

US Food and Drug Administration, USA

10:55-11:20

Dr. Ting Chao Chou

Memorial Sloan-Kettering Cancer Center, USA

11:20-11:45

Dr. Harold C. Smith

University of Rochester School of Medicine and Dentistry, USA

11:45-12:10

Dr. David Jans

Monash University, Australia

Lunch Break 12:10-12:40

Track 1-3: Cellular Factors Affecting Viral Replication and Pathogenicity
Track 1-4: Viral Replication Cycle

Session Introduction

- 12:40-13:00 **Title: Heparan sulfate as a binding molecule for viruses**
 Dr. Jaroslava Halper, University of Georgia, USA
- 13:00-13:20 **Title: Analysis of phospho-signaling events in human cells following infection by rift valley fever virus**
 Dr. Aarthi Narayanan, George Mason University, USA
- 13:20-13:40 **Title: Subcellular interactions of viral interferon antagonist proteins with host factors: Potential targets for therapeutics**
 Dr. Greg Moseley, Monash University, Australia
- 13:40-14:00 **Title: Human polyomavirus JC small regulatory agnoprotein forms highly stable homodimers and oligomers: Implications for its role during the viral replication cycle**
 Dr. Mahmut Safak, Temple University School of Medicine, USA
- 14:00-14:20 **Title: Mapping of the binding sites between Apobec3G and the HIV-1 Gag and Vif proteins**
 Dr. Jan Tavernier, Ghent University, Belgium
- 14:20-14:40 **Title: Cellular microRNAs inhibit influenza A virus replication**
 Dr. Wenlin Huang, Chinese Academy of Sciences, China
- 14:40-15:00 **Title: Fiber mediated receptor masking in non-infected bystander cells restricts adenovirus cell killing effect but promotes adenovirus host co-existence**
 Dr. Xiaolong Fan, Lund University, Sweden

Coffee Break 15:00-15:20

Track 1-1: Viral Genomics and Proteomics
Track 1-2: Viral Tropism and Transmission

Session Introduction

- 15:20-15:40 **Title: National center for biotechnology information viral genomes project**
 Dr. Olga Blinkova, U.S. National Library of Medicine, USA

- 15:40-16:00 **Title: Global expression profile of microRNA and mRNA in primary peripheral blood mononuclear cells infected with human immunodeficiency virus (HIV-1)**

Dr. Velpandi Ayyavoo, University of Pittsburgh, USA

- 16:00-16:20 **Title: Immune and proteome profiling of a cohort of HIV/HCV mono and coinfecting patients**

Dr. Pooja Jain, Drexel University College of Medicine, USA

- 16:20-16:40 **Title: Bridges of actin rich protrusions confer a novel route for extracellular virus transport**

Dr. Vaibhav Tiwari, Western University of Health Sciences, USA

- 16:40-17:00 **Title: Molecular dynamics of prototype foamy virus protease flap region, N- and C-termini in aqueous solution**

Dr. Sergey Shityakov, University of Wurzburg, Germany

- 17:00-17:20 **Title: Deletion of a conserved LLRKxGxKG motif in murine hepatitis virus non-structural protein 1 attenuates the virus in mice**

Dr. Guohui Chang, State Key Laboratory of Pathogen and Biosecurity, China

- 17:20-17:40 **Title: Structural and RNA binding domain analysis between HIV type 1 clade B and clade C Tat protein: Possible role in clade specific pathogenesis**

Dr. Shailendra K. Saxena, Centre for Cellular and Molecular Biology, India

Breakout Room 2

Track 2-1: Immunology of HIV Infection & Track 2-2: Diagnostics and Prognostics of HIV Infections

Session Introduction

- 12:40-13:00 **Title: Defensins and chemokine receptors: Protecting highly susceptible cells from HIV infection by inducing APOBEC3G expression**

Dr. Alfredo Garzino-Demo, Institute of Human Virology, USA

- 13:00-13:20 **Title: Maneuvering of genital mucosa by HIV for successful transmission**

Dr. K. Jagannadha Sastry, The University of Texas MD Anderson Cancer Center, USA

- 13:20-13:40 **Title: Role of chromatin and microRNA in regulating HIV-1 transcription**

