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4th International Conference on

Influenza And Zoonotic Diseases

July 2-3, 2018

Vienna, Austria



SCIENTIFIC PROGRAM

DAY 1
Monday, 2nd July

08:30-09:00 **Registrations**

09:00-09:30 **Introduction**

09:30-09:50 COFFEE BREAK

09:50-11:50 Meeting Hall 01 **KEYNOTE LECTURES**

MEETING HALL 01

11:50-13:10 **Talks On:**

- Influenza Outbreaks
- Current and Novel Approach for Influenza vaccines
- Influenza Vaccines and Vaccination

13:10-13:15 GROUP PHOTO

13:15-14:00 LUNCH BREAK

MEETING HALL 01

14:00-16:00 **Talks On:**

- Pathogenesis of Influenza Virus
- Influenza Viruses -Advance in Detection & Differentiation
- Epidemic Influenza

16:00-16:20 COFFEE BREAK

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

Young Researchers in Influenza and Zoonotic Diseases

DAY 2
Tuesday, 3rd July

09:00-10:30 Meeting Hall 01 — **KEYNOTE LECTURES**

10:30-10:50 COFFEE BREAK

MEETING HALL 01

10:50-12:50 **Talks On:**

- Influenza and other Respiratory Tract Infection Therapy
- Zoonotic Diseases: Global Infectious Disease Burden
- Tracking and Preventing Zoonotic Infectious diseases

12:50-13:35 LUNCH BREAK

MEETING HALL 01

13:35-15:55 **Talks On:**

- Epidemiology of Zoonotic Influenza
- Evolution and Epidemiological Aspects of Influenza and Zoonotic Diseases
- Antiviral treatment for flu and public health policy

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)

