



WIV and Other Researcher Profiles

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1. **Zhiqiang Wu**
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5. **Zhiqiang Wu**

Danielle Anderson (Australian Citizen)



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Position: Medical Scientist, Viral Infectious Diseases, Discovery Research at The University of Melbourne, Department of Microbiology and Immunology (DMI) , The Royal Melbourne Hospital, Victorian Infectious Diseases Reference Laboratory (VIDRL)

<https://www.doherty.edu.au/people/dr-danielle-anderson>

Anderson began collaborating with Wuhan researchers in 2016, when she was scientific director of the biosafety lab at Singapore's Duke-NUS Medical School. An expert in bat-borne viruses, the Victorian is the only foreign scientist to have undertaken research at the Wuhan Institute of Virology's BSL-4 lab. Her most recent stint ended in November 2019, giving Anderson an insider's perspective on a place that's become a flashpoint in the search for what caused the worst pandemic in a century. The Wuhan Institute of Virology is large enough that Anderson says she didn't know what everyone was working on at the end of 2019. She is aware of published research from the lab that involved testing viral components for their propensity to infect human cells. Anderson did concede that it would be theoretically possible for a scientist in the lab to be working on a gain of function technique to unknowingly infect themselves and to then unintentionally infect others in the community.

Australian scientist, the sole foreign researcher at the Wuhan lab, speaks out:
<https://archive.ph/xM3ge>

Publications:

<https://www.researchgate.net/profile/Danielle-Anderson-8>

https://scholar.google.com/citations?user=Qx_-72oAAAAJ&hl=en

Kristian G. Andersen (Danish Citizen)



Email: lab@andersen-lab.com

Evolutionary biologist

Professor in the Department of Immunology and Microbiology at Scripps Research, California.

<https://www.scripps.edu/faculty/andersen/>

Publications:

<https://andersen-lab.com/publications/>

An Xuefang (WIV) 安学芳



Director of Animal Centre at WIV

Email: anxf@wh.iov.cn

Contact: Mr. An, 027-87198839, anxf@wh.iov.cn

http://www.whiovcas.cn/zp/202306/t20230620_6783829.html

<https://a.xueshu.baidu.com/scholarID/CN-BA74DY7J>

<http://english.whiov.cas.cn/itc/announcements/202104/W020211115516192627339.pdf>

Research:

<https://a.xueshu.baidu.com/scholarID/CN-BA74DY7J>

Biao He (AMMS) 何彪



2025 Email: heb-001001@163.com

Professor Military Veterinary Institute AMMS

Changchun Veterinary Research Institute: Changchun, Jilin, CN

Principal Investigator (Department of Virology)

Key Laboratory of Jilin Province for Zoonosis Prevention and Control,

Institute of Military Veterinary,

Academy of Military Medical Sciences,

Changchun, Jilin 130062, China

Yunnan Bat Virus Investigator

Biao He worked in the group that isolated Zhoushan viruses ZC45 and ZXC21 and works at Ningyi Jin's military veterinary institute with Changchun Tu, who worked with Zheng-Li Shi of the Wuhan Institute of Virology and Linfa Wang,

Changchun Veterinary Research Institute: Changchun, Jilin, CN

2021-01-01 to present | Principal Investigator (Department of Virology)

<https://orcid.org/0000-0001-7587-152X>

January 2017 - March 2019

Institute of Military Veterinary Medicine

Department of Virology

Research Associate

September 2009 - July 2014

Military Veterinary Research Institute

Department of Virology

PhD Student

<https://www.researchgate.net/profile/Biao-He-2>

Publications

<https://sciprofiles.com/user/publications/2384685>

Virome characterization of game animals in China reveals a spectrum of emerging pathogens

<https://www.sciencedirect.com/science/article/pii/S0092867422001945>

A compendium of 8,176 bat RNA viral metagenomes reveals ecological drivers and circulation dynamics (2025)

Co-authored with Changchun Tu

<https://www.nature.com/articles/s41564-024-01884-7>

<https://www.nature.com/articles/s41564-024-01884-7>

Bo Wang (WIV) 王博

NO PHOTO

Email: bow2012@163.com

State Key Laboratory of Virology and National Virus Resource Center, Wuhan Institute of Virology (until 2021)

Moved to Guangzhou sometime after 2021:

The Third Affiliated Hospital of Guangzhou Medical University, Guangzhou Medical University, Guangzhou 511436, China.

