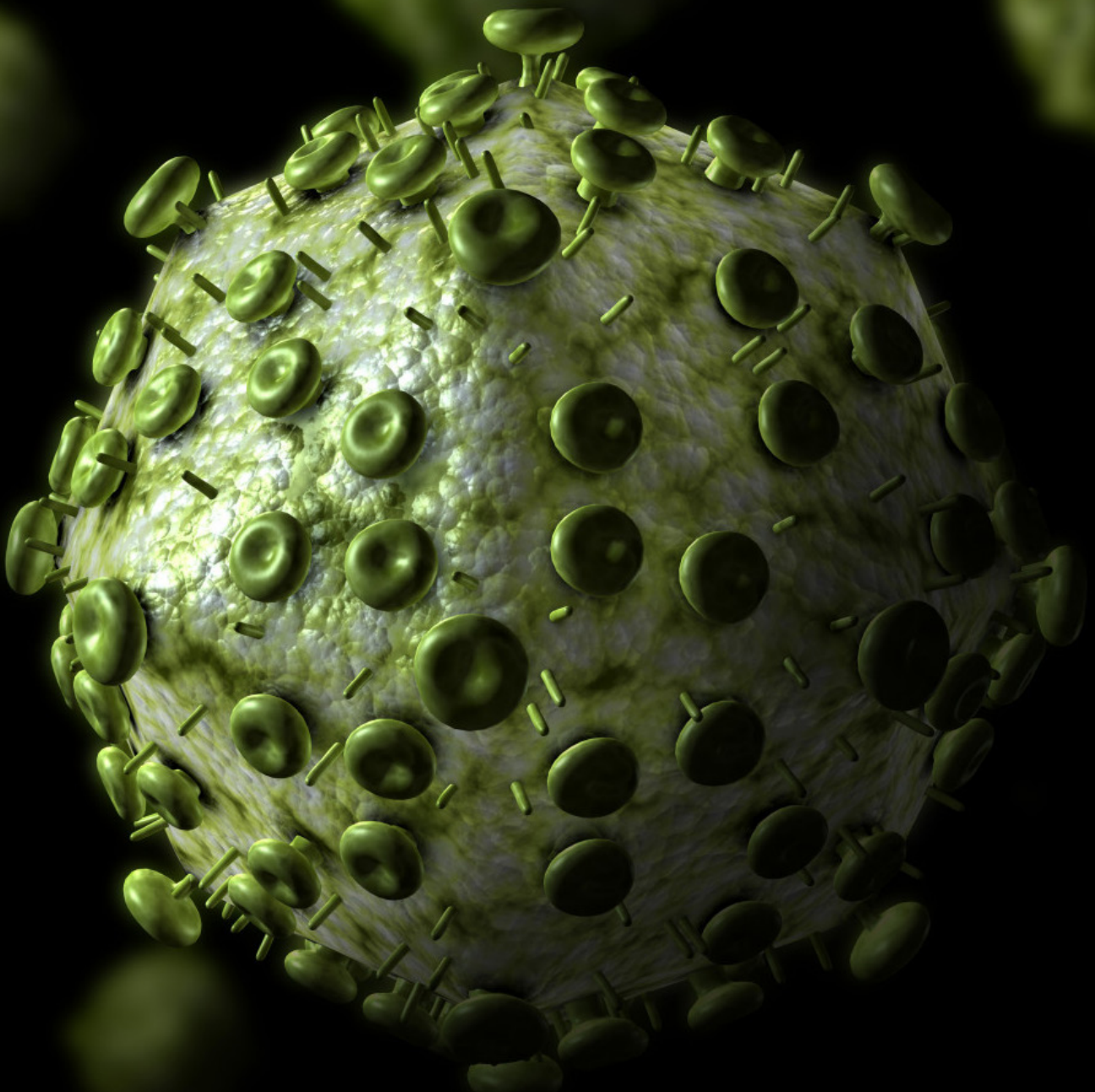


Scientific Program

5th World Congress on

Virology

December 07-09, 2015 Atlanta, USA



2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA
Phone: +1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499
Toll free: +1-800-216-6499,