Poster Presentations

Organizing Committee Members



Hossein Hajiali Afzali

The University of Adelaide
South Australia



Reza Nassiri

Institute of International Health
USA



Giulio Tarro

Temple University
USA



Ülkü Anik

Muğla Sıtkı Koçman University
Turkey



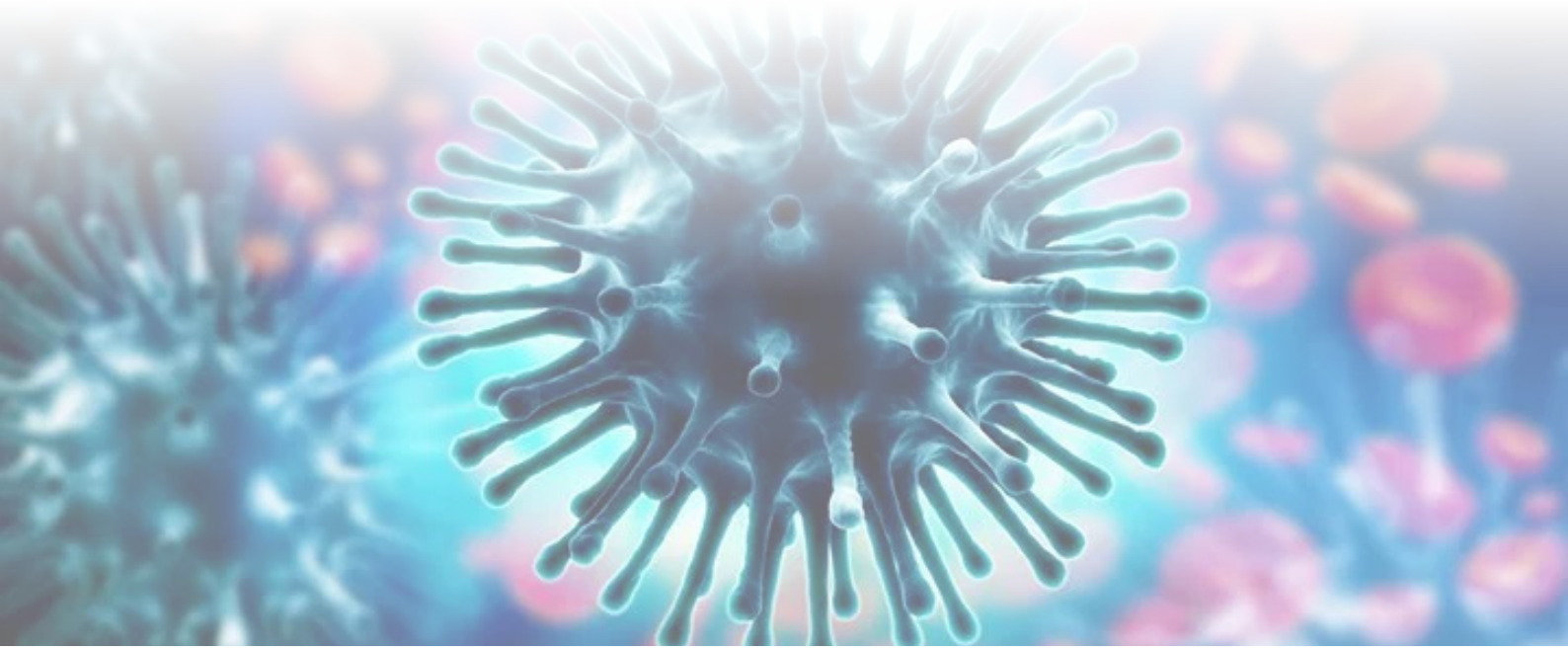
Jaroslav Turánek

Veterinary Research Institute
Czech Republic



Laushkina Zhanna

Novosibirsk Tuberculosis
Research Institute, Russia



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4th International Conference on Influenza and Zoonotic Diseases

JULY 02-03, VIENNA, AUSTRIA

AGENDA

Title: Noninvasive mucosal vaccination: recombinant and mRNA vaccine formulation, delivery systems and molecular adjuvants

Jaroslav Turánek
Veterinary Research Institute,
Czech Republic

Jaroslav Turánek has his expertise in nanotechnology focused on drug delivery systems based on liposomes for construction of self-assembled vaccination nanoparticles and molecular-based adjuvants. He is pioneering the technologies of nanofibre-based mucoadhesive films for noninvasive mucosal vaccination and "printed vaccine technology". Jaroslav Turánek has completed his PhD at the age of 27 years from Masaryk University Brno. He is the head of Department of Pharmacology and Immunotherapy, Veterinary Research Institute, Brno. He has published more than 75 papers on vaccines, drug targeting, anticancer and antimicrobial drugs in reputed journals.

Title: A.I.R vaccines – A synthetic self-amplifying RNA-based

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

Dr Annete Vogel is presently the Head of Infectious Disease Vaccines, BioNTech AG, Germany. She has been associated with Friedrich-Loeffler-Institut, Federal Reserch Institute for Animal Health as scientist. She has done her education from Georg-August-University Goettingen and completed her DSc from Eberhard-Karls-University Tubingen. She has many publications to her name like "PAR1 contributes to influenza A virus pathogenicity in mice", "Influenza virus infection aggravates stroke outcome" to name a few. Her Research interest spans around cell culture, animal models, infectious disease, flow cytometry, virology, vaccination, serology and genomics.

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

Petr Maly is head of Laboratory of Ligand Engineering at the Institute of Biotechnology, Czech Academy of Sciences in Vestec, Czech Republic. He studied at Department of Biochemistry, Faculty of Science, Charles University in Prague, Czech Republic(1980-1985) and completed doctorate at the Institute of Molecular Genetics ASCR (IMG) in Prague. He spent postdoctoral fellowship (1992-1995) at Department of Pathology and Howard Hughes Medical Institute, The University of Michigan Medical School, Ann Arbor, USA, in the laboratory of Prof. John B. Lowe where he published several substantial papers related to *in vivo* role of mammalian glycosyl transferases.