Found here (2024):

Identification of differentially expressed miRNAs in plasma exosomes from patients with early-onset pre-eclampsia using next generation sequencing

<https://pubmed.ncbi.nlm.nih.gov/38322831/>

and

TurboID-mediated proximity labeling technologies to identify virus co-receptors (2024)

<https://pmc.ncbi.nlm.nih.gov/articles/PMC11236563/>

Establishment of a Reverse Genetic System of Severe Fever with Thrombocytopenia Syndrome Virus Based on a C4 Strain (Published: 15 March 2021)

We thank Prof. Wuchun Cao from State Key Laboratory of Pathogen and Biosecurity, Beijing Institute of Microbiology and Epidemiology for providing SFTSV WCH-2011/HN/China/isolate 97; Dr. Leike Zhang from Wuhan Institute of Virology, Chinese Academy of Sciences, for generously providing the BSR-T7 cells.

<https://link.springer.com/article/10.1007/s12250-021-00359-x>

Wang, B., Yang, XL., Li, W. et al.

Detection and genome characterization of four novel bat hepadnaviruses and a hepevirus in China. *Virology* 14, 40 (2017).

<https://doi.org/10.1186/s12985-017-0706-8>

<https://virologyj.biomedcentral.com/articles/10.1186/s12985-017-0706-8>

Isolation and Characterization of a Novel Bat Coronavirus Closely Related to the Direct Progenitor of Severe Acute Respiratory Syndrome Coronavirus

<https://pmc.ncbi.nlm.nih.gov/articles/PMC4810638/>

Publications:

<https://www.researchgate.net/scientific-contributions/Bo-Wang-2193880706>

Chang Li (PLA) 李昌



Email: lichang78@163.com

Li Chang, Associate Researcher, Military Medical College, Academy of Military Sciences

Research Unit of Key Technologies for Prevention and Control of Virus Zoonoses, Chinese Academy of Medical Sciences,

Military Veterinary Institute, Academy of Military Medical Sciences, Changchun, China.

Research with Ningyi Jin:

Generation and Evaluation of Recombinant Baculovirus Coexpressing GP5 and M Proteins of Porcine Reproductive and Respiratory Syndrome Virus Type 1

<https://www.liebertpub.com/doi/abs/10.1089/vim.2021.0018?doi=10.1089%2Fvim.2021.0018>

A G3P[3] bat rotavirus can infect cultured human cholangiocytes and cause biliary atresia symptom in suckling mice

<https://pmc.ncbi.nlm.nih.gov/articles/PMC11738784/>

The “LLQY” Motif on SARS-CoV-2 Spike Protein Affects S Incorporation into Virus Particles

<https://journals.asm.org/doi/10.1128/jvi.01897-21>

Publications:

<https://www.researchgate.net/profile/Chang-Li-33>

Changchun Tu 涂长春



Email: Changchun_tu@hotmail.com

AMMS, PLA, Bat Researcher, Pangolin Viruses.

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Jiangsu Co-Innovation Center for Prevention and Control of Important Animal Infectious Diseases and Zoonosis, Yangzhou University,

Yangzhou, Jiangsu Province, China

<https://www.researchgate.net/scientific-contributions/Changchun-Tu-2112817693>

<https://www.researchgate.net/scientific-contributions/Chang-Chun-Tu-2092743225>

<https://loop.frontiersin.org/people/412851/overview>

<https://sciprofiles.com/profile/401273>

Changchun Military Veterinary Research Institute, Chinese Academy of Agricultural Sciences
Changchun , China

He, Biao., Tu, Changchun. (2013). **Hepatitis virus** in long-fingered bats, Myanmar. *Emerging infectious diseases*, 19(4), 638–640.

Biao He, Changchun Tu, Virome Profiling of Bats from Myanmar by Metagenomic Analysis of Tissue Samples Reveals **More Novel Mammalian Viruses**. *PLOS ONE* 8(6) 28 Jun 2013.

He, Biao., Tu, Changchun. (2015). **Filovirus RNA** in Fruit Bats, China. *Emerging infectious diseases*, 21(9), 1675–1677.

He, Biao, Tu, Changchun. (2015). **Nairobi sheep disease virus RNA** in ixodid ticks, China, 2013. *Emerging infectious diseases*, 21(4), 718–720

Biao He, Changchun Tu. Group A **Rotaviruses** in Chinese Bats: Genetic Composition, Serology, and Evidence for **Bat-to-Human Transmission** and Reassortment *Journal of Virology* May 2017, 91 (12).