Scientific Program

Day 1 December 07, 2015

08:00-08:30 Registrations

Grand Ball Room - 2

08:30-09:00 Opening Ceremony

Keynote Forum

- 09:00-09:45** **Title: Stories Behind The Cocktail and Synergism**
Ting-Chao Chou, Founder and President, PD Science LLC, USA
- 09:45-10:30** **Title: Emerging Human Pathogens: Human Herpes Virus-6 (HHV-6) & Human Herpesvirus-7 (HHV-7)**
Dharam Ablashi, HHV-6 Foundation, KHG fiteBac® Technology, USA
- 10:30-11:00** **Title: Impact of Maternal HIV Infection on Cord Blood Passive Antibody Levels Against Protein and Polysaccharide Antigens in Exposed Versus Unexposed Uninfected Infants**
Shahana Choudhury, Meharry Medical College, USA

Group Photo & Coffee Break @ Foyer: 11:00-11:15

Sessions: General Virology and Basic Science
Clinical and Neuro Virology
Respiratory and Emerging/Re-emerging Viruses
Agriculture and Plant Virology
Viral Hepatitis

Session Chair: Sita Awasthi, University of Pennsylvania, USA

Session Co chair: Hua Zhu, Rutgers University, USA

Session Introduction

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| 11:15-11:35 | Title: Review of Virus-Like Particle Production, Characterization & Comparability for Contemporary Vaccines
Michael W Washabaugh , MedImmune, USA |
| 11:35-11:55 | Title: Replication Competent Viral Vectors for Vaccine Development
Farshad Guirakhoo , GeoVax Inc, USA |
| 11:55-12:15 | Title: Characterization of Norovirus in Lebanon among hospitalized children less than 5 years old
Nada Melhem , American University of Beirut, Lebanon |
| 12:15-12:35 | Title: Viral Diseases of Ajmer Rajasthan India
Rashmi Sharma , SPC GCA, India |
| 12:35-12:55 | Title: Role of ORF 7 in Varicella Zoster Virus Tissue Tropism and Potential for Novel Vaccine
Hua Zhu , Rutgers University, USA |
| 12:55-13:15 | Title: New Insights into the Bugs in the Airway of HIV-infected Children with Lung Disease
Robin Green , University of Pretoria, South Africa |
| 13:15-13:35 | Title: tRNA retrograde transport in nuclear import of HIV-1
George Adigbli , University College London, UK |

Symposium on**Hepatitis C: Epidemiology and Therapy Snapshot**

14:15-15:15

By: **Abdelouaheb Benani**, Pasteur Institute of Morocco, Morocco & **Brian L Pearlman**, Atlanta Medical Center, USASession Chair: **Farshad Guirakhoo**, GeoVax Inc, USASession Co chair: **C. Yong Kang**, Western University, Canada

Session Introduction

15:15-15:35	Title: Prevalence, genetic drift of haemagglutinin, and antiviral resistance of influenza viruses circulating in Shanghai in children during 2009-2013
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	Jiehao Cai , Fudan University, China
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15:35-15:55	Title: Adenovirus Infection in Children with Acute Lower Respiratory Tract Infections in Beijing, China, 2007 to 2012
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	Chunyan Liu , Beijing Children's Hospital, Capital Medical University, China
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15:55-16:15	Title: The HBx oncoprotein of hepatitis B virus promotes cell transformation by stimulating rDNA transcription and ribosome biogenesis
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	Vijay Kumar , International centre for Genetic Engineering and Biotechnology, India
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Coffee Break @ Foyer 16:15-16:30

16:30-16:50	Title: Molecular Studies on Tomato Leaf Curl Virus (TLCV) in Bara, Sudan
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	Sana Khalifa Mukhtar Badawi , University of Kordofan, Sudan
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16:50-17:10	Title: Hepatitis C – A readily curable disease
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	Syed Amir Abbas , The Muhammad Hospital, Pakistan
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17:10-17:30	Title: The Perpetual Challenge of Emerging and Re-emerging Infectious Diseases in Egypt
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	Gamal El Sawaf , Alexandria University, Egypt
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17:30-17:50	Title: MERS the epidemic whirlwind
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	Ilham Qattan , Taibah University, Saudi Arabia
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Panel Discussion