Dr. Fatah Kashanchi, George Mason University, USA

- 13:40-14:00 **Title: Control of cell surface density of HIV coreceptor GPR15/BOB by phosphorylation-dependent 14-3-3 protein binding**
Dr. Sojin Shikano, University of Illinois at Chicago, USA
- 14:00-14:20 **Title: Delineation of T cell effector classes and activation states in HIV using cellular assays**
Dr. Magdalena Tary Lehmann, Case Western Reserve University School of Medicine, USA
- 14:20-14:40 **Title: In vitro restoration of Th17 response during HIV infection with an antiretroviral drug and Th17 differentiation cytokines**
Dr. Catarina E. Hioe, New York University School of Medicine, USA
- 14:40-15:00 **Title: Regulation of the innate cell response to HIV infection in lymphocytes**
Dr. Anne Gatignol, McGill University, Canada
- Coffee Break 15:00-15:20**
- 15:20-15:40 **Title: Unique sequential and structural determinants of human apolipoprotein B mRNA-editing enzyme catalytic polypeptide-like 3G (APOBEC3G)**
Dr. Muhammad Mukhtar, The Islamia University of Bahawalpur, Pakistan
- 15:40-16:00 **Title: Contributions of HIV infection in the hypothalamus and substance abuse/use to HPT dysregulation**
Dr. Dianne Langford, Temple University School of Medicine, USA
- 16:00-16:20 **Title: A bifunctional anti-HIV protein: Delivering a 1-2 punch based on the sequential dual receptor virus entry mechanism**
Dr. Barna Dey, National Institute of Allergy and Infectious Diseases, USA
- 16:20-16:40 **Title: The pk blood group glycolipid, globotriaosyl ceramide as a resistance factor and therapeutic target against HIV infection**
Dr. C. Lingwood, University of Toronto, Canada
- 16:40-17:00 **Title: In Vitro HIV-1 selective integration into the target sequence and decoy-effect of the modified sequence**
Dr. Tatsuaki Tsuruyama, Kyoto University, Japan
- 17:00-17:20 **Title: Construction of new Infectious Molecular Clones (IMC) expressing Renilla Luciferase (IMC-LucR) for HIV neutralization assay standardization**
Dr. Agnès-Laurence Chenine, MHRP-Henry M Jackson Foundation, USA

- 17:20-17:40 **Title: Total lymphocyte count as a surrogate marker for predicting CD4 count of HIV-infected children and adolescents: A retrospective evaluation**
Dr. Wang Yuming, Zhengzhou University, China

Breakout Room 3

Track 2-3: HIV-Associated Diseases

Session Introduction

- 12:40-13:00 **Title: Deciphering synaptic perturbations associated with HIV and methamphetamine mediated CNS dysfunction**
Dr. Gurudutt Pendyala, University of Nebraska Medical Center, USA
- 13:00-13:20 **Title: Plasma and cerebrospinal fluid profiling for HIV-associated neurocognitive disorders**
Dr. Pawel Ciborowski, University of Nebraska Medical Center, USA
- 13:20-13:40 **Title: HIV-1 infection and cocaine go hand in HAND**
Dr. Shilpa Buch, University of Nebraska Medical Center, USA
- 13:40-14:00 **Title: Proteomics studies of Monocyte / Macrophages in HIV associated neurological disorders**
Dr. Loyda M Melendez, University of Puerto Rico Medical Sciences Campus, Puerto Rico
- 14:00-14:20 **Title: Seroprevalence of toxoplasma gondii infection among people living with HIV/AIDS in Keffi, Nigeria**
Dr. Grace Rinmecit Pennap, Nasarawa State University Keffi, Nigeria
- 14:20-14:40 **Title: Oral plasmablastic lymphoma: Recent concepts in molecular diagnosis**
Dr. Sachin Sarode, Dr. D. Y. Patil Dental College and Hospital, India
- 14:40-15:00 **Title: Study of dermatological profile of seropositives in the sub himalayan region—An eye-opener**
Dr. Sumit Sen, IPGMER & SSKM Hospitals, India
- Coffee Break 15:00-15:20**
- 15:20-15:40 **Title: Involvement of miRNAs in the development of HIV-1-associated neurocognitive disorders**
Dr. Bassel E Sawaya, Temple University School of Medicine, USA