Biao He. Virome analysis for identification of **novel mammalian viruses in bats** from Southeast China. *Sci Rep* 7, 10917 (2017).

Biao He, Changchun Tu. Seroprevalence, cross antigenicity and circulation sphere of bat-borne **hantaviruses** revealed by serological and antigenic analyses. *PLoS Pathog* 15(1), 2019.

Biao He, Changchun Tu, Virome profiling of rodents in Xinjiang Uygur Autonomous Region, China: Isolation and characterization of a new strain of **Wenzhou virus**, *Virology*, Volume 529, 2019, Pages 122-134.

Biao He, Changchun Tu, Wenjie Gong. Isolation and Characterization of Porcine **Astrovirus 5** from a Classical Swine Fever Virus-Infected Specimen. *Journal of Virology* Dec 2020, 95



Xianzhu Xia

Ningyi Jin



Biao He

Changchun Tu

Changchun Tu, Biao He. Seroreactive Profiling of **Filoviruses** in Chinese Bats Reveals Extensive Infection of Diverse Viruses. *Journal of Virology* Mar 2020, 94 (7).

On board of WIV

Scientific Advisory Committee of Center for Emerging Infectious Diseases, WIV, CAS

Director: Linfa WANG, Australian Animal Health Laboratory, CSIRO, Geelong, Australia.

Deputy Director: Raoul HERVE, Co-Directeur du Laboratoire P4 INSERM Jean Mérieux, Lyon, France.

Members:

Wu-Chun CAO, Beijing Institute of Microbiology and Epidemiology, State Key Laboratory of Pathogen and Biosecurity, Beijing, China.

Kaw Bing CHUA, National Public Health Laboratory, Buloh-Selangor, Malaysia.

Vencent DEUBEL, Institute of Pasteur, Shanghai, CAS, China

Guo-dong LIANG, Chinese Center for Disease Control and Prevention, Beijing, China.

John S MACKENZIE: Professor of Tropical Infectious Diseases, Australian Biosecurity CRC, Curtin University of Technology, Australia.

Pei-yong SHI, University of Texas, USA.

Stefan WAGENER, National Microbiology Laboratory, Public Health Agency of Canada, 1015 Arlington Street, Winnipeg, Manitoba R3E 3R2, Canada.

Chang-chun TU, Institute of Military Veterinary, Academy of Military Medical Sciences, Changchun, China.

Christian BRECHOT, Institut Mérieux, France.

Xian'en ZHANG, Institute of Biophysics, CAS, China

Guo-ping ZHAO, Laboratory of Health and Disease Genomics, Chinese National Human Genome Center at Shanghai, China.

Nan-shan ZHONG, Guangzhou Institute of Respiratory Diseases, China.

Changjun Wang (PLA) 王长军



Department of Epidemiology, College of Preventive Medicine, Third Military Medical University, Chongqing, 400038, China.

Department of Epidemiology, Research Institute for Medicine of Nanjing Command, Nanjing, 210002, China.

Email: science2008@hotmail.com.

Department of Epidemiology, Research Institute for Medicine of Nanjing Command, Nanjing, 210002,

<https://www.walshmedicalmedia.com/author-profile/changjun-wang-383142>

Member Expert Group Of Novel Coronaviruses Of PRC

Leader Joint Group Of Military Experts Arrived Wuhan Jan 29 2020

Isolated Zhoushan Bat Viruses:

Bat coronaviruses ZC45 and ZXC21, discovered on an island off the coast of Zhejiang province were isolated, and characterized by military research laboratories in the Third Military Medical University (Chongqing, China) and the Research Institute for Medicine of Nanjing Command (Nanjing, China), with the data and associated work being published in 2018.

Genomic characterization and infectivity of a novel SARS-like coronavirus in Chinese bats (2018)

<https://pubmed.ncbi.nlm.nih.gov/30209269/>

Other publications

<https://www.semanticscholar.org/author/Changjun-Wang/47074723>

<https://loop.frontiersin.org/people/639071/overview>

<https://sciprofiles.com/profile/438847>

<https://www.researchgate.net/scientific-contributions/Changjun-Wang-38917425>

Chao Shan (WIV) 单超



Title: Principal Investigator at WIV

E-mail: shanchao@wh.iov.cn

Publications:

http://english.whioiv.cas.cn/sourcedb/rck/202007/t20200702_644544.html

Research Group of Arbovirus Diseases and Vaccine

Professor and Group Leader WIV Deputy Director WNLB

Postdoctoral at UTMB

The University of Texas Medical Branch at Galveston | UTMB · Department of Biochemistry and Molecular Biology

