Scientific Program

12th World Congress on Virology

October 16-17, 2017  Baltimore, USA
Day 1  October 16, 2017

08:30-09:00 Registrations

Greenspring 1

09:00-09:20 Opening Ceremony

09:20-10:20 Special Session
Title: An impact of synthetic virology: Recoding arboviruses for vaccine development
Eckard Wimmer, Stony Brook University, USA

Keynote Forum
10:20-11:00 Title: Evolution of the genus Pestivirus: How many Pestiviruses circulate in nature?
Stefan Vilcek, University of Veterinary Medicine and Pharmacy, Slovakia

Panel Discussion
Networking & Refreshment Break 11:00-11:20 @ Alcove 1

11:20-12:00 Title: Spatiotemporal dynamics of Chikungunya and Dengue virus transmission in the Arabian Peninsula
Gamal El Sawaf, Alexandria University, Egypt

Sessions: General Virology and Basic Science | Veterinary Virology | Viral Hepatitis | Therapeutic Approaches for Viral Infections | Agriculture and Plant Virology | Viral Pathogenesis, Virulence & Latency | Advances in Drug Discovery
Session Chair: Rob Striker, University of Wisconsin, USA
Session Co-chair: Mugdha Vasireddi, Georgia State University, USA

Session Introduction
12:00-12:20 Title: Monitoring the latent HIV reservoir and immune recovery in patients on therapy
Rob Striker, University of Wisconsin, USA

12:20-12:40 Title: Necessity of modifying the angle of viewing viral infections during pregnancy
Shubhada Bopegamage, Slovak Medical University, Slovakia

12:40-13:00 Title: Resistance of DNA and RNA viruses to UV radiation
Nickolai Nossik, The D.I. Ivanovsky Institute of Virology, Russia

Panel Discussion
Lunch Break 13:00-14:00 @ Atrium Upper

14:00-15:00 Workshop
Title: Hepatitis B and C workshop: Epidemiology, treatment and prevention strategy
Abdelouahb Benani, Pasteur Institute of Morocco, Morocco

15:00-15:20 Title: Lytic bacteriophages as specific and selective probe for detection of bacterial pathogens
Sharad Kumar Yadav, DUVASU, India

15:20-15:40 Title: Impairment of NK cell activation and function during Herpes B virus infection
Mugdha Vasireddi, Georgia State University, USA

Panel Discussion
Networking & Refreshment Break 15:40-16:00 @ Alcove 1
Title: Pharmacological evaluation of the Hibiscus herbal extract against herpes simplex virus-type 1 as an antiviral drug in vitro
Zenab Aly Torky, Ain Shams University, Egypt

Title: The communication about and the availability towards vaccinal campaigns against influenza in primary health care in north east Italy: Outcomes and considerations four years later
Filippo de Nicolellis, Friuli Venezia Giulia, Italy

Title: NRDMC-BBTV non-radioactive detection and molecular characterization of Banana bunchy top virus Chennai isolate
G M Vennila, Sri Ramachandra University, India

Title: Evaluation of oncolytic use of Rotavirus Wt1-5 in acute lymphocytic leukemia REH cell line
Rafael A Guerrero R, University of Colombia, Colombia

Panel Discussion

Day 2    October 17, 2017
Greenspring 1

Keynote Forum

09:15-09:55  Title: Enhancing host resistance to infections
              Roger M Loria, Virginia Commonwealth University, USA

09:55-10:35  Title: Recent advances in molecular characterization of Bovine herpesvirus-4
              Sharad Kumar Yadav, DUVASU, India

Sessions: Global Epidemiology of HIV/AIDS, STDs, & STIs | Viral Hepatitis | Veterinary Virology | General Virology and Basic Science | Viral Pathogenesis, Virulence & Latency | Bacterial Virology | Viruses and Diseases

Session Chair: Shubhada Bopegamage, Slovak Medical University, Slovakia
Session Co-chair: Abdelouaheb Benani, Pasteur Institute of Morocco, Morocco

Session Introduction

10:35-10:55  Title: In vivo mouse model for coxsackievirus infections: Our story
              Shubhada Bopegamage, Slovak Medical University, Slovakia