SPEAKER SLOTS AVAILABLE

Title: Bioinformatic Approaches to Infectious Diseases

Taijiao Jiang
Chinese Academy of Medical Sciences, China

Professor Taijiao Jiang has obtained his PhD in Biochemistry and Molecular Biology from the Institute of Biochemistry and Cell Biology, Chinese Academy of Sciences in 1999 and his Master Degree of Computer Science from Yale University in 2003. After his postdoc researches in Yale Biology Department (1999-2002) and MIT Biology Department (2003-2005), he got a professorship in the Institute of Biophysics Chinese Academy of Sciences. In 2015, he joined in the Chinese Academy of Medical Sciences & Peking Union Medical College and cofounded the Suzhou Institute of Systems Medicine (www.ismsz.cn/Index/EDefault). He is now the Director of Center of Biomedical Big Data of Chinese Academy of Medical Sciences. He has published more than 40 papers in reputed journals and has been serving as the president of Bioinformatics branch of the Chinese Biophysics Society since November 2017.

Title: Differentiation of Subtypes for Influenza Surveillance Using a Peptide-Based Detection Platform (Flu Type)

Henry Memczak
Stanford University School of Medicine, USA

Henry Memczak studied nanotechnology at the University of Kassel, Germany and completed his PhD in biochemistry in 2014 at the University of Potsdam, Germany and the Fraunhofer Institute for Cell Therapy and Immunology, Germany. He has worked on the development of analytical biosensors for influenza detection and methods for peptide-based biointeraction analysis for several years, published several papers, holds two patents and co-founded the company qpa bioanalytics GmbH for the commercialization of novel peptide biochips. For his dedicated translational research he received several awards and scholarships.

Title: Global pandemic influenza vaccine preparedness: progress under the Global Action Plan for Influenza Vaccines

Christopher Chadwick
World Health Organization, Switzerland

Christopher Chadwick is a Technical Officer in the Global Action Plan for Influenza Vaccines Secretariat at the World Health Organization. Previously, he was a Global Health Officr in the Office of Global Affairs at the U.S. Department of Health and Human Services. Christopher received a Master of Science in Public Health with a concentration in microbiology and emerging infectious diseases from the Milken Institute School of Public Health at George Washington University and a Bachelor of Science in microbiology from Louisiana State University.

SPEAKER SLOTS AVAILABLE

Title: Novel platform (WEB) to study flu virus evolution and

Veljko Veljkovic
Biomed Protection, USA

Dr. Veljko Veljkovic is bioinformatics scientist in the Institute of Nuclear Sciences VINCA, Belgrade, Serbia and co-founder of the first electronic biology company Biomed Protection, Galveston, US. Veljkovic's main scientific achievements are: discovery of the electron-ion interaction potential (EIIP) and establishing the concept the long-range molecular interactions (LRMI) in biological systems. Veljkovic published over 90 articles in peer reviewed journals and several monographs and patents.

Title: Delay diagnosis of tuberculosis and associated factors

Laushkina Zhanna
Novosibirsk Tuberculosis Research Institute, Russia

Laushkina Zhanna works as a senior researcher and as a physician in the Novosibirsk Tuberculosis Research Institute since 1994. She got her PhD degree in 1999 and her Doctor of Medicine degree in 2016. Currently she works as a leading researcher and her main scientific interest is the issues of differential diagnosis of pulmonary tuberculosis and other lung diseases.

Title: Study of the Iron Chelating Effect of Green Tea in Smear Positive TB Patients Using Sputum Smear, Serum Malondialdehyde and Blood Iron Indices

Shahryar ghtesadi
Azad University, Science and Research Branch

Shahryar Eghtesadi received Bachelor degree in Nutrition Science and Food Chemistry 1975, from Shahid Beheshti University of Medical Sciences, Tehran; MSPH degree in Nutrition, 1977, from Tehran University of Medical Sciences, Tehran and PhD from University of California at Davis(UCD), USA, in Nutrition (1985). He served as Visiting Scientist in USDA Human Nutrition Research Center on Aging (HNRCA), Boston, USA (1994-1995); full professor of Tabriz, Iran and Tehran Universities of Medical Sciences and currently serves as Professor of Azad University, Science & Research Branch directed many projects and dissertation of MS and PhD programs and Published numerous peer reviewed articles in journals.

