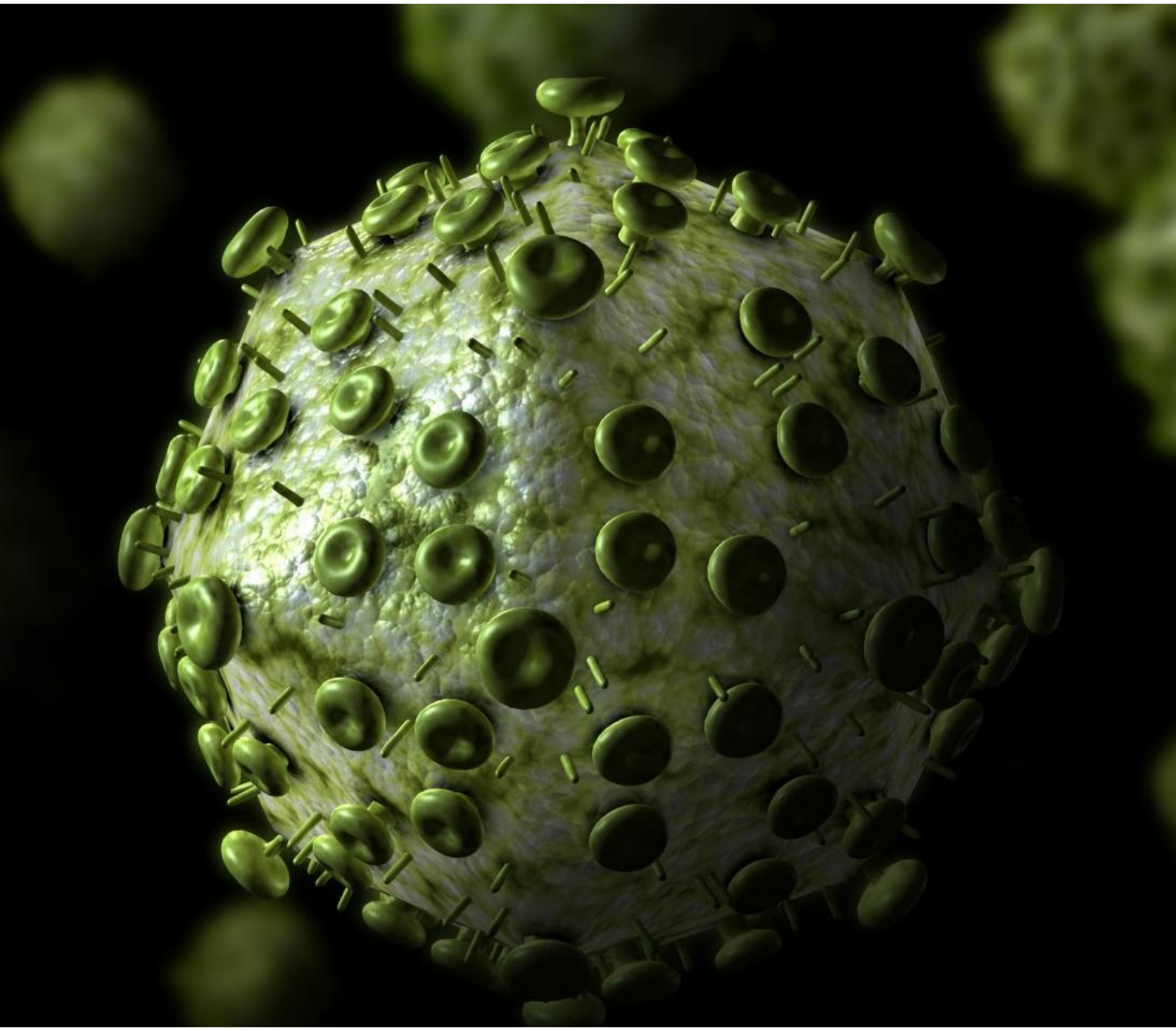
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Scientific Program

