08:30-09:00 Registrations

09:00-09:30 Introduction

09:30-09:50 COFFEE BREAK

09:50-11:50 KEYNOTE LECTURES

MEETING HALL 01

11:50-13:10 Talks On: HIV, AIDS and other Emerging Viruses

- HIV Associated Diseases
- Viral meningitis
- Filoviruses-Ebola virus & West Nile Viruses
- Enteroviruses
- Virus Receptors & Viral Entry

MEETING HALL 02

11:50-13:10 Talks On: Human Virology and Hepatitis

- Hepatitis A
- Hepatitis B
- Hepatitis C
- Herpes Simplex Virus
- Ebola and Marburg Virus

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

14:00-16:00 MEETING HALL 01

Talks On: Plant Virology

- Tobamovirus
- Phycodnaviridae
- Geminivirus
- Bymovirus
- Tobacco Mosaic Virus

Talks On: Current Focus In Virology Research

- Stem cell therapy for viral infections: promises and challenges
- Strain identification assays and rapid diagnostic testing for viral infections
- New strategies to combat flu viruses
- Latest Developments in the Prophylactic and the Therapeutic Segment
- Translation of plant viral proteins

16:00-16:20 COFFEE BREAK

16:00-17:00 MEETING HALL 01 (16:20-17:00)

Young Researchers in Medical and Molecular Virology

17:00-18:00 MEETING HALL 01 (17:00-18:00)

Workshop

https://virology.conferenceseries.com/europe/registration.php
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<td>Workshop</td>
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Joseph C. Glorioso,
*University of Pittsburgh, USA*

John A Walsh,
*University of Warwick, UK*

Alfredo Berzal-Herranz,
*Institute of Parasitology and Biomedicine, Spain*

Jaroslav Turanek,
*Veterinary Research Institute, Czech Republic*

Maria Eugenia Ariza,
*The Ohio State University, USA*

Ming Yang,
*Canadian Food Inspection Agency, Canada*

Angela Maria Xavier Eloy,
*Brazilian Agricultural Research Corporation, Brazil*

Petr Maly,
*Czech Academy of Sciences, Czech Republic*

Zsolt Boldogkoi,
*University of Szeged, Hungary*

Zajac Vladimir,
*Cancer Research Institute BMC SAS, Slovakia*

Annette B Vogel,
*Biopharmaceutical New Technologies (BioNTech) Corporation, Germany*

Narayan Rishi,
*Amity University, India*

Prokopyeva Elena,
*Novosibirsk State University, Russia*

Dora Tombacz,
*University of Szeged, Hungary*

Shantha Kodihalli,
*Emergent BioSolutions Canada, Canada*

Selin Ozkan-Kotiloglu,
*Ahi Evran University, Turkey*

Nada Madi,
*Kuwait University, Kuwait*

Qian Yang,
*Nanjing Agricultural University, China*

Yuchen Li,
*Nanjing Agricultural University, China*

Bryan R Cullen,
*Duke University Medical Center, USA*

Adrian Whitehouse,
*University of Leeds, United Kingdom*

Taijiao Jiang,
*Institute of Basic Medical Sciences-CAMS, China*

Tae-Jin Choi,
*Pukyong National University, South Korea*

Henry Memczak,
*Stanford University School of Medicine, USA*

Diana Leibman, T
*he Volcani Center, Israel*
Slobodan Paessler,  
*University of Texas Medical Branch, USA*

Cha-Gyun Shin,  
*Chung-Ang University, Republic of Korea*

Kook-Hyung Kim,  
*Seoul National University, Republic of Korea*

S.E. Morgan,  
*University of Chicago Medicine, USA*

Christopher Chadwick,  
*World Health Organization, Switzerland*

Amina Khatun,  
*Chonbuk National University (CBNU), Republic of Korea*

Remziye Nalcacioglu,  
*Karadeniz Technical University, Turkey*

Yael Fridmann Sirkis,  
*Weizmann Institute of Science, Israel*

Francielle Tramontini Gomes de Sousa,  
*University of California –Berkeley, USA*

Chen Tao,  
*Chinese National Influenza Center, China*

Hyoun Sub Lim,  
*Chungnam National University, South Korea*

Mu Kuan Chen,  
*Changhua Christian Hospital, Taiwan*

Boyoun Moon,  
*Animal and Plant Quarantine Agency, South Korea*

Mosleb Abomughaid,  
*Bisha University, Saudi Arabia*

Shu Hui Lin,  
*Changhua Christian Hospital, Taiwan*

In Sook Cho,  
*National Institute of Horticultural and Herbal Science - RDA, South Korea*