15:40-16:00 **Title: Microsporidiosis and HIV/AIDS**
Dr. Omalu Innocent C. J., Federal University of Technology, Nigeria

16:00-16:20 **Title: The curse of two viruses: HIV associated multicentric Castleman's disease**
Dr. Yohannie Billy Mlombe, University of Malawi, Malawi

Breakout Room 4

Track 2-4: Antiretroviral Therapies and Resistances

Track 2-5: AIDS Vaccines-New Approaches

Session Introduction

12:40-13:00 **Title: Multifunctional magnetic nanocarrier for drug targeting to brain**
Dr. Madhavan P.N Nair, Florida International University, USA

13:00-13:20 **Title: The impact of alcohol use on markers of inflammation, and cognitive functioning on antiretroviral treated individuals**
Dr. Maria Jose Miguez, Florida International University, USA

13:20-13:40 **Title: Innate and adaptive immune correlates of vaccine-induced control of mucosal transmission of SIV in macaques**
Dr. Yongjun Sui, National Cancer Institute, USA

13:40-14:00 **Title: Alternative strategy of the HIV-1 Integrase inhibition through the search of allosteric sites: Modeling and Beyond**
Dr. Luba Tchertanov, ENS de Cachan, France

14:00-14:20 **Title: CCR5-based stem cell gene therapy: Hope for HIV infection cure**
Dr. Kai Li, Soochow University, China

14:20-14:40 **Title: Humanized mice as a preclinical model for testing a novel HIV-1 fusion inhibitor**
Dr. Bradford K. Berges, Brigham Young University, USA

14:40-15:00 **Title: HIV envelop proteins variability analysis and vaccine components tailoring**
Dr. Elena Filinova, Advanced Biomedical Research Laboratory, Russia

Coffee Break 15:00-15:20

15:20-15:40 **Title: Anti-HIV activity of antibodies in ultralow doses: Results of invitro experimental studies**
Dr. Sergey Tarasov, Materia Medics Holding, Russia

15:40-16:00 **Title: Novel inhibitor by modifying oseltamivir based on neuraminidase structure for treating drug-resistant H5N1 virus using molecular docking, NMR and DSC methods**

Dr. Sudha Srivastava, Tata Institute of Fundamental Research, India

16:00-16:20 **Title: Assessment of the prevalence of distal symmetrical polyneuropathy and its risk factors among HAART-treated and untreated HIV infected individuals**

Dr. Jaffer Shiffa Shurie, Jimma University, Ethiopia

16:20-16:40 **Title: Complexities of HIV/AIDS Stigma and its impact on care seeking behavior of people living with HIV/AIDS: A qualitative study in Nigeria**

Dr. Ngozi C. Mbonu, Maastricht University, The Netherlands

16:40-17:00 **Title: Suppression of HIV-1 by DING**

Dr. Shohreh Amini, Temple University School of Medicine, USA

17:00-17:20 **Title: Antiretroviral drug resistance among HIV patients on antiretroviral therapy in Dar es Salaam, Tanzania**

Dr. Fausta Mosha, Ministry of Health and Social Welfare, Tanzania

17:20-17:40 **Title: Characterization of a T20-derived peptide with increased α -helicity and thermal stability**

Dr. Lifeng Cai, Beijing Institute of Pharmacology & Toxicology, China

17:40-18:00 **Title: Triple infection among people living with HIV (PLWH): Implication in antiretroviral therapy**

Dr. Taiwo. M. Oyesile Balogun, Lagos State University Teaching Hospital, Nigeria

18:00-18:20 **Title: Efficacy, tolerability and drug resistance of highly active antiretroviral therapy to patients with HIV/AIDS in China**

Dr. Wang Chongjian, Zhengzhou University, China

18:20-18:40 **Title: Emerging trends in antiretroviral therapy and drug resistance: A perspective on treatment of HIV**

Dr. Sanjita Das, Noida Institute of Engineering and Technology, India

18:40-19:00 **Title: Tat is a naturally folded protein in blood**

Dr. Erwann Loret, Faculte de Pharmacie, France

Dinner

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DAY 2 6 September 2011

Breakfast 07:30-08:00

Breakout Room 1

Track 3-1: Clinical Viral Diagnostics

Track 3-2: Vector and Blood born Diseases
& Molecular Diagnosis of CNS Viral
Infections