5th World Congress on

Virology

December 07-09, 2015 Atlanta, USA



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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 **Stories Behind The Cocktail and Synergism**

Ting-Chao Chou, Founder and President, PD Science LLC, USA

09:45-10:30 **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 **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

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

	Lunch Break @ Foyer 13:35-14:15
14:15-15:15	**Symposium on** **Hepatitis C: Epidemiology and Therapy Snapshot** **By: Abdelouaheb Benani,** Pasteur Institute of Morocco, Morocco & **Brian L Pearlman,** Atlanta Medical Center, USA
Session Chair: Farshad Guirakhoo, GeoVax Inc, USA **Session Co chair: C. Yong Kang,** Western University, Canada	
	Session Introduction
15:15-15:35	**Arboviral infections in India and South East Asian countries**
	Jayaraman Shanmugam, Sri Balaji Vidyapeeth University, India
15:35-15:55	**Prevalence, genetic drift of haemagglutinin, and antiviral resistance of influenza viruses circulating in Shanghai in children during 2009-2013**
	Jiehao Cai, Fudan University, China
15:55-16:15	**Adenovirus Infection in Children with Acute Lower Respiratory Tract Infections in Beijing, China, 2007 to 2012**
	Chunyan Liu, Beijing Children's Hospital, Capital Medical University, China
	Coffee Break @ Foyer 16:15-16:30
16:30-16:50	**The HBx oncoprotein of hepatitis B virus promotes cell transformation by stimulating rDNA transcription and ribosome biogenesis**
	Vijay Kumar, International centre for Genetic Enginereing and Biotechnology, India
16:50-17:10	**Molecular Studies on Tomato Leaf Curl Virus (TLCV) in Bara, Sudan**
	Sana Khalifa Mukhtar Badawi, University of Kordofan, Sudan
17:10-17:30	**Hepatitis C – A readily curable disease**
	Syed Amir Abbas, The Muhammad Hospital, Pakistan
17:30-17:50	**Title: The Perpetual Challenge of Emerging and Re-emerging Infectious Diseases in Egypt**
	Gamal El Sawaf, Alexandria University, Egypt
17:50- 18:10	**Title: MERS the epidemic whirlwind**
	Ilham Qattan, Taibah University, Saudi Arabia
Panel Discussion	

Day 2 December 08, 2015	
Grand Ball Room - 2	
Keynote Forum	
08:00-08:25	**DAS181: A Novel Host Directed Approach to Prevent and Treat Virus Infections** **Ronald Moss,** Ansun Biopharma, USA
08:25-08:50	**Immunogenicity evaluation of a subunit vaccine for genital herpes in Rhesus macaques** **Sita Awasthi,** University of Pennsylvania, USA
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, USA **Session Co-chair: Khaled Barakat,** University of Alberta, Canada	
	Session Introduction
08:50-09:10	**New approaches for developing viral vaccines against influenza and respiratory syncytial virus**
	Sang-Moo Kang, Georgia State University, USA