Hyun Kim,  
*The Catholic University of Korea, South Korea*

In Hyuk Baek,  
*Korea Institute of Science & Technology Europe, Germany*

Jing An,  
*Capital Medical University, China*

A Słonska Zielonka,  
*Warsaw University of Life Science, Poland*

Sahar Essa,  
*Kuwait University, Kuwait*

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*Warsaw University of Life Science – SGGW, Poland*

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*Warsaw University of Life Sciences, Poland*

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*Warsaw University of Life Sciences, Poland*

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Warsaw University of Life Science – SGGW, Poland
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Alexandria University, Egypt

Yu-Ju Lin,
Centers for Disease Control, Taiwan

Lamyaa Al-Dalawi,
University of Nottingham, UK

Mohammad Mir,
Western University of Health Sciences, USA

Vsevolod A. Zinserling,
Saint-Petersburg University, Russia

Attila Szucs,
University of Szeged, Hungary

Antonio Alberto Rodríguez Sousa,
Complutense University of Madrid, Spain

Sven Grützmeier,
Karolinska Institutet, Sweden

Wenwen Pang,
Sichuan University, China

Jae Woong Lee,
The Catholic University of Korea, Republic of Korea

Larry Luber Martinez R,
La Maria Hospital, Colombia

Salik Nazki,
Chonbuk National University (CBNU), Republic of Korea

Chang-Gi Jeong,
Chonbuk National University (CBNU), Republic of Korea

Norbert Moldovan,
University of Szeged, Hungary

Dmytro Maltsev,
Bogomolets National Medical University, Ukraine

Izabela Serafinska,
Warsaw University of Life Sciences, Poland

Vaishali Pandey,
New Jersey Medical School, Rutgers University
Valencia Attractions

- Bridge of Flowers
- Bullring Arena
- Central Market
- British Museum
- National Portrait Gallery
- National Gallery
- Sky Garden
- Royal Botanic Gardens
- London Bridge
Glimpses of Euro Virology conference

https://virology.conferenceseries.com/europe/registration.php
Scientists Program

10th International Virology Summit

July 02-04, 2018 | Vienna, Austria
Day 1 July 02, 2018

Registrations

Hall - Fleming’s 9

conference series.com

Opening Ceremony

Keynote Forum

Introduction
Title: Development of retargeted ohsv vectors for systemic treatment of breast cancer
Joseph C. Glorioso, University of Pittsburgh, USA

Title: The quest for durable plant disease resistance
John A Walsh, University of Warwick, UK

Title: Deciphering the information coded by the functional rna domains of the hepatitis c virus genome
Alfredo Berzal-Herranz, Institute of Parasitology and Biomedicine, Spain

Group Photo

Networking & Refreshment Break

Title: Noninvasive mucosal vaccination: Recombinant and mRNA vaccine formulation, delivery systems and molecular adjuvants
Jaroslav Turanek, Veterinary Research Institute, Czech Republic

Sessions: Human Virology and Hepatitis | HIV, AIDS and other Emerging Viruses | Molecular Virology | Medical Virology | Plant Virology | Current Focus in Virology Research | Viral Oncology | Current and Novel Approach for Influenza vaccines | Influenza Vaccines and Vaccination | Pathogenesis of Influenza Virus | Influenza Viruses -Advance in Detection & Differentiation
Session Chair: Joseph C. Glorioso, University of Pittsburgh, USA
Session Co-Chair: Alfredo Berzal-Herranz, Institute of Parasitology and Biomedicine, Spain

Session Introduction

Title: Role of Herpesviruses dUTPases in the immune dysregulation associated with Myalgic Encephalomyelitis/Chronic Fatigue Syndrome and Gulf war illness
Maria Eugenia Ariza, The Ohio State University, USA

Title: Generation of monoclonal antibodies against foot-and-mouth disease virus SAT 2 and development of lateral flow strip test for virus detection
Ming Yang, Canadian Food Inspection Agency, Canada

Title: Proteins candidates for complementary diagnosis of goats naturally infected by Lentivirus
Angela Maria Xavier Eloy, Brazilian Agricultural Research Corporation, Brazil

Title: Protein binders mimicking surface glycoprotein epitopes recognized by broadly neutralizing antibodies as a new platform for identification of peptide-prints as tools for development of more protective vaccines
Petr Maly, Czech Academy of Sciences, Czech Republic

Lunch Break

Title: Long-read sequencing uncovers a hidden complexity of the herpesvirus transcriptome
Zsolt Boldogkoi, University of Szeged, Hungary

Title: AIDS process from the perspective of evolution
Zajac Vladimir, Cancer Research Institute BMC SAS, Slovakia

Title: A.I.R vaccines – A synthetic self-amplifying RNA-based vaccine against Influenza
Annette B Vogel, Biopharmaceutical New Technologies (BioNTech) Corporation, Germany