Track 3-3: Aging and Metabolic Syndromes of
Neurologic Disorders by Viruses

Session Introduction

08:30-08:50 **Title: Using the power of in vitro selection by phage display to identify recombinant antibodies with optimised properties to various life threatening viruses**

Dr. Stefan Dubel, Technische Universitat Braunschweig, Germany

08:50-09:10 **Title: Modulation of GSK-3beta activity in encephalitic viral infections**

Dr. Kylene Kehn Hall, George Mason University, USA

09:10-09:30 **Title: Human Parvovirus B19 and three novel clinical associations: Non-occlusive bowel gangrene, amegakaryocytic thrombocytopenia and myositis complicating erythema infectiosum**

Dr. Janak Kishore, Sanjay Gandhi Post-Graduate Institute of Medical Sciences, India

09:30-09:50 **Title: Arthropod – borne viral infections in children in Vellore, South India, with particular reference to Japanese Encephalitis, Dengue & Chikungunya**

Dr. Prabhakar D Moses, Christian Medical College, India

09:50-10:10 **Title: Epstein-Barr virus and multiple sclerosis: Is there a link?**

Dr. Gulfaraz Khan, United Arab Emirates University, UAE

Coffee Break 10:10-10:30

10:30-10:50 **Title: Paradigm changes in virology using adenovirus as a model for the integration of genomics and bioinformatics methods**

Dr. Donald Seto, George Mason University, USA

10:50-11:10 **Title: Elevated alpha-fetoprotein (AFP) in blood sera of young, but not of senior patients with uncertain results of antibodies to virus hepatitis C**

Dr. Alexandra A. Potapova, Dermatovenerologic Clinical Dispensary, Russia

Track 4-2: Influenza A (H1N1) Virus

Session Introduction

11:10-11:30 **Title: Pork industry intensification and the changing ecology and epidemiology of swine-origin influenza**

Dr. Michael Greger, Human Society International, USA

11:30-11:50 **Title: Nanotechnology based microarray assay for detection and differentiation of pandemic influenza virus (2009 A/H1N1) from other major seasonal influenza viruses**

Dr. Jiangqin Zhao, Food and Drug Administration, USA

11:50-12:10 **Title: Epigenetic and signaling mechanisms underlying the reduced response of dendritic cells from aged humans to influenza infections**

Dr. Anshu Agrawal, University of California, USA

Lunch Break 12:10-12:40

12:40-13:00 **Title: Inhibition of reverse transcription of Influenza A virus genome RNA by peptide nucleic acids**

Dr. Kunihiro Kaihatsu, Osaka University, Japan

13:00-13:20 **Title: Viral load and epidemiological profile of patients infected by the pandemic (H1N1) 2009 influenza A virus in Southern Brazil**

Dr. Ana B. Gorini da Veiga, University of Health Sciences of Porto Alegre, Brazil

13:20-13:40 **Title: Pandemic Influenza A/2009/H1N1**

Dr. Waheed Uz Zaman Tariq, Tawam Hospital, UAE

13:40-14:00 **Title: Isolation of avian influenza virus from reverse transcription polymerase chain reaction–negative cloacal samples of waterfowl**

Dr. Mohamed E. El Zowalaty, University of Minnesota, USA

14:00-14:20 **Title: Mapping the antigenic evolution of seasonal influenza H3N2 virus in China**

Dr. Taijiao Jiang, Chinese Academy of Sciences, China

14:20-14:40 **Title: Human neutrophil defensins inhibit infectivity of many influenza viral strains but increase infectivity of 2009 pandemic H1N1**

Dr. Tesfaldet Teclé, Boston University School of Medicine, USA

14:40-15:00 **Title: Viral shedding in chinese young adults with mild 2009 H1N1 influenza**

Dr. Ning Jia, PLA General Hospital, China

Cofee Break 15:00-15:20

15:20-15:40 **Title: Successful use of high frequency oscillatory ventilation for refractory hypoxemia in H1N1 ARDS**

Dr. Chandralekha, All India Institute of medical Sciences, India

15:40-16:00 **Title: Molecular detection and characterization of novel pandemic swine flu H1N1 virus from India during 2009-2010 epidemics**

