

and their students at 6 leading institutes of public health, veterinary medicine, and environmental science in the USA.

East China Normal University, Shanghai, China (Shuyi Zhang and Guangjian Zhu)
Dr. Zhang is Dean of the Institutes for Advanced Interdisciplinary Research at East China Normal University. Over (b) (4) square metres is allocated to his research group at ECNU. The lab is fully capable of carrying out molecular, protein, epidemic disease and evolution research. Experimental equipment includes: Roche 454 (GS FLX Titanium System), Bioinformatics Computer Server, Multi-Channel Neurophysiology Workstation TDT, PCR Amplifier, Real time PCR Amplifier, Electrophoresis, Ultra-low Temperature Freezer, Centrifuge, UV-Visible Spectrophotometer, Two-dimensional Electrophoresis, Vertical Electrophoresis System, Incubator, Clean Bench, and Class II-Biosafety Cabinet, Hybridization Oven, Water Purification System, and Shaker.

Wuhan Institute of Virology, Wuhan, China (Zhengli Shi and Xingyi Ge)
The Shi laboratory includes 4 rooms totaling (b) (4), one equipped with two CO₂ incubators for tissue culture, one equipped facilities including with high speed centrifuge, 2 -20°C, 3 -80°C freezers, 2 PCR machines, 1 ELISA plate reader, one for molecule diagnosis equipped with two biosafety cabinets, and one normal laboratory equipped various small equipment items (mini-centrifuges, gel electrophoresis units, circulating adjustable water baths, and heat blocks). Also available to Dr. Shi's group is a fully equipped biosafety level 3 laboratory, a newly opened BLS-4 laboratory (the first in China) and Institute-supported facility center, which houses full-time staff and equipment for electronic microscopy, ultracentrifugation, confocal microcopy, and sequencing machine.

The Wuhan Institute of Virology is China's premier institute for virological research. It consists of three research departments and one center: Department of Molecular Virology, Department of Bio-control, Department of Analytical Biochemistry and Biotechnology, and the Virus Resource and Bioinformation Center of China. It also has the Key Laboratory of Molecular Virology of CAS, the Joint-laboratory of Invertebrate Virology, a HIV Pre-screening Lab and Hubei Engineering and Technology Research Center for Viral Diseases. The institute is further divided into 14 research groups, one of which is run by Dr Zhengli Shi. The supporting system of the institute consists of an Analytical Equipment Center, an Experimental Animal Center, an Editorial Office of "Virologica Sinica" and an Computer Network Center. The virus resource and bio-information center of China contains the largest virus bank in Asia, curating around 800 viral strains.

The Institute collaborates with the World Health Organization (WHO), universities and research institutes in more than 30 counties and regions including EcoHealth Alliance in the USA. There are 14 professors, 36 associated professors, 47 assistant professors conducting research on virology and five of these have been awarded honors in the "Hundred Talents Project". The institute has built a BSL-3 lab and a 600 m² experimental animal center. In 2013, the first BSL-4 lab in China was opened at this