Title: Velvet bean severe mosaic begomovirus DNA-A encoded RNA silencing suppressor proteins
Narayan Rishi, Amity University, India

Title: Pathogenesis of the adapted A(H1N1)pdm09 influenza viruses in different organs of infected mice
Prokopyeva Elena, Novosibirsk State University, Russia
Title: Comprehensive analysis of Vaccinia virus transcriptome by third-generation sequencing
Dora Tombacz, University of Szeged, Hungary

Title: The protective efficacy of zika polyclonal antibodies against lethal zika virus infection in ifnar1-/- mouse model
Shantha Kodihalli, Emergent BioSolutions Canada, Canada

Title: Multiplex detection of Aspergillus fumigatus mycoviruses
Selin Ozkan-Kotiloglu, Ahi Evran University, Turkey

Title: Metagenomic Analysis of Viral Diversity in Respiratory samples from patients with Respiratory Tract Infections in Kuwait
Nada Madi, Kuwait University, Kuwait

Title: Persistent TGEV infection enhances ETEC K88 adhesion by promoting epithelialmesenchymal transition in intestinal epithelial cells
Qian Yang, Nanjing Agricultural University, China

Title: A novel pathway of virus dissemination within the host: spread of porcine epidemic diarrhea virus (PEDV) from the nasal cavity to the intestinal mucosa in swine
Yuchen Li, Nanjing Agricultural University, China

Panel Discussion

Day 2 July 03, 2018
Hall - Fleming’s 9

Keynote Forum

Title: Viral epitranscriptomics
Bryan R Cullen, Duke University Medical Center, USA

Title: Targeting herpesvirus ribonucleoprotein particle assembly: A novel antiviral strategy
Adrian Whitehouse, University of Leeds, United Kingdom

Title: Bioinformatic approaches to Infectious Diseases
Taijiao Jiang, Institute of Basic Medical Sciences-CAMS, China

Sessions:
- Bacterial Virology | Plant and Agricultural Virology | HIV, AIDS and other Emerging Viruses
- Veterinary Virology | Current Focus in Virology Research | Viral Vaccines | Zoonotic Diseases: Global Infectious Disease Burden | Evolution and Epidemiological Aspects of Influenza and Zoonotic Diseases
- Antiviral treatment for flu and public health policy

Session Chair: Bryan R. Cullen, Duke University Medical Center, USA
Session Co-Chair: John A Walsh, University of Warwick, UK

Session Introduction

Title: Isolation, characterization and application for phage biocontrol of bacteriophages infecting Acidovorax citrulli, the causal agent of bacterial fruit blotch
Tae-Jin Choi, Pukyong National University, South Korea

Title: Differentiation of Subtypes for Influenza Surveillance using a Peptide-Based Detection Platform (FluType)
Henry Memczak, Stanford University School of Medicine, USA

Title: The various roles of CsRDR1 family genes in cucumber defense against different viruses
Diana Leibman, The Volcani Center, Israel

Title: Novel platform (wEB) to study flu virus evolution and predict vaccine efficacy
Slobodan Paessler, University of Texas Medical Branch, USA

Title: Nonsynonymous mutation in integrase catalytic core domain affects feline foamy viral DNA integration
Cha-Gyun Shin, Chung-Ang University, Republic of Korea

Lunch Break
Title: Characterization of a Rsv3 Gene that confers Strain-Specific Resistance to Soybean Mosaic Virus
Kook-Hyung Kim, Seoul National University, Republic of Korea

Title: Pathogenesis of infectious pulmonary bronchiolitis associated with flu related viral respiratory illness and the drastic impact on global resources
S.E. Morgan, University of Chicago Medicine, USA

Title: Global pandemic influenza vaccine preparedness: progress under the Global Action Plan for Influenza Vaccines and next steps
Christopher Chadwick, World Health Organization, Switzerland

Title: ORF1a of RVRp22, a ribavirin-resistant attenuated phenotype of PRRSV, plays an important role on viral virulence and genetic stability assessed in pigs
Amina Khatun, Chonbuk National University (CBNU), Republic of Korea

Title: Characterization of a granulovirus from the fall webworm, hyphantria cunea
Remziye Nalcacioglu, Karadeniz Technical University, Turkey

Title: Mimivirus on a bad hair day
Yael Fridmann Sirkis, Weizmann Institute of Science, Israel

Title: Agaricus brasiliensis sulfated polysaccharide prevents DENV-2 NS1 induced endothelial barrier dysfunction in vitro
Francielle Tramontini Gomes de Sousa, University of California –Berkeley, USA

