

Joint Event

10<sup>th</sup> International  
**Virology Summit**  
&  
4<sup>th</sup> International Conference on  
**Influenza &  
Zoonotic Diseases**

July 02-04, 2018 | Vienna, Austria



UK: Conference Series Ilc LTD

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<https://virology.conferenceseries.com/europe/>

<https://influenza.conferenceseries.com/>

Hall - Fleming's 9

conference**series.com** 09:00-09:25

# Opening Ceremony

## Keynote Forum

09:25-09:30 Introduction

09:30-10:00 **Title: Development of retargeted ohsv vectors for systemic treatment of breast cancer**  
Joseph C. Glorioso, University of Pittsburgh, USA

10:00-10:30 **Title: The quest for durable plant disease resistance**  
John A Walsh, University of Warwick, UK

10:30-11:00 **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 11:00-11:15 @ Foyer

11:15-11:45 **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

11:45-12:05 **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

12:05-12:25 **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

12:25-12:45 **Title: Proteins candidates for complementary diagnosis of goats naturally infected by Lentivirus**  
Angela Maria Xavier Eloy, Brazilian Agricultural Research Corporation, Brazil

12:45-13:05 **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 13:05-14:00 @ Flemings Restaurant

14:00-14:20 **Title: Long-read sequencing uncovers a hidden complexity of the herpesvirus transcriptome**  
Zsolt Boldogkoi, University of Szeged, Hungary

14:20-14:40 **Title: AIDS process from the perspective of evolution**  
Zajac Vladimir, Cancer Research Institute BMC SAS, Slovakia

- 14:40-15:00 **Title: A.I.R vaccines – A synthetic self-amplifying RNA-based vaccine against Influenza**  
Annette B Vogel, Biopharmaceutical New Technologies (BioNTech) Corporation, Germany
- 15:00-15:20 **Title: Velvet bean severe mosaic begomovirus DNA-A encoded RNA silencing suppressor proteins**  
Narayan Rishi, Amity University, India
- 15:20-15:40 **Title: Pathogenesis of the adapted A(H1N1)pdm09 influenza viruses in different organs of infected mice**  
Prokopyeva Elena, Novosibirsk State University, Russia

**Networking & Refreshment Break 15:40-15:55 @ Foyer**

- 15:55-16:15 **Title: Comprehensive analysis of Vaccinia virus transcriptome by third-generation sequencing**  
Dora Tombacz, University of Szeged, Hungary
- 16:15-16:35 **Title: The protective efficacy of zika polyclonal antibodies against lethal zika virus infection in ifnar1-/- mouse model**  
Shantha Kodihalli, Emergent BioSolutions Canada, Canada
- 16:35-16:55 **Title: Multiplex detection of Aspergillus fumigatus mycoviruses**  
Selin Ozkan-Kotiloglu, Ahi Evran University, Turkey
- 16:55-17:15 **Title: Metagenomic Analysis of Viral Diversity in Respiratory samples from patients with Respiratory Tract Infections in Kuwait**  
Nada Madi, Kuwait University, Kuwait
- 17:15-17:35 **Title: Persistent TGEV infection enhances ETEC K88 adhesion by promoting epithelialmesenchymal transition in intestinal epithelial cells**  
Qian Yang, Nanjing Agricultural University, China
- 17:35-17:55 **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

**Networking & Refreshment Break 17:55-18:10 @ Foyer**

**Panel Discussion**

**Day 2 July 03, 2018**

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**Keynote Forum**

- 09:30-10:00 **Title: Viral epitranscriptomics**  
Bryan R Cullen, Duke University Medical Center, USA
- 10:00-10:30 **Title: Targeting herpesvirus ribonucleoprotein particle assembly: A novel antiviral strategy**  
Adrian Whitehouse, University of Leeds, United Kingdom

**Networking & Refreshment Break 10:30-10:45 @ Foyer**

- 10:45-11:15 **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**

- 11:15-11:35 **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

- 11:35-11:55 Title: Differentiation of Subtypes for Influenza Surveillance using a Peptide-Based Detection Platform (FluType)**  
Henry Memczak, Stanford University School of Medicine, USA
- 11:55-12:15 Title: The various roles of CsRDR1 family genes in cucumber defense against different viruses**  
Diana Leibman, The Volcani Center, Israel
- 12:15-12:35 Title: Novel platform (wEB) to study flu virus evolution and predict vaccine efficacy**  
Slobodan Paessler, University of Texas Medical Branch, USA
- 12:35-12:55 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 12:55-14:00 @ Flemings Restaurant**

- 14:00-14:20 Title: Characterization of a Rsv3 Gene that confers Strain-Specific Resistance to Soybean Mosaic Virus**  
Kook-Hyung Kim, Seoul National University, Republic of Korea
- 14:20-14:40 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
- 14:40-15:00 Title: Global pandemic influenza vaccine preparedness: progress under the Global Action Plan for Influenza Vaccines and next steps**  
Christopher Chadwick, World Health Organization, Switzerland
- 15:00-15:20 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
- 15:20-15:40 Title: Characterization of a granulovirus from the fall webworm, hyphantria cunea**  
Remziye Nalcacioglu, Karadeniz Technical University, Turkey
- 15:40-16:00 Title: Mimivirus on a bad hair day**  
Yael Fridmann Sirkis, Weizmann Institute of Science, Israel
- 16:00-16:20 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