Networking & Refreshment Break 10:55-11:20 @ Alcove 1

11:20-11:40  Title: Are all enteric viruses infecting pigs associated with the development of diarrhoea?
              Stefan Vilcek, University of Veterinary Medicine and Pharmacy, Slovakia

11:40-12:00  Title: Molecular epidemiology of Aleutian mink disease virus and a peptide ELISA developed in China
              Zhang Lei, Chinese Academy of Agricultural Sciences, China

12:00-12:20  Title: Molecular and serological surveillances of the african horse sickness virus on horses in the eastern and central regions of Saudi Arabia 2014-2016
              Maged Gomaa Hemida, King Faisal University, Saudi Arabia

12:20-12:40  Title: Hepatitis B epidemiology in Morocco
              Abdelouaheb Benani, Pasteur Institute of Morocco, Morocco

12:40-13:00  Title: Tuberculosis in patients with HIV-infection in Russia: Cohort study over the period of the year 2015-2016
              Marina Nosik, I.I. Mechnikov Research Institute of Vaccines and Sera, Russia

Panel Discussion

Lunch Break 13:00-14:00 @ Atrium Upper
## Symposium

14:00-15:00

**Title:** Viral foodborne pathogens: The current understanding and the future prospective  
**Maged Gomaa Hemida,** King Faisal University, Saudi Arabia

### Session

15:00-15:20

**Title:** Prevalence of Hepatitis B and C in Jos, Plateau State, Nigeria  
**Janet U Itelima,** University of Jos, Nigeria

15:20-15:40

**Title:** Studies on the prevalence of human papillomavirus (HPV) among HIV seropositive women  
**Festus Onwuliri,** University of Jos, Nigeria

### Panel Discussion

15:40-16:00

**Title:** Prevalence of HIV infection in pulmonary tuberculosis suspects: Assessing the Nnamdi Azikiwe University Teaching Hospital, Nnewi, Nigeria  
**Uzoewulu Ngozi G,** Nnamdi Azikiwe University, Nigeria

**Title:** Comparison of viral load and CD4 values of ARV naïve and ARV challenged HIV patients in Taraba State Nigeria  
**Margaret C Attah,** Federal Medical Centre, Nigeria

**Title:** Does any correlation exist between HBV DNA viral load and HBeAg/Ab titer using Real Time Taqman PCR and conventional serum titration techniques respectively? The National Hospital Abuja Nigeria Experience  
**Ajobiewe Olu Joseph,** National Hospital Abuja, Nigeria

16:00-16:00

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**Margaret C Attah,** Federal Medical Centre, Nigeria

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**Ajobiewe Olu Joseph,** National Hospital Abuja, Nigeria

16:40-17:00

**Title:** Prevalence of urinary tract infection among HIV infected female in port harcourt  
**Ndukwu Juliet Ifunanya,** Nasarawa State University, Nigeria

### Panel Discussion

16:10-17:00

**Title:** Deep sequencing analysis of HBV in chronic HBV patients from Saudi Arabia  
**Sherif A El-Kafrawy,** King Abdul Aziz University, Saudi Arabia

**Title:** Full-genome sequence analysis and molecular characterization of an uncommon Norovirus from South Korea  
**Soon-Young Paik,** Catholic-University, Republic of Korea

**Title:** Incidence of HCV in general population of district Swat, Pakistan  
**Zafran Khan,** University of Swat, Pakistan

**Title:** A snapshot on the molecular epidemiology of hepatitis B and C in Morocco  
**Warda Baha,** Pasteur Institute of Morocco, Morocco

### Poster Presentations @ 16:10-17:00

**WCV 01**  
**Title:** Deep sequencing analysis of HBV in chronic HBV patients from Saudi Arabia  
**Sherif A El-Kafrawy,** King Abdul Aziz University, Saudi Arabia

**WCV 02**  
**Title:** Full-genome sequence analysis and molecular characterization of an uncommon Norovirus from South Korea  
**Soon-Young Paik,** Catholic-University, Republic of Korea

**WCV 03**  
**Title:** Incidence of HCV in general population of district Swat, Pakistan  
**Zafran Khan,** University of Swat, Pakistan

**WCV 04**  
**Title:** A snapshot on the molecular epidemiology of hepatitis B and C in Morocco  
**Warda Baha,** Pasteur Institute of Morocco, Morocco

### Panel Discussion & Award Ceremony & Closing Ceremony