Day 2 December 08, 2015

Grand Ball Room - 2

Keynote Forum

08:00-08:25	Title: DAS181: A Novel Host Directed Approach to Prevent and Treat Virus Infections
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	Ronald Moss , Ansun Biopharma, USA
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08:25-08:50	Title: Immunogenicity evaluation of a subunit vaccine for genital herpes in Rhesus macaques
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	Sita Awasthi , University of Pennsylvania, USA
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Sessions: Therapeutic Approaches and Targets for Viral Infections

Veterinary Virology

Viral Immunology

Organ specific Cancer and Tumor virology

Session Chair: **Sang-Moo Kang**, Georgia State University, USASession Co-chair: **Khaled Barakat**, University of Alberta, Canada

Session Introduction

08:50-09:10	Title: New approaches for developing viral vaccines against influenza and respiratory syncytial virus
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	Sang-Moo Kang , Georgia State University, USA
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09:10-09:30	Title: A new antiviral therapeutic strategy for the prevention of rotavirus infections Rebecca Parr , Stephen F Austin State University, USA
09:30-09:50	Title: Rational Design Of Immune Checkpoints' Small Molecule Inhibitors Khaled Barakat , University of Alberta, Canada
09:50-10:10	Title: Nuclear Transport Inhibitors Alter Capsid Subcellular Localisation and Replication of Venezuelan Equine Encephalitis Virus and Related New World Alphaviruses Kylie Wagstaff , Monash University, Australia
Coffee Break @ Foyer 10:10-10:30	
10:30-10:50	Title: Fixed dose combination anti-retroviral drugs had comparable immunological, virological and adherence potential with single drug combinations Yohanna Kambai Avong , Institute of Human Virology, Nigeria
10:50-11:10	Title: The Epidermal Growth Factor Receptor Regulates Cofilin Activity and Promotes Transmissible Gastroenteritis Virus Entry into Intestinal Epithelial Cells Qian Yang , Nanjing Agricultural University, China
11:10-11:30	Title: Dromedary camels and the transmission of MERS coronavirus (MERS-CoV) Maged Gomaa Hemida , King Faisal University, Saudi Arabia
11:30-11:50	Title: 13-2- Bovine Herpes Virus-1 (BHV-1): Current Scenario of South and East Asia Sharad Kumar Yadav , Uttar Pradesh Pandit Deen Dayal Upadhyay Vishvidhyalaya, India
11:50-12:10	Title: Enteric viruses in chicken enteritis Naresh Jindal , Lala Lajpat Rai University of Veterinary and Animal Sciences, India
12:10-12:30	Title: Whole Genomic Analysis of Rotaviruses Souvik Ghosh , University School of Veterinary Medicine, West Indies
Lunch Break @ Foyer 12:30-13:10	
Session Chair: C Yong Kang , Western University, Canada	
Session Co-chair: Maged Gomaa Hemida , King Faisal University, Saudi Arabia	
Session Introduction	
13:10-13:40	Special Lecture on The Antimicrobial Compound, K21, Inhibits Replication of Enveloped and Non-Enveloped DNA and RNA Viruses By: Dharam Ablashi , KHG fiteBac® Technology, HHV-6 Foundation, USA
13:40-14:10	Symposium on The Current Emerging and Re-emergent Viral Diseases Threats By: Maged Gomaa Hemida , King Faisal University, Saudi Arabia
14:10-14:30	Title: Nuclear innate sensor IFI16 recognition of hepresviral genomes and inflammasome and IFN-β responses Bala Chandran , Rosalind Franklin University of Medicine and Science, USA
14:30-14:50	Title: Engineering of Highly Efficient Recombinant Viral Vectors for Development of Prime-Boost Vaccines Against Viral Diseases C Yong Kang , Western University, Canada
14:50-15:10	Title: Transcription Profiling of CD4+ T Cells in Rhesus Macaques Infected with Simian-Human Immunodeficiency Virus and Re-challenged with SIVmac251 Hye Kyung Chung , Advanced BioScience Laboratories, USA
15:10-15:30	Title: Mechanisms of apoptosis induced in immune cells directly od indirectly by virus infection Pavel Bostik , Charles University Medical School and FMHS, Czech Republic
Coffee Break @ Foyer 15:30-15:50	
15:50-16:10	Title: Triterpen saponins isolated from plants indigenous to Kazakhstan as efficient adjuvants for mucosal immunization V Berezin , Institute of Microbiology and Virology, Kazakhstan