**Networking & Refreshment Break 16:20-16:35 @ Foyer**

**Poster Presentations 16:35-17:05 @ Foyer**

- 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**  
Hyouon Sub Lim, Chungnam National University, South Korea
- EV 02 Pinosylin decreases matrix metalloproteinase-2 expression and suppress oral cancer cell invasion and migration**  
Mu Kuan Chen, Changhua Christian Hospital, Taiwan
- EV 03 Genetic characteristics of the capsid protein (VP2) in canine parvovirus circulating in Korea**  
Boyoun Moon, Animal and Plant Quarantine Agency, South Korea
- EV 04 PEMT as a key enzyme in metabolic reprogramming in chronic hepatitis C infection**  
Mosleh Abomughaid, Bisha University, Saudi Arabia
- EV 05 DDR2 overexpression in oral squamous cell carcinoma is associated to lymph node metastasis**  
Shu Hui Lin, Changhua Christian Hospital, Taiwan

- EV 06** Application of next generation sequencing (NGS) for detection of viruses and viroid infecting apple trees in South Korea  
In Sook Cho, National Institute of Horticultural and Herbal Science - RDA, South Korea
- EV 07** Two new Pepper mild mottle virus (PMMoV) isolates collected in Korea showed different patterns of 126 kDa subcellular localization and seed transmission rate  
Hyoun Sub Lim, Chungnam National University, South Korea
- EV 08** Long read sequencing of herpesvirus transcriptomes revealed widespread transcriptional interactions  
Dora Tombacz, University of Szeged, Hungary
- EV 09** Whole-genome sequencing analysis of SFTSV detected in South Korea  
Hyun Kim, The Catholic University of Korea, South Korea
- EV 10** Fabrication of bioactive scaffolds for angiogenic biomedical application using biocompatible bacteriophage  
In Hyuk Baek, Korea Institute of Science & Technology Europe, Germany

### Poster Presentations 17:15-17:45 @ Foyer

- EV 11** Sertoli cells are susceptible to ZIKV infection in mouse testis  
Jing An, Capital Medical University, China
- EV 12** Infectious entry of equine herpesvirus-1 into primary murine astrocytes  
A Słowska Zielonka, Warsaw University of Life Science, Poland
- EV 13** The Conceivable Influence of Persistent Genotype-4 Hepatitis C Virus Infection on Cellular Immune Subsets before, during and after Pegylated Interferon- $\alpha$  and Ribavirin Therapy  
Sahar Essa, Kuwait University, Kuwait
- EV 14** 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
- EV 15** 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
- EV 16** Human adenoviruses induce nuclear actin formation in A549 cell line  
J Brzezicka, Warsaw University of Life Sciences, Poland
- EV 17** 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
- EV 18** Viral etiologies of acute respiratory infection in Egyptian children  
Iman Salah Naga, Alexandria University, Egypt
- INF 01** National pandemic influenza preparedness plans in Taiwan  
Yu-Ju Lin, Centers for Disease Control, Taiwan
- INF 02** 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

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### Keynote Forum

- 09:30-10:00** Title: Hantavirus induced Cardiopulmonary Syndrome: A public Health Concern  
Mohammad Mir, Western University of Health Sciences, USA
- 10:00-10:30** Title: Impact of pathology in study of viral infections  
Vsevolod A. Zinserling, Saint-Petersburg University, Russia

**Sessions: Current Focus in Virology Research | HIV, AIDS and other Emerging Viruses | Molecular Virology | Veterinary Virology | General Virology**

**Session Chair: Vsevolod A. Zinserling, Saint-Petersburg University, Russia**

**Session Co-Chair: Zsolt Boldogkoi, University of Szeged, Hungary**

#### Session Introduction

**10:30-10:50 Title: Developing a bioinformatic package for fast identification of viral transcripts using long-read sequencing methods**

Attila Szucs, University of Szeged, Hungary

**10:50-11:10 Title: Virology in the biomedical field: Biotechnological tool for the treatment of cystic fibrosis**

Antonio Alberto Rodríguez Sousa, Complutense University of Madrid, Spain

#### Networking & Refreshment Break 11:10-11:25 @ Foyer

**11:25-11:45 Title: Why Cytomegalovirus(CMV) infection is still important in patients with HIV-infection and CD4-counts < 100 x 10<sup>6</sup>/mL**

Sven Grützmeier, Karolinska Institutet, Sweden

**11:45-12:05 Title: Spectrum of opportunistic infections and predictors of hospitalized hiv-infected patients in sichuan, China**

Wenwen Pang, Sichuan University, China

**12:05-12:25 Title: Full-genome sequence analysis of an uncommon norovirus from South Korea**

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

**12:25-12:45 Title: Chilo iridescent virus (CIV) encodes two functional metalloproteases**

Remziye Nalcacioglu, Karadeniz Technical University, Turkey

**12:45-13:05 Title: Pure red cell Aplasia secondary to parvovirus B19 infection HIV positive patients, clinical epidemiological description and observation in a third level hospital in Colombia**

Larry Luber Martinez R, La Maria Hospital, Colombia

#### Lunch Break 13:05-14:00 @ Flemings Restaurant

**14:00-14:20 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

**14:20-14:40 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

**14:40-15:00 Title: Characterization of the AcMNPV Transcriptome Using Long-read Real-time Sequencing**

Norbert Moldovan, University of Szeged, Hungary

**15:00-15:20 Title: Analysis of the vip3 genes in local Bacillus thuringiensis kurstaki strains and their insecticidal activity**

Remziye Nalcacioglu, Karadeniz Technical University, Turkey

#### Networking & Refreshment Break 15:20-15:35 @ Foyer

#### Awards and Closing Ceremony

## Bookmark your dates

### 11<sup>th</sup> International Virology Summit

July 01-02, 2019 Valencia, Spain

E: [eurovirology@microbiologyconferences.org](mailto:eurovirology@microbiologyconferences.org)

W: [virology.conferenceseries.com/europe](http://virology.conferenceseries.com/europe)

5<sup>th</sup> International Conference on

## Influenza & Zoonotic Diseases

June 17-18, 2019 Rome, Italy

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