SPEAKER SLOTS AVAILABLE

Title: Pathogenesis of the Adapted A (H1N1)pdm09 Influenza

Prokopyeva Elena
Novosibirsk State University, Russia

Prokopyeva Elena has completed her PhD at the age of 29 years from FBRI State Research Center of Virology and Biotechnology 'Vector'(Koltsovo, Russia). Dissertation title: «Phenotypic and genotypic properties of pandemic influenza A(H1N1)pdm09 virus during adaptation to mice of different genotypes». She conduct postdoctoral studies from Novosibirsk State University and Research Center of Experimental and Clinical Medicine (Novosibirsk, Russia). She is the researcher of the Laboratory experimental simulation and pathogenesis of infectious diseases, and the teacher of the course "Embryology" and " General Histology" at Novosibirsk State University (NSU). She has published more than 25 papers in reputed journals.

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

Sherwin Morgan completed his respiratory care training from Malcolm X College of Respiratory Care in Chicago, IL. He is an advanced respiratory care practitioner with the National Board for Respiratory Care in the United States. He is Clinical Practice and Development /Educator/Research Coordinator for the Department of Respiratory Care Services, Section of Pulmonary and Critical Care Medicine at the University of Chicago Medicine. He has published more than 25 peer review papers in multiple medical journals. He has designed, engineered, and collaborated with a number of research studies with the pulmonary medicine department.

Title: Molecular survey of Influenza A virus transmission in a wild bird – backyard poultry interface in Mexico

Liliana Gaytán Cruz
Universidad Nacional Autónoma de México, Mexico

Liliana is a master´s student (M.Sc.) in Animal Health in the Universidad Nacional Autónoma de México. She has participated in the 66th WDA Annual International Conference and in the X National Congress of Virology with a poster and an oral presentation respectively. She collaborates in the Laboratory of Diseases Ecology and One Health of the Facultad de Medicina Veterinaria y Zootecnia. She is interested in the ecology of emerging infectious diseases and in the wildlife and domestic animal diseases epidemiology.

SPEAKER SLOTS AVAILABLE

Title: Molecular evaluation of anti-influenza activity of glycoside

Parvaneh Mehrbod
University of Pretoria, South Africa

Parvaneh Mehrbod, academic member of Pasteur Institute of Iran, started her postgraduate study in 2006 at University of Tehran in the field of Cellular and Molecular Biology and pursued her PhD study in Molecular Biotechnology at Universiti Putra Malaysia. She was successful to obtain postdoctoral fellowship awards from Universiti Putra Malaysia (2014), Pasteur Institute of Iran (2016) and University of Pretoria (2016-2017). These years' experiences of research provided her with the opportunity and enthusiasm for successful international collaborations. She has several publications of her research findings in peer reviewed journals and conference proceedings, and has many more in collaborations.

Title: Association between rs12252 and influenza: An updated

Tao Chen
1National Institute for Viral Disease Control and prevention, China

Chen Tao, teamleader of epidemiology team from Chinese National Influenza Center National Institute for Viral Disease Control and Prevention, China CDC, member of the national immunization program working group and visiting scholar of University of Florida. Responsible for the management of influenza surveillance network in China, working on the surveillance of influenza and avian influenza activity, and the research of transmission dynamics of influenza virus. Participated in the prevention and control of a number of new infectious diseases, including A(H1N1)pdm09, human infection of avian influenza H7N9, H5N1 and H10N8, MERS (Middle East Respiratory Syndrome) and so on. In 2015, went to Sierra Leone to participate in the field work of fighting Ebola hemorrhagic fever.