Dr. Manmohan Parida, Defence Research & Development Establishment, India

16:00-16:20 **Title: How do aminoadamantanes block the influenza M2 channel and how does resistance develop?**

Dr. Isaiah T Arkin, The Hebrew University of Jerusalem, Israel

18:00-18:20 **Title: Translational control of innate immune response**

Dr. Rodney Colina, University of the Republic, Uruguay

18:20-18:40 **Title: Glioma stem cells targeted by oncolytic virus carrying endostatin-Angiostatin fusion gene and the expression of it's exogenous gene in Vitro**

Dr. Fusheng Liu, Capital Medical University, China

18:40-19:00 **Title: Viral Hepatocarcinogenesis**

Dr. David Gretch, University of Washington Medical Center, USA

19:00-19:20 **Title: Characterisation of Adenovirus trans-complementation-mediated gene expression controlled by melanoma-specific TETP promoter**

Dr. med. A. Curioni Fontecedro, University Hospital of Zurich, Switzerland

Track 6-1: Tumor Virology and Immunology

Track 6-2: Polyomavirus Infections Associated Cancer

Session Introduction

16:20-16:40 **Title: Kaposi's sarcoma-associated herpesvirus microRNAs in viral life cycle and cellular transformation**

Dr. Shou-Jiang Gao, University of Texas, USA

16:40-17:00 **Title: Novel therapeutic strategies in virology: Cancer terminator viruses and innovative delivery approaches**

Dr. Paul B. Fisher, Virginia Commonwealth University, USA

17:00-17:20 **Title: The role of simian virus 40 (SV40) in childhood alignancies: Passenger or pathogen**

Dr. Susanne Heinsohn, University Medical Centre Hamburg-Eppendorf, Germany

17:20-17:40 **Title: Cell transformation by viral oncoproteins - PP2A connection**

Dr. Jukka Westermarck, University of Turku, Finland

17:40-18:00 **Title: Rapid induction of IFN-beta in primary human monocytes mediated by monocyte-specific regulators**

Dr. Keh Chuang Chin, Singapore Immunology Network, Singapore

Breakout Room 2

Track 4-1: Dengue Virus

Track 4-3: Filoviruses- Ebola Virus & West Nile Viruses

Track 4-4 Herpes Viruses & Pox Viruses

Session Introduction

08:30-08:50 **Title: Effective herpes simplex virus vector retargeting by combined engineering of three viral envelope glycoproteins gD, gB and gH**

Dr. Joseph C. Glorioso, University of Pittsburgh School of Medicine, USA

08:50-09:10 **Title: Blocking HSV-2 mediated evasion of host immunity: A novel strategy to improve gD-2 subunit vaccine for HSV-2 genital disease**

Dr. Sita Awasthi, University of Pennsylvania, USA

09:10-09:30 **Title: Computational methods for assessing host specificity/ pathogenicity in Ebolavirus strains**

Dr. Catherine E. Campbell, Noblis, USA

09:30-09:50 **Title: In the war of viral infections ige may play an important role: Antibody kinetics in Dengue**

Dr. Maria Jose Miguez, Florida International University, USA

09:50-10:10 **Title: Nucleocytoplasmic trafficking of dengue non-structural protein 5 (NS5) is essential for dengue infection; vaccine applications**

Dr. David Jans, Monash University, Australia

Coffee Break 10:10-10:30

10:30-10:50 **Title: Cellular targets of EBV-encoded nuclear antigens (EBNAs) and their involvement in virus-induced transformation**

Dr. Elena Kashuba, Karolinska Institutet, Sweden

10:50-11:10 **Title: Main problems in serological diagnosis of EBV infection**

Dr. Massimo De Paschale, Hospital of Legnano, Italy

11:10-11:30 **Title: Recombination in natural populations of Dengue virus serotype 2 from Mexico**

Dr. Maria de Lourdes Munoz, Centro de Investigación y de Estudios Avanzados del Instituto Politécnico Nacional, Mexico

11:30-11:50 **Title: Effective detection of dengue fever virus using an aptazyme approach**

Dr. James R. Carter, University of Notre Dame, USA

11:50-12:10 **Title: West Nile virus highly conserved, HLA-restricted class I and II T-cell epitope peptides have wide distribution and variant representation in other flaviviruses**