Doctor of Philosophy

<https://www.researchgate.net/profile/Chao-Shan>

Wuhan Institute Of Virology: Wuhan, CN

2019-12-17 to present | PI

University of Texas Medical Branch: TX, TX, US

2015-12-08 to 2019-12-15 | Postdoctoral Fellow (Biochemistry and Molecular Biology)

<https://orcid.org/0000-0002-3953-3782>

Cheng-Feng Qin (AMMS BIME) 秦成峰



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Deputy Director of Department of Virology

Institute Of Microbiology and Epidemiology AMMS

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Research Unit of Discovery and Tracing of Natural Focus Diseases,

Chinese Academy of Medical Sciences, Beijing, China.

State Key Laboratory of Pathogen and Biosecurity, Beijing, 100071.

Guangzhou Eighth People's Hospital, Guangzhou Medical University,

Guangzhou, 510060, China.

Research:

<https://www.researchgate.net/profile/Cheng-Feng-Qin>

<https://scholar.google.com/citations?user=9bOwyE0AAAAJ&hl=en>

Generation and evaluation of ZIKV mutants

<https://www.embopress.org/doi/full/10.15252/embr.201847016>

U4 at the 3' UTR of PB1

Segment of H5N1 Influenza Virus

Promotes RNA Polymerase Activity and Contributes to Viral Pathogenicity

<https://journals.plos.org/plosone/article/authors?id=10.1371/journal.pone.0093366>

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Director Vector Borne Disease and Control Department of Microbiological Epidemiology AMMS

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Research:

<https://www.researchgate.net/profile/Chun-Xiao-Li>

<https://www.researchgate.net/scientific-contributions/Chun-Xiao-Li-2229528876>

<https://www.scilit.com/scholars/25874848>

Rene Courcol (French Citizen)



Email 1: rene.courcol@chru-lille.fr

Email 2: rcourcol@chru-lille.fr

Numéro de Téléphone 03 21 50 96 74

Numéro de Téléphone 09 62 35 15 12

<https://www.pagesjaunes.fr/particuliers/07RDT5B>

Date of Birth : 1948

<https://www.idref.fr/073439932>

Professeur de bactériologie (PU-PH) à la Faculté de médecine à l'Université Lille 2 Droit et Santé (2016), chef de service du Laboratoire de Bactériologie-Hygiène du CHRU de Lille (2002)

Institute of Microbiology, University Hospital Center, Lille, France.

University of Lille Nord de France, Lille,

<https://pubmed.ncbi.nlm.nih.gov/25312827/> (2014)

https://biologiepathologie.chu-lille.fr/Flash_infos/FlashInfo20120531.pdf

On LinkedIn he lists himself as:

Expert technique biosecurite et biosurete - Management de la qualite

Institut de Virologie de Wuhan (Chine)

Oct 2017 - Present 7 years 5 months (i.e. until 2024)

<https://fr.linkedin.com/in/ren%C3%A9-courcol-220922104>

Mr René Courcol, international technique expert for quality assurance in the Wuhan P4 Laboratory since 2017

"I assisted the Wuhan P4 laboratory in carrying out certification work, so that it could continuously meet the updated Chinese and international standards," said Mr René Courcol, international technique expert for quality assurance in the Wuhan P4 Laboratory since 2017. His work towards quality control and biosafety in the laboratory is carried out under the framework of the China-France cooperation agreement on infectious diseases. He pointed out that the laboratory was approved by the China National Accreditation Service for Conformity Assessment (CNAS).

<https://govt.chinadaily.com.cn/s/202005/22/WS5ec74253498ede88abf83da3/cas-merieux-foundation-strengthen-cooperation-to-defeat-covid-19-pandemic.html>

Quality management in a high-containment laboratory (co-authored with Zheng Li Shi and two other WIV authors).

National Biosafety Laboratory, Wuhan Institute of Virology, China Academy of Sciences, Wuhan 430071, China

<https://www.sciencedirect.com/science/article/pii/S2588933818300062?via%3Dihub>

He refused to discuss publicly the question of biosafety at the WIV Laboratories which he helped advise on.

CAS, Mérieux Foundation strengthen cooperation to defeat COVID-19 pandemic (June 2020)

Mr. Alain Mérieux, President of Mérieux Foundation said that after four months of the COVID-19 pandemic that has profoundly affected the entire world, it is crucial today to reinforce medical and scientific collaborations between China and France and also with other countries because epidemics can only be fought through global and long-term approaches. He congratulated Chinese scientists on their achievements in vaccine and antiviral drugs development, which will greatly benefit the Chinese population and also the rest of the world. Mérieux Foundation will continue to support partnerships like the regional infectious disease surveillance “Great Mekong project”, that is particularly relevant after the COVID-19 crisis.