Title: Development of electronano diagnostic platforms for influenza virus detection based on neuraminidase activity assessment

Ülkü Anık
Mugla Sıtkı Kocman University, Turkey

Ulku Anik was born in Nicosia, Cyprus in 1973. She has received her Ph.D. degree in Analytical Chemistry in Ege University, Bornova, İzmir-Turkey in 2003. She is currently a full professor at the Department of Chemistry, Mugla Sıtkı Kocman University, Mugla, Turkey. Her current researchs are nanomaterial based electrochemical/bioelectrochemical systems,electrochemical sensors and biosensors, centri-voltammetry/biocentri-voltammetry, biofuel cells and electroanalytical chemistry. She has recently focused on developing electronano diagnostic platforms for detection of important diseases like influenza and cancer.

SPEAKER SLOTS AVAILABLE

Title: Small ruminant Brucellosis and awareness of pastoral

Wubishet Zewdie
Affiliation Yabello Regional Veterinary Laboratory

Dr Wubishet graduated from Addis Ababa University College of Veterinary Medicine and Agriculture in 2008 by Doctor of Veterinary Medicine (DVM) and completed my MSc in Veterinary Microbiology from the same University in July 2017. He is the director of Yabello Regional Veterinary Laboratory. He has published about 10 papers in different journals and he is associated editor of Annals of Reviews and Research (ARR) journal at juniper publishers' organization.

Title: Interactions of recombinant Gallus gallus SEPT5 with

Jasmine Elanie Khairat
Jeffrey Cheah School of Medicine and Health Sciences

Jasmine has completed her PhD at the age of 30 from Monash University and continued to pursue her postdoctoral fellowship at Tropical Infectious Diseases Research and Education Centre, University of Malaya. She is currently an academician in the Faculty of Science, Institute of Biological Sciences in the same university, lecturing on Virology subject.

Title: Isobaric tags for relative and absolute quantitation labelling-based proteomic analysis of Mycoplasma mycoides of causative agent of contagious bovine pleuropneumonia

Haili Li
Institute of Animal Husbandry and Veterinary Science, China

Haili Li has completed his PhD at the age of 30 years from Northwest A&F University and postdoctoral studies from Commonwealth Scientific and Industrial Research Organization (CSIRO). He is the director of Institute of Animal Husbandry and Veterinary Science, a premier Henan Academy of Agricultural Sciences. He has published more than 10 papers in reputed journals and has been serving as an editorial board member of repute.

SPEAKER SLOTS AVAILABLE

Title: Phylogenetic analysis of human influenza A viruses isolated in Iran during the 2015-2016 season

Atefeh Mohebbi
Islamic Azad University

Mohebbi.A student of Microbiology at the age of 31 years has been studying at the Azad University of Shiraz, Iran since 2014. she has done her Ph.D. thesis in Influenza and other Respiratory Viruses of Pasteur Institute from Iran, with the guidance of Dr. Fotohi from 2015 to 2017. This abstract is based on thesis research.

Title: Genetic Characterization of Circulating 2015-2016

Fatemeh Fotouhi
of Influenza and other Respiratory Viruses, Pasteur Institute

Fatemeh Fotouhi has completed her PhD in 2006 from Tarbiat modares University, Tehran, Iran and postdoctoral studies from Kingston University, Ontario, Canada. She is the director of Influenza and other Respiratory Viruses, Pasteur Institute of Iran. She has published more than 50 papers in reputed journals and has been serving as an editorial board member of Iranian Journal of Virology and Jundishapour Journal of Microbiology.

Title: Protectivity and immunogenicity assessment of cocktail vaccine of Influenza Virus

Behrokh Farahmand
Pasteur institute

Behrokh Frahmand has PhD degree from the National Institute of Genetic and Biotechnology (NIGEB), Tehran, Iran, in 2011. She is the director of vaccine resarch lab of Influenza and other respiratory department of Pasteur institute of Iran. Her current research interests include protein engineering, polyclonal antibody production and active and passive immunological evaluation of proteins and polyclonal antibodies as vaccine candidate. She has published papers in reputed journals.

SPEAKER SLOTS AVAILABLE

Vienna Attractions



Influenza Reminisce













Glimpses of Influenza 2017