Title: “Chinese Surveillance Results: Was the Influenza Activity Level of 2017-2018 Influenza Season Close to the 2009 Influenza Pandemic?”
Chen Tao, Chinese National Influenza Center, China

Networking & Refreshment Break

Poster Presentations

| EV 01 | A methionine to threonine substitution in the overlapping MP/CP reading frames causes the symptom differences between two isolates of Youcai mosaic virus |
| EV 02 | Pinosylvin decreases matrix metalloproteinase-2 expression and suppress oral cancer cell invasion and migration |
| EV 03 | Genetic characteristics of the capsid protein (VP2) in canine parvovirus circulating in Korea |
| EV 04 | PEMT as a key enzyme in metabolic reprogramming in chronic hepatitis C infection |
| EV 05 | DDR2 overexpression in oral squamous cell carcinoma is associated to lymph node metastasis |
| EV 06 | Application of next generation sequencing (NGS) for detection of viruses and viroid infecting apple trees in South Korea |
| EV 07 | Long read sequencing of herpesvirus transcriptomes revealed widespread transcriptional interactions |
| EV 08 | Whole-genome sequencing analysis of SFTSV detected in South Korea |
| EV 09 | Fabrication of bioactive scaffolds for angiogenic biomedical application using biocompatible bacteriophage |

Poster Presentations
Sertoli cells are susceptible to ZIKV infection in mouse testis
Jing An, Capital Medical University, China

Infectious entry of equine herpesvirus-1 into primary murine astrocytes
A Słonska Zielonka, Warsaw University of Life Science, Poland

The Conceivable Influence of Persistent Genotype-4 Hepatitis C Virus Infection on Cellular Immune Subsets before, during and after Pegylated Interferon-α and Ribavirin Therapy
Sahar Essa, Kuwait University, Kuwait

Disorders of the mitochondrial homeostasis in human keratinocyte cells during HHV-1 and HHV-2 infection
M Chodkowski, Warsaw University of Life Science – SGGW, Poland

The assessment of equine herpesvirus type 1 (EHV-1) replication in equine dermal cells stimulated with synthetic TLR ligands
Golke A, Warsaw University of Life Sciences, Poland

Human adenoviruses induce nuclear actin formation in A549 cell line
J Brzezicka, Warsaw University of Life Sciences, Poland

Equine herpesvirus type 1 infection induce tau protein phosphorylation and accumulation of hyperphosphorylated tau in cultured neurons
J Cymerys, Warsaw University of Life Science – SGGW, Poland

Viral etiologies of acute respiratory infection in Egyptian children
Iman Salah Naga, Alexandria University, Egypt

National pandemic influenza preparedness plans in Taiwan
Yu-Ju Lin, Centers for Disease Control, Taiwan

Determine the molecular and biophysical importance of phospholipids on the avian influenza virus infectivity
Lamyaa Al-Dalawi, University of Nottingham, UK

Panel Discussion
Day 3 July 04, 2018
Hall - Fleming’s 9

Keynote Forum

Title: Hantavirus induced Cardiopulmonary Syndrome: A public Health Concern
Mohammad Mir, Western University of Health Sciences, USA

Title: Impact of pathology in study of viral infections
Vsevolod A. Zinserling, Saint-Petersburg University, Russia


Session Chair: Vsevolod A. Zinserling, Saint-Petersburg University, Russia
Session Co-Chair: Zsolt Boldogkoi, University of Szeged, Hungary

Title: Developing a bioinformatic package for fast identification of viral transcripts using long-read sequencing methods
Attila Szucs, University of Szeged, Hungary

Title: Virology in the biomedical field: Biotechnological tool for the treatment of cystic fibrosis
Antonio Alberto Rodriguez Sousa, Complutense University of Madrid, Spain

Networking & Refreshment Break

Title: Why Cytomegalovirus(CMV) infection is still important in patients with HIV-infection and CD4-counts < 100 x 106/mL
Sven Grützmeier, Karolinska Institutet, Sweden

Title: Spectrum of opportunistic infections and predictors of hospitalized hiv-infected patients in sichuan, China
Wenwen Pang, Sichuan University, China

Title: Full-genome sequence analysis of an uncommon norovirus from South Korea
Jae Woong Lee, The Catholic University of Korea, Republic of Korea

Title: Chilo iridescent virus (CIV) encodes two functional metalloproteases
Remziye Nalcacioglu, Karadeniz Technical University, Turkey
Title: Pure red cell Aplasia secondary to parvovirus B19 infection in HIV positive patients, clinical epidemiological description and observation in a third level hospital in Colombia
Larry Luber Martinez R, La Maria Hospital, Colombia

Title: Evaluation of pathogenicity and immunity of Type 2 Porcine Reproductive and Respiratory Syndrome virus in pigs
Salik Nazki, Chonbuk National University (CBNU), Republic of Korea