Dr. Mohammad Asif Kahn, Johns Hopkins University, USA

Lunch Break 12:10-12:40

12:40-13:00 **Title: Novel dengue virus epitopes identified in silico: Implications as vaccine candidates**

Dr. Gilma Sanchez-Burgos, Instituto Mexicano del Seguro Social, Mexico

Track 5: Immuno Therapeutic Approaches for Viral Infections

Session Introduction

13:00-13:20 **Title: HIV-1 integration site preferences in pluripotent cells**

Dr. Rene Daniel, Thomas Jefferson University, USA

13:20-13:40 **Title: The herpes simplex virus type 2 gene ICP10PK prevents motor neuron degeneration and extends life in the SOD1G93A transgenic rat model of amyotrophic lateral sclerosis through modulation of glia-neuron crosstalk**

Dr. Laure Aurelian, University of Maryland, USA

13:40-14:00 **Title: Prescriptive peptide design for cell-based therapies**

Dr. Max Ryadnov, National Physical Laboratory, UK

14:00-14:20 **Title: A binning and sampling approach to molecular vaccine candidate discovery for ASFV**

Dr. Kathryn F. Sykes, Center for Innovations in Medicine, Biodesign Institute and School of Life Sciences, Arizona State University, USA

14:20-14:40 **Title: When virology and cellular genetics collide: EBNA1, a virally encoded transcription factor, engages cellular host promoters and intervenes with cellular gene expression**

Dr. Allon Canaan, Yale University School of Medicine, USA

14:40-15:00 **Title: Viral vaccines: From Jenner to genes**

Dr. Shampur N Madhusudana, NIMHANS, India

Coffee Break 15:00-15:20

Track 6.3: HPV Infection Associated Cervical Cancer

Track 6.5: Oncogenic Gamma herpes Viruses (KSHV & EBV)

Session Introduction

15:20-15:40 **Title: Genomic instability induced by the HPV E7 oncogene**

Dr. Jason J Chen, University of Massachusetts Medical School, USA

15:40-16:00 **Title: Therapeutic vaccination against cancers associated with human papillomaviruses**

Dr. K. Jagannadha Sastry, The University of Texas MD Anderson Cancer Center, USA

16:00-16:20 **Title: The role of KSHV vGPCR in kaposi's sarcomagenesis**

Dr. Silvia Montaner, University of Maryland, USA

16:20-16:40 **Title: Human papillomavirus types 52 and 58 in uterine cervical squamous lesions**

Dr. Kiyomi Taniyama, National Hospital Organization, Japan

16:40-17:00 **Title: Human herpesvirus type 8 (HHV-8/KSHV) in patients with decompensated cirrhosis**

Dr. Cheng-Chuan Su, Tzu Chi University, Taiwan

17:00-17:20 **Title: HPV genotype in prognosis of cervical cancer**

Dr. Chyong-Huey Lai, Chang Gung University, Taiwan

17:20-17:40 **Title: Arsenic mediated disruption of promyelocytic leukemia protein nuclear bodies induces ganciclovir susceptibility in Epstein-barr positive nasopharyngeal carcinoma cells**

Dr. Joseph A Lasky, Tulane University, USA

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Breakout Room 3

Poster Presentation 09:00-12:00

B2B/ Scientific Partnering 13:00-16:00

DAY 3 7 September 2011

Breakfast 07:30-08:00

Breakout Room 1

Track 7-1: HCV, HIV, Avainflu, Influenza Vaccines and Cytomegalovirus Vaccines

Track 7-2: Virology, Immunology & Epidemiology of Hepatitis Viruses

Session Introduction

08:30-08:50 **Title: Development and application of pseudotyped retroviral vectors with influenza HA**

Dr. Wei Wang, US Food and Drug Administration, USA

08:50-09:10 **Title: Blood safety and availability: Blood donor screening assays regulated by the U.S. Food and Drug Administration**

Dr. Abdur Razzaque, Food and Drug Administration, USA

09:10-09:30 **Title: Proteomics of Hepatitis C virus - host cell interaction: Identification of cellular/viral factors associated with HCV (+) strand RNA genome**

Dr. Virendra N Pandey, UMDNJ-New Jersey Medical School, USA

09:30-09:50 **Title: Vaccine testing using humanized mice**

Dr. Madelyn R. Schmidt, University of Massachusetts Medical School, USA

09:50-10:10 **Title: Evolutionary and molecular aspects of surface antigen (HBsAg) gene mutants in blood donors with occult Hepatitis B Virus infection**