16:10-16:30	Title: E6 of HPV-16-variants induces invasive capacity of C-33A: Ezrin as regulator of this process Miguel Angel Mendoza Catalan , Autonomous University of Guerrero, Mexico
16:30-16:50	Title: Medical application of a nanocapsule derived from a viral capsid protein Masaaki Kawano , Saitama Medical University, Japan
16:50-17:10	Title: Prevalence of Hepatitis B and C Viruses Among Human Immunodeficiency Virus Infected Children in Northern Nigeria Grace Pennap , Nasarawa State University, Keffi, Nigeria
Poster Presentations @ Foyer 16:00-17:00	
PVC-101	Title: Occurrence of diverse dsRNA mycoviruses in Trichoderma spp. causing green mold disease of shiitake Lentinula edodes Dae-Hyuk Kim , Chonbuk National University, Korea
PVC-102	Title: Comparison of promoter activities amongst different Merkel cell polyomavirus isolates Ibrahim Abdulsalam , University of Tromsø, Norway
PVC-103	Title: Knockdown of NS1 protein by small interfering RNA suppressed NS1 but did not change levels of IFN mRNAs in the cells and mice infected with influenza A virus Tatiana Betakova , Institute of Virology, Slovak Republic
PVC-104	Title: Murine gammaherpesvirus – newly discovered properties of MHV-68 Marcela Kudelova , Institute of Virology, Slovak Republic
PVC-105	Title: Identification of genetic and proteomic biomarkers of immune reconstitution inflammatory syndrome in HIV+ patients who begin antiretroviral therapy Lucero Ramon-Luing , Laboratory of Integrative Immunology, Mexico
PVC-106	Title: A focused siRNA screen for cellular membrane-associated proteins involved in viral replication Glen R Gallagher , University of Massachusetts Medical School, USA
PVC-107	Title: Chimpanzee adenovirus expressing HA-targeting artificial microRNA protects mice against avian influenza virus, H5N1 Xinying Tang , Chinese Academy of Sciences, China
PVC-108	Title: Gene Therapy for Colorectal Cancer Using Adenovirus-Mediated Full-length Antibody Cetuximab Man Xing , Chinese Academy of Sciences, China
PVC-109	Title: Epidemiological and virological characterization of influenza A/H3N2 viruses during five seasons (2010/2011-2014/2015) in Korea Joo-Yeon Lee , Korea Centers for Disease Control and Prevention, South Korea
PVC-110	Title: Improvement and Application of Nested-PCR technique using consensus-degenerate primers to detect human herpesvirus in plasma samples from Hematopoietic Stem Cell Transplantation (HSCT) patients Talita Cristina Dellariva , State University of Campinas, Brazil
PVC-111	Title: Design and synthesis of selective, irreversible inhibitors of HAT protease- promising drug target for influenza treatment Marcin Skorenski , Wroclaw University of Technology, Poland
PVC-112	Title: Isolation of influenza viruses from swine in Kazakhstan Nailya G Klivleyeva , Institute of Microbiology and Virology, Kazakhstan
PVC-113	Title: Evaluation of cytotoxicity and antiviral effect of new oseltamivir analogues against influenza A virus Rocio Neri Bazan , ESM-IPN Laboratorio de Medicina de Conservación, Mexico
PVC-114	Title: The Association between Interleukin-28B Gene Single Nucleotide Polymorphism (rs8099917) and the Response to Pegylated Interferon and Ribavirin Combined Therapy in Egyptian Patients Chronically Infected with Hepatitis C Virus Salwa H Gomaa , Alexandria University, Egypt