Title: Comparative pathogenicity of Type 1 and Type 2 Porcine Reproductive and Respiratory Syndrome virus in pregnant sows
Chang-Gi Jeong, Chonbuk National University (CBNU), Republic of Korea

Title: Characterization of the AcMNPV Transcriptome Using Long-read Real-time Sequencing
Norbert Moldovan, University of Szeged, Hungary

Title: Analysis of the vip3 genes in local Bacillus thuringiensis kurstaki strains and their insecticidal activity
Remziye Nalcacioglu, Karadeniz Technical University, Turkey

Title: Serum TNF alpha as a biomarker of Temporal Mesial Epilepsy associated with HHV6/HHV7 neuroinfections in humans
Dmytro Maltsev, Bogomolets National Medical University, Ukraine

Title: Replication of EHV-1 after modulation of autophagy process – in vitro research
Izabela Serafinska, Warsaw University of Life Sciences, Poland

Bookmark your dates
Day 1  March 13, 2017

Chamber Suite

Registrations

ConferenceSeries.com

Opening Ceremony

Keynote Forum

Introduction
Title: Migratory phenomena, bioethics and vaccinations
Giulio Filippo Tarro, Foundation de Beaumont Bonelli for Cancer Research, Italy

Networking and Refreshment Break @ Foyer Area
Title: A trivalent protein subunit vaccine for the treatment of Genital Herpes disease and subclinical infection in a preclinical model
Sita Awasthi, University of Pennsylvania, USA

Group Photo @

Sessions: Virology | Virology and Other Emerging Viruses | Clinical Virology
Session Chair: Juana Díez, Pompeu Fabra University, Spain

Session Introduction
Title: Host-directed broad-spectrum antiviral drugs
Juana Díez, Pompeu Fabra University, Spain
Title: The role of bacteria and yeast in the process of AIDS: an evolutionary point of view
Vladimír Zajac, Cancer Research Institute, Slovakia

Lunch Break @ W5 Grill Restaurant
Title: Human Viruses, bacteria and cancers
Luigi Santacroce, University of Bari, Italy
Title: New therapeutic method and treatment for HIV and HBsAg diagnosed positive patients of both sexes with severe forms of HPV infection (genital warts) with emphasis on vaginal, anal and cervical localization
Igor Jeremic, Polyclinic Jeremic, Serbia

Sessions: Modern Virology | Agriculture and Plant Virology | Recent Advances in Viral Therapy
Session Chair: Samira Khiar, Institute Pasteur, France

Session Introduction
Title: Therapeutic intervention of Hantavirus disease
Mohammad Mir, Western University of Health Sciences, USA
Title: Advances in methods used to study structure and function of viruses
Elena V Orlova, University of London, UK
Title: Identification of a small molecule that primes the type I interferon response to cytosolic DNA
Samira Khiar, Institute Pasteur, France

Networking and Refreshment Break @ Foyer Area
Title: Aspects in Tobamovirus management
Aviv Dombrovsky, Agricultural Research Organization (ARO), Israel
Title: Molecular characterization of foot and mouth disease virus serotypes circulating in bangladesh for the development of inactivated trivalent vaccine
M Bahanur Rahman, Bangladesh Agricultural University, Bangladesh
Title: Deep sequencing of RNAs from vigna mungo plants showing crinkle symptoms reveals the multiple virus infection
Mir Asif Iquebal, ICAR-Indian Agricultural Statistics Research Institute, India

Panel Discussion
**Title:** Prolonged shedding of Chikungunya virus in semen and urine: A new perspective for diagnosis and implications for transmission

*Verônica de França Diniz Rocha*, General Hospital Roberto Santos, Brazil

### Networking and Refreshment Break @ Foyer Area

### Sessions: Clinical and Diagnostic Virology | Virology and AIDS | Plant Virology | Viral Hepatitis

**Session Chair:** Anil Kumar, University of Missouri, USA

### Session Introduction

**Title:** Cofilin is a clinical marker of HIV-mediated CD4 T cell dysfunction  
*Yuntao Wu*, George Mason University, USA

**Title:** HIV-1 gp120 and Methamphetamine-Mediated toxicity in the brain  
*Anil Kumar*, University of Missouri, USA

**Title:** The opposing faces of interferons  
*Catherine H Schein*, University of Texas, USA

**Title:** LSDV100 and LSDV101 lumpy skin disease virus-specific PCR and real-time PCR for rapid diagnosis and vaccine quality control  
*Ausama A Yousif*, Cairo University, Egypt

### Lunch Break @ W5 Grill Restaurant

### Poster Presentation

**Title:** Serological detection and genetic characterization of Pepino mosaic virus in Moroccan tomatoes  
*Amal Souiri*, University of Hassan II Casablanca, Morocco