Dr. Anna Giulia Cattaneo, University of Insubria, Italy

Coffee Break 10:10-10:30

10:30-10:50 **Title: Seroprevalence of hepatitis B surface antigen among pregnant women attending antenatal clinic in federal medical center keffi, Nigeria**

Dr. Grace Rinmecit Pennap, Nasarawa State University Keffi, Nigeria

10:50-11:10 **Title: Molecular epidemiology of Hepatitis B virus in Morocco**

Dr. Soumaya Benjelloun, Institut Pasteur du Maroc, Morocco

11:10-11:30 **Title: Kobuvirus and Hepatitis-E virus infections in piglets: epidemiology and possible zoonosis**

Dr. Halaihel Nabil, Fac. Veterinaria de Zaragoza, Spain

11:30-11:50 **Title: Highly productive antigenic active hcv variants are suitable for cultural inactivated vaccine preparing**

Dr. Petr Deryabin, The D.I.Ivanovsky Institute of Virology, Russia

11:50-12:10 **Title: Virologic and clinical characteristics of HBV genotypes/subgenotypes in chinese pediatric patients with chronic hepatitis B**

Dr. Yanwei Zhong, Pediatric Liver Disease Therapy and Research Center, China

Lunch Break 12:10-13:00

Track 8: Agriculture and Plant Virology

Session Introduction

13:00-13:20 **Title: Transcriptome analysis of rice infected with rice viruses reveals the relation between the symptoms and responses of host**

Dr. Shoshi Kikuchi, National Institute of Agrobiological Sciences, Japan

13:20-13:40 **Title: Understanding and control of plant potyviruses**

Dr. Aiming Wang, Agriculture and Agri-Food Canada, Canada

13:40-14:00 **Title: Both HC-Pro and AC2 silencing suppressors significantly altered the gene expression profile in tobacco leaves and flowers**

Dr. Arto Soitamo, University of Turku, Finland

14:00-14:20 **Title: New insights into the regulation of NIK-mediated antiviral signaling pathway and suppression by the geminivirus NSP**

Dr. Elizabeth P. B. Fontes, National Institute of Science and Technology, Brazil

14:20-14:40 **Title: Controlling undesirable Bradyrhizobium japonicum with phages to enhance soybean nodulation, biological nitrogen fixation, and plant growth**

Dr. Fawzy M. Hashem University of Maryland Eastern Shore, USA

14:40-15:00 **Title: The unfolded protein response is triggered by a plant viral movement protein**

Dr. Jeanmarie Verchot Oklahoam State University, USA

Coffee Break 15:00-15:20

15:20-15:40 **Title: Predilection for G/G and G/C DEFB1 SNP types in HIV infected pregnant women and infants in India**

Dr. Supriya Singh, National Centre for Disease Control (NCDC), India

15:40-16:00 **Title: Satisfying Koch's postulates for Ageratum enation virus**

Dr. Muhammad Tahir, National University of Sciences and Technology (NUST), Pakistan

16:00-16:20 **Title: Viruses of introduced medicinal plants in Ukraine**

Dr. Lidiya Mishchenko, Kyiv National University, Ukrain

Track 9: Veterinary Virology

Track 10: Pediatric Viral Infectious Diseases

Session Introduction

16:20-16:40 **Title: Systemic alteration of cholesterol homeostasis in experimental and natural scrapie**

Dr. A.Pani, University of Cagliari, Italy

16:40-17:00 **Title: Anthropogenic drivers of emerging viral zoonoses and vector-borne diseases**

Dr. Neil M. Vora, Columbia University, USA

17:00-17:20 **Title: The genetic diversity of asian isolates of canine distemper virus and their characterization in hamster cell lines**

Dr. Serageldeem Sultan, South Valley University Faculty of Veterinary Medicine, Egypt

17:20-17:40 **Title: Molecular characterization of infectious bursal disease virus in Morocco**

Dr. Fatima TAHIRI, Laboratoire National de Contrôle des Médicaments Vétérinaires, Maroc

17:40-18:00 **Title: Alkhurma virus, a new hemorrhagic fever flavivirus in Saudi Arabia**

