EuroSciCon

12th Edition of International Conference on Microbiology, Antibiotics and Public Health

April 22-23, 2020, Berlin, Germany

AGENDA

Biography

EuroSciCon

Title: targeted antimicrobials blocking sodium-motive respiratory pump in Gram-negative pathogens

Dr. Pavel Dibrov
University of Manitoba,
Canada

Pavel Dibrov is a professor of microbiology in University of Manitoba. He is primarily interested in the molecular mechanisms of the sodium transport, especially in bacterial pathogens. His lab's approach is based upon the combination of methods from membrane bioenergetics, molecular cloning, in silico modeling and metagenomic analysis.

Title: Clostridium-Enriched Enterotype Contribute to Bile Acid Oversynthesis in Patients with Diarrhea-Predominant Irritable Bowel Syndrome

Mr. Zhao-xiang Bian,
Baptist University,
Hong Kong

Bile acid (BA) overexcretion, strongly linking with the severity of bowel symptoms, affects a considerable population of diarrhea-predominant irritable bowel syndrome (IBS-D), Some genetic and metabolic mechanisms derived from the host have been documented however the role of gut microbiota has received little attention. To investigate gut microbiota and its effect on BA metabolism in IBS-D, a series of metabolic and microbial experiments were performed from bedside to bench.

Title: Possible role of CCR5delta32 mutation in AIDS process: evolutionary view

Vladimir Zajac,
Cancer Research
Institute BMC SAS,
Slovakia

Vladimir Zajac has completed his PhD. in 1982 at the Cancer Research Institute of Slovak Academy of Sciences in Bratislava (Slovakia), where he worked as the Head of Department of Cancer Genetics from 1996 to 2010. He joined the Medical Faculty of the Comenius University as Associate Professor of Genetics in 2007. He has published 74 papers mostly in reputed journals and he was editor of the book „Bacteria, viruses and parasites in AIDS process"(In Tech, 2011).

SPEAKER SLOTS AVAILABLE

Biography

EuroSciCon

Title: Multispecies biofilms as a model to study antimicrobials efficacy against foodborne pathogens.

Miss. Katarzyna Kosznik-Kwaśnicka,
Polish Academy of Sciences, Poland

Katarzyna Kosznik-Kwaśnicka, MSc graduated from University of Gdańsk with a master's degree in biology, specialisation: molecular biology in 2013. From 2013 to 2017 took part in the research regarding the evolution of bacteriophages. Took up PhD studies at the Institute of Biochemistry and Biophysics, Polish Academy of Sciences in October 2017 on the project focusing on comparison of effectiveness of phage preparations and antibiotics in eradication of Salmonella enterica under laboratory conditions and on experimental bird model.

Title: Comparison of biofilm formation by Salmonella enterica on different surfaces and its degradation by phages.

Karolina Ciemińska,
University of Gdańsk, Poland

Miss Karolina Ciemińska is a final year master biology student. She works as a member of a team that focuses on phage use against *Salmonella enterica* in farming animals and food production. In her study she is explores the differences in phage life cycle depending on growth conditions of host cells

Title: Inhibition of Pseudomonas aeruginosa Virulence Factors, such as Microbial Growth, Biofilm Formation, Phenazine and eDNA Release by Albanian Propolis

Aida Meto,
University of Modena and Reggio Emilia, Italy

Dr. Aida Meto is graduated in Dentistry. She is at the last year of 3-year-PhD program, in "Clinical and Experimental Medicine" Doctoral School, University of Modena and Reggio Emilia, Modena, Italy. Dr. Meto has won several prizes: on April 2013, 1st Prize with an oral presentation (18th BASS Congress); on December 2015, 7th place from the top ten, with a poster presentation (Harvard University); on April 2017, "Best Article of the Issue" (EC Dental Science Journal). On January 2019, she published a book, entitled "Applicazione dei prodotti apistici nelle patologie della polpa dentale", under EAI/OMNISCRIPTUM Publishing Group (Germany).

SPEAKER SLOTS AVAILABLE

Biography

EuroSciCon

Title: Study of the RecA protein in the context of diagnosis applications

Mrs. Elsa del Val,
University:INSA de Lyon,
France

Elsa del Val is a PhD student at the INSA de Lyon Engineering School, in France. She is affiliated to the Microbiology, Adaptation and Pathogeny laboratory of the Lyon university and to the biotechnology company bioMérieux. She started her PhD just after graduating from the INSA de Lyon as an engineer. She works on the RecA protein in the context of diagnosis applications.

