

## SCIENTIFIC PROGRAM

### SESSION LECTURE

No. 35

Global Health and Infection Diseases

Room: 402B

Co-Chairs: George Fu Gao



Carlos M. Morel



Day 2 October 28<sup>th</sup> (Sunday) 13:30 – 17:00

Time	Speaker	Title
13:30-14:00	<b>George Fu Gao</b> <i>Chinese Center for Disease Control and Prevention, China</i>	Opening Speech
14:00-14:30	<b>Carlos M. Morel</b> <i>Oswaldo Cruz Foundation, Ministry of Health, Brazil</i>	Evaluating the innovative capacity of developing countries for their relevance to health innovation, neglected tropical diseases research and for the prevention and control of epidemics
14:30-15:00	<b>Marco Aurelio Krieger</b> <i>Oswaldo Cruz Foundation, Brazil</i>	Brazilian First Response to Zika Virus outbreak
15:00-15:30	<b>Alexander Shestopalov</b> <i>University of Rochester, USA</i>	Avian Influenza Surveillance: LPAI viruses and HPAI H5Nx virus in northern Eurasia (2016-2018)
15:30-16:00	<b>David Oyen</b> <i>The Scripps Research Institute, USA</i>	The structural mechanism of antibody recognition of the major surface antigen on malaria sporozoites
16:00-16:30	<b>Qiyong Liu</b> <i>Institute for Communicable Diseases Control and Prevention, China CDC</i>	Landscape of emerging and re-emerging infectious diseases in China: impact of ecology, climate, and behavior
16:30-17:00	<b>Xiaoli Wang</b> <i>Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences, China</i>	Infectious diseases, Global health and a healthy community of shared future for mankind



### George Fu Gao

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Chinese Center for Disease Control and Prevention, Institute of Microbiology at Chinese Academy of Sciences, Academician of Chinese Academy of Sciences. His research focuses on the “host jump” or interspecies transmission of the emerging zoonotic pathogens. He has also done a great deal of the work underlying the immune cell molecular recognition mechanism, some of which are milestone work for immune recognition and response.



### Carlos M. Morel

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Senior researcher at the Oswaldo Cruz Foundation (Fiocruz), Ministry of Health, Rio de Janeiro, Brazil. Academician of the Brazilian Academy of Sciences and TWAS Fellow. His major interests are neglected tropical diseases (NTDs) and evaluation of innovative capacity of developing countries. Recipient of the TechMining for Global Good award 2018.



### Marco Aurelio Krieger

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Mr. Marco Krieger is currently the Vice-President of Production and Innovation in Health of Oswaldo Cruz Foundation (FIOCRUZ). He has experience in Genetics, with emphasis on Molecular Parasitology, working mainly on the following topics, gene expression, functional genomics, cell differentiation and use of Molecular Biology techniques for the development of diagnostic tests.



### Alexander Shestopalov



### David Oyen

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Researcher at The Scripps Research Institute. He is currently working with Dr. Ian Wilson in order to elucidate the structural mechanism of the immune response against Plasmodium falciparum malaria using X-ray crystallography, NMR spectroscopy and cryoelectron microscopy.



### Qiyong Liu

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Prof. & Director, WHO CC for Vector Surveillance and Management, National Institute for Communicable Diseases Control and Prevention, China CDC. He has been engaged in the researches on vector and vector borne diseases since 1985. He is striving for the Chinese strategy change from Integrated Vector Management (IVM) to Sustainable Vector Management (SVM) in China and is promoting it in line with the Global Vector Control Response 2017-2030.



### Xiaoli Wang

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Wang is associate professor of Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences. His research focuses on interface of life science and policy analysis, particularly biosafety and biosecurity. He serves as member of Chinese Preventive Medicine Association, China Medicinal Biotech Association, and guest professor of the Techxcope Think Tank.