**Title:** The role of cellular lipid droplets in rotavirus replication: Compounds disturbing lipid droplet homeostasis decrease rotavirus replication  
*Ulrich Desselberger*, University of Cambridge, UK

**Title:** Binding of the methyl donor SAM to MERS-CoV 2'-O-methyltransferase nsp16 promotes the recruitment of the allosteric activator nsp10  
*Wahiba Aouadi*, Aix-Marseille University, France

**Title:** Study on the noninvasive markers of liver fibrosis and inflammation in chronic hepatitis B patients  
*Weifeng Liang*, Zhejiang University, China

### Networking and Refreshment Break @ Foyer Area

### Award & Closing Ceremony
Scientific Program

6th Euro Virology Congress and Expo
March 10-12, 2016 Madrid, Spain
## Keynote Forum

**Introduction**

### Track 1: Viral Evolution & General Virology

**Session Chair:** Khaled Baraket, University of Alberta, Canada  
**Session Chair:** Angelika Krumina, Riga Stradins University, Latvia  
**Title:** **Selected bioflavonoids and their activity against Chikungunya virus in vitro replication**  
**Keivan Zandi,** University of Malaya, Malaysia

**Title:** **Detection and molecular characterization of hepatitis E virus in humans, swine and wild boars in Croatia**  
**Jelena Prpic,** Croatian Veterinary Institute, Croatia

### Track 2: HIV & Other Emerging Viruses affecting Afro-Asian Continents

**Session Chair:** Khaled Baraket, University of Alberta, Canada

**Title:** **Specific mutations in the X gene of hepatitis B virus: Characterization and impact on disease progression in HBV infected Saudi patients**  
**Ahmed Al-Qahtani,** King Faisal Specialist Hospital and Research Center, KSA

**Title:** **Bovine Herpes Virus-1 (BHV-1): Current scenario of South and East Asia**  
**Sharad Yadav,** Duvasu, India

### Track 3: Viral hepatitis

**Title:** **Arboviral infections in India and south East Asian countries**  
**Jayaraman Shanmugam,** Sri Balaji Vidyapeeth, India

**Title:** **Biosafety in the research and clinical practice dealing with emerging viral pathogens especially in the scenario of an outbreak and respective to the point of evolution of virulence as a biosafety factor**  
**Pedro Brandao dos Santos Pedrosa,** Leibniz Universität, Germany

**Title:** **Single amino acid substitution in the HIV-2 gp36 ectodomain part interacting with BST-2 impairs viral release**  
**Dufrasne Francois,** Universite Catholique de Louvain, Belgium

### Track 10: Host Immune Defenses & Immunotherapy

**Session Chair:** Khaled Baraket, University of Alberta, Canada  
**Session Chair:** Angelika Krumina, Riga Stradins University, Latvia  
**Title:** **Inhaled IFN-α1b for RSV bronchiolitis**  
**Shen Kunling,** Beijing Children’s Hospital, China

**Title:** **Detection and molecular characterization of hepatitis E virus in humans, swine and wild boars in Croatia**

### Track 11: Veterinary Virology

**Session Chair:** Khaled Baraket, University of Alberta, Canada  
**Session Chair:** Angelika Krumina, Riga Stradins University, Latvia  
**Title:** **Detection and molecular characterization of hepatitis E virus in humans, swine and wild boars in Croatia**

**Jelena Prpic,** Croatian Veterinary Institute, Croatia

### Track 10: Host Immune Defenses & Immunotherapy

**Session Chair:** Khaled Baraket, University of Alberta, Canada  
**Session Chair:** Angelika Krumina, Riga Stradins University, Latvia  
**Title:** **Specific mutations in the X gene of hepatitis B virus: Characterization and impact on disease progression in HBV infected Saudi patients**

**Ahmed Al-Qahtani,** King Faisal Specialist Hospital and Research Center, KSA

**Title:** **Bovine Herpes Virus-1 (BHV-1): Current scenario of South and East Asia**

**Sharad Yadav,** Duvasu, India

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**Dufrasne Francois,** Universite Catholique de Louvain, Belgium
**Networking & Refreshments @ Salamanca**