Dr. Tariq A. Madani, King Abdulaziz University, Saudi Arabia

18:00-18:20 **Title: Viral infections of the respiratory tract in HIV-infected children**

Dr. Robin J Green, University of Pretoria, RSA

18:20-18:40 **Title: Hospital acquired rotavirus gastroenteritis and molecular evidence in Nepal**

Dr. Jeevan B. Sherchand, TU Teaching Hospital Institute of Medicine, Nepal

18:40-19:00 **Title: Interaction of a non mRNA leader transcript with phosphoprotein P of chandipura virus: Target for antiviral design**

Dr. Dhruvajyoti Chattopadhyay, University of Calcutta, India

Breakout Room 2

Track 11.1: Drug Screening and Rational Drug Design

Track 11.2: Drug Design for HIV & HCV

Track 11.3: Anti Influenza, Avian flu, SARS Drug discovery

Session Introduction

08:30-08:50 **Title: PapMV nanoparticles open the breath of the immune response to the trivalent inactivated flu vaccine**

Dr. Denis LECLERC, Centre de Recherche en Infectiologie, Canada

08:50-09:10 **Title: Picomolar dichotomous activity of gnidimacrin against HIV-1**

Dr. Chin-Ho Chen, Duke University Medical Center, USA

09:10-09:30 **Title: The mucosal immune response to plant-derived biopharmaceuticals**

Dr. Kathleen L. Hefferon, Cornell University, USA

09:30-09:50 **Title: M13 phage as a material for nanotechnology**

Dr. Chang-Hoon Nam, KIST-Europe, Germany

09:50-10:10	<p>Title: HIV gp120-CD4 inhibitors: Breaking the trend in gp120 structuring with small molecule binding</p> <p>Dr. Judith M. LaLonde, Bryn Mawr College, USA</p>	13:00-13:20	<p>Title: Potential Ebola therapies identified using high throughput phenotypic screening of drugs and combinations</p> <p>Dr. Gene Olinger, USAMRIID, USA</p>
	Coffee Break 10:10-10:30		
10:30-10:50	<p>Title: Cellular factor cyclic GMP-dependent protein kinase (PKG) is a potential drug target of HIV-1</p> <p>Dr. Jia-Hai Lee, Bio Reliance Corporation, USA</p>	13:20-13:40	<p>Title: Structural bioinformatics and chinese traditional medicine database for drug design and personalized medicine</p> <p>Dr. Dong-Qing Wei, Shanghai Jiaotong University, China</p>
10:50-11:10	<p>Title: Nanosomes containing multiple siRNAs effectively inhibits HCV RNA replication – An in vitro and in vivo approach</p> <p>Dr. Sidhartha Hazari, Tulane University School of Medicine, USA</p>	13:40-14:00	<p>Title: Aprotinin, a protease inhibitor, as a drug against influenza</p> <p>Dr. Oleg P. Zhirnov, D.I.Ivanovsky Institute of Virology, Russia</p>
11:10-11:30	<p>Title: New antisense inhibitors of hepatitis C virus</p> <p>Dr. Andres Merits, University of Tartu, Estonia</p>	14:00-14:20	<p>Title: Development of a new adjuvant for flu vaccine</p> <p>Dr. Haryoung Poo, Korea Research Institute of Bioscience and Biotechnology, Republic of Korea</p>
11:30-11:50	<p>Title: The cellular SUMOylation system as a novel target for anti-influenza therapies</p> <p>Dr. German Rosas-Acosta, The University of Texas at El Paso (UTEP), USA</p>	14:20-14:40	<p>Title: Exploitation of antiviral activity of traditionally used medicinal plants</p> <p>Dr. Sanjita Das, Noida Institute of Engineering and Technology, India</p>
11:50-12:10	<p>Title: In vitro study for anti-HIV activity in extracts from fresh water mussel (lamellidens marginalis)</p> <p>Dr. Estari Mamidala, Kakatiya University, India</p>	14:40-15:00	<p>Title: Plants used in jamaican folk medicine against the common cold, flu and diarrhea</p> <p>Dr. Sylvia Adjoa, Mitchell University of the West Indies, Jamaica</p>
	Lunch Break 12:10-13:00		Coffee Break 15:00-15:20

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