

SCIENTIFIC PROGRAM

SESSION LECTURE

No.38

Research Progress In Agents Against Drug-Resistant Infection

Room: 311A

Co-Chairs: Jiandong Jiang



Gerald B. Pier



Day 2 October 28th (Sunday) 13:30 – 17:00

Time	Speaker	Title
13:30-14:00	Jiandong Jiang <i>Institute of Medicinal Biotechnology, Chinese Academy of Medical Sciences, China</i>	Drug R&D against AMR in China
14:00-14:30	Gerald B. Pier <i>Harvard Medical School, Brigham and Women's Hospital, USA</i>	Targeting Drug-Resistant Infections by Inducing Protective Immunity in Humans to the Broadly Expressed Microbial Surface Polysaccharide Poly-N-acetyl Glucosamine
14:30-15:00	Chia Y. Lee <i>University of Arkansas, USA</i>	Virulence regulation by global regulators and its impact on pathogenicity in <i>Staphylococcus aureus</i>
15:00-15:30	Tea Break	
15:30-16:00	Ju-Tao Guo <i>Baruch S. Blumberg Institute, UK</i>	Hepatitis B virus core protein allosteric modulators disrupt multiple steps of viral replication
16:00-16:30	Demin Zhou <i>Peking University, China</i>	Manipulation of Viral Genome in Conversion of Life-Threatening Viruses as Precision Therapeutics
16:30-17:00	Qiwen Yang <i>Peking Union Medical College Hospital, China</i>	Current AMR status of gram-negative bacteria in China



Jiandong Jiang

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Dr. Jian-Dong Jiang worked as an institute director in the Institute of Medicinal Biotechnology, Chinese Academy of Medical Sciences (CAMS) / Peking Union Medical College (PUMC) in Beijing. Dr. Jiang is currently the president of the Institutes of Pharmaceutical Sciences as well as director of the Institute of MateriaMedica, CAMS / PUMC. His research in drug R&D covers infectious diseases, cancer and metabolic disorders.



Chia Y. Lee

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He is a bacteriologist focusing on Staphylococcus aureus pathogenesis research. In late 1986, he joined the University of Kansas Medical Center as an Assistant Professor, rose through the ranks and became a Full Professor in 1999. He was recruited to the University of Arkansas for Medical Sciences in 2004 until present.



Demin Zhou

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He got his bachelor degree from Beijing Medical University in 1990 and joint Ph.D. degree from Beijing Medical University / University of Tsukuba, Japan in 1996. After 3 years teaching in University of Tsukuba, Dr. Zhou went to USA in 1999 as a postdoctoral for further training in University of California at Berkeley/The Scripps Research Institute. From the end of 2008, Dr. Zhou was recruited by Peking University as a full professor in China. Yangtze River Scholars Distinguished Professor, Leading Scientist for China "973" Major Project. Research area is to develop new chemicals and biotechnologies, based on integration of chemistry and biology, for development of anti-virus and anti-cancer drugs. Associate Editor of Molecular Pharmaceutics, editorial board member for J Med Chem, Eur J Med Chem and Inter J Virology & AIDS.



Gerald B. Pier

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His major research focus is in the areas of bacterial pathogenesis and antigenic targets for vaccines. Dr. Pier has published over 310 peer-reviewed papers, edited an immunology textbook for ASM Press and contributed chapters to the major textbooks of medicine and infectious diseases. He is currently a member of the NIH Study Section Host Interactions with Bacterial Pathogens, an elected member of the American Academy of Microbiology, an elected Fellow of the American Association for the Advancement of Science, and a member of numerous professional organizations.



Ju-Tao Guo

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Dr. Ju-Tao Guo is W. Thomas London Distinguished Professor and Vice President for Research, Baruch S. Blumberg Institute. His current research efforts are primarily focused on understanding the molecular mechanism of the dual effects of CpAMs on nucleocapsid assembly/disassembly and cccDNA biosynthesis, identification of molecular targets for therapeutic elimination or inactivation of cccDNA and development of STING agonists for treatment of chronic hepatitis B and liver cancer.



Qiwen Yang

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He got the degree of Medical Doctor with the major of clinical laboratory medicine from Peking Union Medical College. He is the secretary general and steering committee member of Chinese committee of antimicrobial susceptibility testing (ChiCAST). He is Visiting professor of China Biomerieux university. He is also the member of clinical laboratory standards committee of China, International Exchange and Promotive Association for Medical and Health Care (CPAM). Prof Yang's research area is clinical microbiology, antimicrobial resistance surveillance, clinical and molecular epidemiology of ESBL and carbapenem-resistant Enterobacteriaceae in China.