**Session Chair:** Walter Doerfler, University of Erlangen-Nuernberg & Cologne University, Germany

**Session Co-Chair:** Hiroshi Ohrui, Yolanda Revilla, Campus de Cantoblanco, Spain

**Poster Presentations**

**EV-001**

**Title:** CIB1 and CIB2 are HIV-1 helper factors involved in envelope-mediated viral entry

**Author:** Ana Godinho-Santos, University of Lisbon, Portugal; INSERM, France

**EV-002**

**Title:** Contributions of the influenza laboratory surveillance for monitoring the effectiveness of the vaccination

**Author:** Belsy Acosta Herrera, Institute Pedro Kourí, Cuba

**EV-003**

**Title:** Absence of hepatitis E virus active infection in farm bred pigs from the central region of Portugal

**Author:** Ana Miguel Matos, University of Coimbra, Portugal

**EV-004**

**Title:** Hepatitis C virus subtype distribution and evolution characteristic among drug users, men who have sex with men and the general population in Beijing

**Author:** Liying Ma, National Center for AIDS/STD Control and Prevention, China

**EV-005**

**Title:** A Novel Mutation D404N in the connection Sub-Domain of Reverse Transcriptase of HIV-1 CRF08_BC subtype confers Cross Resistance to NNRTIs

**Author:** Bojian Zheng, The University of Hong Kong, Hong Kong

**EV-006**

**Title:** Deep sequencing analysis of HBV in chronic HBV patients from Saudi Arabia

**Author:** Sherif A El-Kafrawy, King Abdulaziz University, KSA

**EV-007**

**Title:** Molecular characterization of some Streptomyces flavovirens actinophages

**Author:** Eman Mokhtar Marei, Ain Shams University, Egypt

**EV-008**

**Title:** Development of the test kit for detection of antibodies to paramyxoviruses based on hemagglutination inhibition assay

**Author:** Oksana F Blotska, State Science Control Institute of Biotechnology and Strains of Microorganisms, Ukraine

**Track 4: Vaccines and Viral Vectors**

**Track 5: Agriculture and plant virology**

**Track 6: Clinical & Neuro Virology**

**Track 8: Therapeutic Approaches & Targets for Viral Infections**

**Track 9: Tumour Virology and Immunology**

**Session Chair:** Kunihiro Kaihatsu, Osaka University, Japan

**Session Co-Chair:** Hiroshi Ohrui, Yokohama University of Pharmacy, Japan

**Session Introduction**

**Title:** Development of Animal Model for Dengue Virus Antivirus Trial using Infected Cells

**Author:** Beti Ernawati Dewi, Universitas Indonesia alan Pegangsaan, Indonesia

**Title:** Scenario of immunodiagnostics for animal herpes viruses

**Author:** Sharad Kumar Yadav, U. P. Veterinary University, India

**Title:** Defining the nature of the cellular receptor for LGTV

**Author:** Raquel Rodrigues, Umeå University, Sweden

**Title:** Genetic characterization of Pepino mosaic virus infecting Moroccan tomatoes

**Author:** Amal Souiri, University Hassan II of Casablanca, Morocco

**Thanks giving & Closing Ceremony**

**Networking & Refreshments 15:35-15:55 @ Salamanca**
Scientific Program

5th World Congress on

Virology

December 07-09, 2015    Atlanta, USA
Keynote Forum

Title: Stories Behind The Cocktail and Synergism
Ting-Chao Chou, Founder and President, PD Science LLC, USA

Title: Emerging Human Pathogens: Human Herpes Virus-6 (HHV-6) & Human Herpesvirus-7 (HHV-7)
Dharam Ablashi, HHV-6 Foundation, KHG fiteBac® Technology, USA

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

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

Title: Review of Virus-Like Particle Production, Characterization & Comparability for Contemporary Vaccines
Michael W Washabaugh, MedImmune, USA

Title: Replication Competent Viral Vectors for Vaccine Development
Farshad Guirakhoo, GeoVax Inc, USA

Title: Characterization of Norovirus in Lebanon among hospitalized children less than 5 years old
Nada Melhem, American University of Beirut, Lebanon

Title: Viral Diseases of Ajmer Rajasthan India
Rashmi Sharma, SPC GCA, India

Title: Role of ORF 7 in Varicella Zoster Virus Tissue Tropism and Potential for Novel Vaccine
Hua Zhu, Rutgers University, USA

Title: New Insights into the Bugs in the Airway of HIV-infected Children with Lung Disease
Robin Green, University of Pretoria, South Africa

Title: tRNA retrograde transport in nuclear import of HIV-1
George Adigbli, University College London, UK

Lunch Break

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

Title: Prevalence, genetic drift of haemagglutinin, and antiviral resistance of influenza viruses circulating in Shanghai in children during 2009-2013
Jiehao Cai, Fudan University, China

Title: 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

Title: The HBx oncoprotein of hepatitis B virus promotes cell transformation by stimulating rDNA transcription and ribosome biogenesis
Vijay Kumar, International centre for Genetic Engineering and Biotechnology, India

Coffee Break

Title: Molecular Studies on Tomato Leaf Curl Virus (TLCV) in Bara, Sudan
Sana Khalifa Mukhtar Badawi, University of Kordofan, Sudan