09:10-09:30	**A new antiviral therapeutic strategy for the prevention of rotavirus infections**
	Rebecca Parr, Stephen F Austin State University, USA
09:30-09:50	**Rational Design Of Immune Checkpoints' Small Molecule Inhibitors**
	Khaled Barakat, University of Alberta, Canada
09:50-10:10	**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	**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	**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	**Dromedary camels and the transmission of MERS coronavirus (MERS-CoV)**
	Maged Gomaa Hemida, King Faisal University, Saudi Arabia
11:30-11:50	**13-2- Bovine Herpes Virus-1 (BHV-1): Current Scenario of South and East Asia**
	Sharad Kumar Yadav, Uttar Pradesh Pandit Deen Dayal Upadhayay Vishvidhyalaya, India
11:50-12:10	**Enteric viruses in chicken enteritis**
	Naresh Jindal, Lala Lajpat Rai University of Veterinary and Animal Sciences, India
12:10-12:30	**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	**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	**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	**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	**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	**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	**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	**Medical application of a nanocapsule derived from a viral capsid protein**
	Masaaki Kawano, Saitama Medical University, Japan
16:50-17:10	**Prevalence of Hepatitis B and C Viruses Among Human Immunodefieciency 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: Searching for the potential Reservoir of MERCoV in positive dromedary camel Populations**
	Fahad Al Hizab, King Faisal University, Saudi Arabia
PVC-103	**Title: Comparison of promoter activities amongst different Merkel cell polyomavirus isolates**
	Ibrahim Abdulsalam, University of Tromsø, Norway
PVC-104	**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-105	**Title: Murine gammaherpesvirus – newly discovered properties of MHV-68**
	Marcela Kudelova, Institute of Virology, Slovak Republic
PVC-106	**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-107	**Title: A focused siRNA screen for cellular membrane-associated proteins involved in viral replication**
	Glen R Gallagher, University of Massachusetts Medical School, USA
PVC-108	**Title: Chimpanzee adenovirus expressing HA-targeting artificial microRNA protects mice against avian influenza virus, H5N1**
	Xinying Tang, Chinese Academy of Sciences, China
PVC-109	**Title: Gene Therapy for Colorectal Cancer Using Adenovirus-Mediated Full-length Antibody Cetuximab**
	Man Xing, Chinese Academy of Sciences, China
PVC-110	**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-111	**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-112	**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-113	**Title: Isolation of influenza viruses from swine in Kazakhstan**
	Nailya G Klivleyeva, Institute of Microbiology and Virology, Kazakhstan
PVC-114	**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-115	**Title: Congo Crimean Hemorrhagic Fever Immunoglobulin**
	Bolat Ospanov, Karaganda State Medical University, Kazakhstan

PVC-116	**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	
09:00-10:00	**Symposium on** **Anti-Viral Drug Combination Strategies** By: **Ting-Chao Chou,** PD Science LLC, USA **&** **Mohammad Intakhab Alam,** Zirve University, Turkey
10:00-10:20	**Role of CCR5 levels in HIV-1 evolution and pathogenesis**
	Anjali Joshi, Texas Tech University Health Sciences Center, USA
10:20-10:40	**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	**HIV-1 production is dependent on the incorporation of Dynamin-2 by Nef**
	Thatiane L Sampaio, University of Brasilia, Brazil
11:20-11:40	**HIV and Other Retroviral Diseases Affecting Afro-Asian Continents**
	Cathy Nisha John, University of the Western Cape, South Africa
11:40-12:00	**Suicidal ideation among depressed people living with HIV/AIDS in Nigeria, West Africa**
	Shittu Rasaq Olatunji, Kwara State Specialist Hospital, Nigeria
12:00-12:20	**Clinical trial of antiretroviral effects of the Medicinal synthetic Aluminum-magnesium silicate**
	Maduike Ezeibe, Michael Okpara University of Agriculture, Nigeria
12:20-12:40	**Surveillance for viral respiratory healthcare associated infections amongst inpatients in Kenyan hospitals**
	Ndegwa Linus Kirimi, Infection prevention Network Kenya, Kenya
12:40-13:00	**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	**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	**Modeling implementation of Early Infant Male Circumcision in Rwanda: Lessons learnt**
	Chaste Karangwa, Rwanda Biomedical Center/HIV Division, Rwanda

14:20-14:40	**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	**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	**Targeting viral serine proteases with phosphonic inhibitors**
	Marcin Sieńczyk, Wroclaw 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	**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 Nicolellis, Fiumcello,Friuli Venezia Giulia, Italy
16:20-16:40	**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
16:40-17:00	**Title: Effect of a microfinance-based intervention for the prevention of intimate-partner violence and HIV: a multi-centric randomized trial**
	Kalvinder Kour, NMP Medical Research Institute, India
Closing Ceremony	

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March 10-12, 2016 Madrid, Spain

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Website: http://virology.omicsgroup.com/