Panel Discussion

Day 3 December 09, 2015

Grand Ball Room - 2

Sessions: HIV and Other Retroviral Diseases Affecting Afro-Asian Continents

Regulatory and Economical Aspects in Virology

Recent Advances in Drug Discovery

Current Focus in Virology Research

Session Chair: Anjali Joshi, Texas Tech University Health Sciences Center, USA

Session Co chair: Marcin Sieńczyk, Wroclaw University of Technology, Poland

Session Introduction

Symposium on

Anti-Viral Drug Combination Strategies

By: Ting-Chao Chou, PD Science LLC, USA &

Mohammad Intakhab Alam, Zirve University, Turkey

09:00-10:00

10:00-10:20

Title: Role of CCR5 levels in HIV-1 evolution and pathogenesis

Anjali Joshi, Texas Tech University Health Sciences Center, USA

10:20-10:40

Title: The role of human microbiome in AIDS process

Vladimir Zajac, Cancer Research Institute, Slovak Academy of Sciences, Slovak Republic

Coffee Break @ Foyer 10:40-11:00

11:00-11:20

Title: HIV-1 production is dependent on the incorporation of Dynamin-2 by Nef

Thatiane L Sampaio, University of Brasilia, Brazil

11:20-11:40

Title: HIV and Other Retroviral Diseases Affecting Afro-Asian Continents

Cathy Nisha John, University of the Western Cape, South Africa

11:40-12:00

Title: Suicidal ideation among depressed people living with HIV/AIDS in Nigeria, West Africa

Shittu Rasaan Olatunji, Kwara State Specialist Hospital, Nigeria

12:00-12:20

Title: Clinical trial of antiretroviral effects of the Medicinal synthetic Aluminum-magnesium silicate

Maduiké Ezeibe, Michael Okpara University of Agriculture, Nigeria

12:20-12:40

Title: Surveillance for viral respiratory healthcare associated infections amongst inpatients in Kenyan hospitals

Ndegwa Linus Kirimi, Infection prevention Network Kenya, Kenya

12:40-13:00

Title: Parallel and Overlapping Infection with Hepatitis B and C Viruses in Apparently Healthy Individuals in a Northern Nigerian Village

Grace Pennap, Nasarawa State University, Keffi, Nigeria

Lunch Break @ Foyer 13:00-13:40

Session Chair: Ting-Chao Chou, PD Science LLC, USA

Session Co chair: Mohammad Intakhab Alam, Zirve University, Turkey

Session Introduction

13:40-14:00

Title: Sexual orientation and risk factors for the transmission of Human Immunodeficiency Virus/ Acquired Immune Deficiency Syndrome

Dominic Abaver, Walter Sisulu University, South Africa

14:00-14:20

Title: Modeling implementation of Early Infant Male Circumcision in Rwanda: Lessons learnt

Chaste Karangwa, Rwanda Biomedical Center/HIV Division, Rwanda

14:20-14:40

Title: Personal Protective Equipment for Healthcare Workers: Dressing in the Dark

Todd E Bell, Texas Tech University Health Science Center, Amarillo, USA

14:40-15:00	Title: Metered dose inhaler containing aprotinin, a protease inhibitor, as a drug against influenza Oleg P Zhirnov , D.I.Ivanovsky Institute of Virology, Russia
15:00-15:20	Title: Targeting viral serine proteases with phosphonic inhibitors Marcin Sieńczyk , Wrocław University of Technology, Poland
15:20-15:40	Title: Vecoys and becoys, newly developed nanoparticles for targeted destruction of viral and bacterial agents Mohamed El Zowalaty , Qatar University, Qatar
Coffee Break @ Foyer 15:40-16:00	
16:00-16:20	Title: Improving in the elderly the communication and availability towards vaccinal campaigns against influenza: A local project in primary health care in North East Italy Filippo De Nicoellis , Fiumcello, Friuli Venezia Giulia, Italy
16:20-16:40	Title: Biosafety challenges in face of new or emerging viral pathogens specially in the scenario of an outbreak, in hospitals and research laboratories as well Pedro Brandão dos Santos Pedrosa , Leibniz University of Hanover, Germany
Closing Ceremony	