Title: Hepatitis C – A readily curable disease
Syed Amir Abbas, The Muhammad Hospital, Pakistan

Title: The Perpetual Challenge of Emerging and Re-emerging Infectious Diseases in Egypt
Gamal El Sawaf, Alexandria University, Egypt

Title: MERS the epidemic whirlwind
Ilham Qattan, Taibah University, Saudi Arabia

Panel Discussion

Day 2 December 08, 2015
Grand Ball Room - 2

Keynote Forum

Title: DAS181: A Novel Host Directed Approach to Prevent and Treat Virus Infections
Ronald Moss, Ansun Biopharma, USA

Title: 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

Title: New approaches for developing viral vaccines against influenza and respiratory syncytial virus
Sang-Moo Kang, Georgia State University, USA

Title: A new antiviral therapeutic strategy for the prevention of rotavirus infections
Rebecca Parr, Stephen F Austin State University, USA

Title: Rational Design Of Immune Checkpoints’ Small Molecule Inhibitors
Khaled Barakat, University of Alberta, Canada

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
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

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

Title: Dromedary camels and the transmission of MERS coronavirus (MERS-CoV)
Maged Gomaa Hemida, King Faisal University, Saudi Arabia

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

Title: Enteric viruses in chicken enteritis
Naresh Jindal, Lala Lajpat Rai University of Veterinary and Animal Sciences, India

Title: Whole Genomic Analysis of Rotaviruses
Souvik Ghosh, University School of Veterinary Medicine, West Indies

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

Title: Engineering of Highly Efficient Recombinant Viral Vectors for Development of Prime-Boost Vaccines Against Viral Diseases
C Yong Kang, Western University, Canada

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

Title: Mechanisms of apoptosis induced in immune cells directly or indirectly by virus infection
Pavel Bostik, Charles University Medical School and FMHS, Czech Republic

Title: Triterpen saponins isolated from plants indigenous to Kazakhstan as efficient adjuvants for mucosal immunization
V Berezin, Institute of Microbiology and Virology, Kazakhstan

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

Title: Medical application of a nanocapsule derived from a viral capsid protein
Masaaki Kawano, Saitama Medical University, Japan

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

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 |
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
Title: Role of CCR5 levels in HIV-1 evolution and pathogenesis
Anjali Joshi, Texas Tech University Health Sciences Center, USA

Title: The role of human microbiome in AIDS process
Vladimir Zajac, Cancer Research Institute, Slovak Academy of Sciences, Slovak Republic

Coffee Break

Title: HIV-1 production is dependent on the incorporation of Dynamin-2 by Nef
Thatiane L Sampaio, University of Brasilia, Brazil

Title: HIV and Other Retroviral Diseases Affecting Afro-Asian Continents
Cathy Nisha John, University of the Western Cape, South Africa

Title: Suicidal ideation among depressed people living with HIV/AIDS in Nigeria, West Africa
Shittu Rasaq Olatunji, Kwara State Specialist Hospital, Nigeria

Title: Clinical trial of antiretroviral effects of the Medicinal synthetic Aluminum-magnesium silicate
Maduike Ezeibe, Michael Okpara University of Agriculture, Nigeria

Title: Surveillance for viral respiratory healthcare associated infections amongst inpatients in Kenyan hospitals
Ndegwa Linus Kirimi, Infection prevention Network Kenya, Kenya

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

Session Chair: Ting-Chao Chou, PD Science LLC, USA
Session Co chair: Mohammad Intakhab Alam, Zirve University, Turkey

Session Introduction

Title: Sexual orientation and risk factors for the transmission of Human Immunodeficiency Virus/Acquired Immune Deficiency Syndrome
Dominic Abaver, Walter Sisulu University, South Africa

Title: Modeling implementation of Early Infant Male Circumcision in Rwanda: Lessons learnt
Chaste Karangwa, Rwanda Biomedical Center/HIV Division, Rwanda

Title: Personal Protective Equipment for Healthcare Workers: Dressing in the Dark
Todd E Bell, Texas Tech University Health Science Center, Amarillo, USA

Title: Metered dose inhaler containing aprotinin, a protease inhibitor, as a drug against influenza
Oleg P Zhirnov, D.I.Ivanovsky Institute of Virology, Russia

Title: Targeting viral serine proteases with phosphonic inhibitors
Marcin Sieńczyk, Wroclaw University of Technology, Poland

Title: Vecoys and becoys, newly developed nanoparticles for targeted destruction of viral and bacterial agents
Mohamed El Zowalaty, Qatar University, Qatar

Coffee Break

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 Nicolellis, Fiumicello,Friuli Venezia Giulia, Italy

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