Title: Morphology of blood microbiota induced by sodium salts and high temperature

Reni Kalfi,
Bulgarian Academy of Sciences
Bulgaria

Dr. Reni Kalfin is a professor in pharmacology at the Bulgarian Academy of Sceinces and Director of the Institute of Neurobiology. Dr. Stefan Panaiotov is a professor in microbiology at the National Center of Infectious and Parasitic Diseases at Sofia Both researchers are studying the biodiversity and role of the blood microbiota in health and disease. Recently published article on the subject: Panaiotov S., Filevski G., Equestre M., Nikolova E. and Kalfin R. Cultural Isolation and Characteristics of the blood Microbiome of Healthy Individuals *Advances in Microbiology.*

Title: Microbial communities of the Georgian coastal waters of the Black Sea revealed by whole genome metagenomic sequencing

Ms. Ekaterine Jaiani,
George Eliava Institute of Bacteriophages
Georgia

Dr. Ekaterine Jaiani is a senior scientist at the G. Eliava Institute of Bacteriophage, Microbiology and Virology. Her main research areas are environmental microbiology and bacteriophage research, specifically diversity of microorganisms in the natural water environments, investigation of new bacteriophages against pathogens of medical and agricultural importance. She had work experience at different universities and research institutes in Germany, UK, France and USA. She has published over 65 research institutes in Germany, UK, France and USA. She has published over 65 research articles, abstracts and book chapters.

SPEAKER SLOTS AVAILABLE

Biography

EuroSciCon

Title: Are TEM and CTX Beta-Lactamase genes common among urinary isolates from Ain Shams Hospital Intensive Care units?

Nadia M.Elsheshtawy,
Ain Shams University,
Egypt

Dr.Nadia Elsheshtawy is an Assistant professor of Microbiology and Immunology Faculty of Medicine Ain Shams University Cairo Egypt and Infection control consultant. I graduated in 2003 and since then my main interest was microbiology and Infection control work. I finished my PHD at the age of 30. I published many papers concerned in neonatal sepsis and virulence factors in Acinetobacter and Pseudomonas species, rapid detection methods for E.coli (ESBL),

Title: Acquired Immunodeficiency Syndrome (AIDS): Is That Nightmare Around to End???

Wafaa Ahmed Zahran,
Menoufia University
Egypt.

Human immunodeficiency virus (HIV), causative agent of acquired immunodeficiency syndrome (AIDS), is a global health concern. HIV is one of the blood borne viruses that can be transmitted from person to person through blood or body fluids.

Title: Revision of the doctrine of acute pneumonia-an inevitable prerequisite for solving the problem.

Igor Klepikov,
Pediatric surgeon,
USA

Excessive fascination with antibiotics as a universal remedy gradually and imperceptibly narrowed the perception of the nature of many diseases.To date, the main treatment of acute pneumonia (AP) is similar to the treatment of diseases with fundamental differences in their localization, mechanism of development and clinical manifestations, and the result of medical recommendations is an elementary empirical distribution of antibiotics between different categories of patients.

SPEAKER SLOTS AVAILABLE

Biography

EuroSciCon

Title: Single-Chain Antibodies to ETA: Potential Therapeutic Agent against Pseudomonal Infection.

Ms. Sirijan Santajit
Mahidol University
Thailand

Ms. Sirijan Santajit is a Ph.D. (Tropical Medicine) candidate in Mahidol University and my ongoing research project is about the production of human monoclonal single-chain variable fragments (HuscFvs) that can neutralize the biological activities of Exotoxin A and interfering quorum sensing signals in *Pseudomonas aeruginosa* using phage display technology and the computerized simulation to predict insight into the mechanism of the antibodies render bacterial virulence factors neutralization. In the future,

Title: Design and Production of recombinant chimeric variant of Staphylokinase with anti-thrombotic property for Ischemic Strokes

Vandana,
CSIR-Institute of Microbial Technology &BanasthaliVidyapith, India

Vandana is a graduate student in Banastahli Vidyapith, India and affiliated to CSIR-Institute of Microbial Technology, India. She has been working under the supervision of Dr. Girish Sahni. She is well versed with molecular biology and protein purification techniques. Her doctoral research investigated the construction of fusion molecules with dual efficacies which include clot specificity as well prevention/inhibition of re-occlusion. She has two publications from these studies.

Title: Therapeutic effects of Enantia chlorantha (Annonaceae) Stem Bark extracts in salmonella Typhi-induced rats

Merline Namekong Djimeli,
University of Dschang, Cameroon

Djimeli Namekong Merline has her expertise in Biochemistry, Pharmacology. She is a PhD holder from the University of Dschang, Cameroon where she is a member of Microbiology and Antimicrobial Substances research team. She has built her expertise by investigating the antioxidant and antimicrobial properties of some medicinal plants used in Cameroon against diseases like typhoid fever and others. In this field, she is author or co-author of seven publications in peer reviewer journals.

SPEAKER SLOTS AVAILABLE