“I assisted the Wuhan P4 laboratory to carry out certification work, so that it could continuously meet the updated Chinese and international standards,” said Mr. René Courcol, international technique expert for quality assurance in Wuhan P4 Laboratory since 2017. His work on quality control and biosafety in the laboratory is carried out under the framework of the China France cooperation agreement on infectious diseases. He pointed out that the laboratory was approved by China National Accreditation Service for Conformity Assessment (CNAS).

Mr. Tang Hong, Director-General of the Institute Pasteur Shanghai (IPS) and Mr. Fernando Arenzana-Seisdedos, the Co-Director, briefed the productive progress of IPS in Sino-French cooperation projects and the research progress in diagnostic test, antibodies, and vaccines. Relying on the joint support of both sides, IPS has successfully recruited several important international scientists who have been very active in the recent research work. Both sides expressed their hope and support to further strengthen Sino French scientific exchanges and cooperation, including the joint platform and cooperation in Southeast Asia. “Many projects needed to be carried out to achieve a brilliant, positive and useful collaboration between China and France,” said Mr. Alain Mérieux. Source: Chinese Academy of Sciences

<https://regional.chinadaily.com.cn/pdf/NEWSLETTER2020/CASNL164.pdf>

Prof. YUAN Zhiming was interviewed by French Challenges Magazine

Date : 08-03-2019

In addition, Mr. Rene Courcol, the French expert involved in the operation of the Wuhan P4 laboratory, also briefed the journalist on the construction of the laboratory’s quality control system.

http://english.whiov.cas.cn/Exchange2016/Foreign_Visits/201903/t20190308_206702.html

also WIV Newsletter (No.26 MAR 2019)

<http://institute.wuhanvirology.org/Newsletter2016/201904/P020190401677732803526.pdf>

French Delegation visited Wuhan National Biosafety Laboratory, CAS

Date : 08-03-2019

On Jan 24, Mr. Olivier GUYONVARCH, the Consul General of France in Wuhan, Mr. Pierre LEMOND, the Counselor from the Embassy of France in China, and Mr. Yann MOREAU, the new Science and Technology Attaché from Consulate General of France in Wuhan visited Wuhan National Biosafety Laboratory (Wuhan P4 Laboratory), Chinese Academy of Sciences (CAS). Prof. GONG Peng, the Deputy Director General of Wuhan Institute of Virology (WIV), CAS, accompanied by Prof. YUAN Zhiming, the Director of Wuhan P4 Laboratory, Prof. SHI Zhengli and Prof. SONG Donglin, the Deputy Directors of Wuhan P4 Laboratory, and Mr. Rene COURCOL, the International Technical Expert for the P4 Project met the delegation.

On the symposium, Prof. YUAN Zhiming expressed his heartfelt gratitude to the French side for its long-term support and assistance to the construction of Wuhan P4 laboratory. Mr. Rene Courcol made a phased work report on the construction of the laboratory's quality control system and the comparative study of the procedural documents of the Chinese and French laboratories. The organization of the next meeting of the Sino-French Steering Committee, the sharing of related resources between China and France, and the import of positive pressure protective clothing from P4 laboratories had been deeply exchanged and discussed. The French side indicated that it will actively promote exchanges between the two sides.

Prof. Gong Peng said that Wuhan P4 Laboratory, as one of the important achievements in the cooperation between China and France in the field of prevention and control of emerging infectious diseases, had been widely supported by the Chinese and French governments. This meeting has enhanced mutual understanding and proposed a lot of constructive opinions, which will effectively promote the cooperation between the two sides to achieve substantive progress and results in the future.

http://english.whiov.cas.cn/ne/201903/t20190308_206695.html

In the jungle of Wuhan's labs

The industrialist Alain Mérieux, who was implicated "personally", he said, in the construction of the building, withdrew "as soon as the laboratory was handed over to the Chinese authorities". After the accreditation of these installations, an eighteen-month phase of ramp-up was planned, with "blank », that is « virus-free » operation. During this phase, a "Mr. Quality" was mandated by the Quai d'Orsay, René Courcol, an infectious disease doctor, to ensure the proper implementation of the necessary procedures. What facilities did he really have access to? What are his recommendations and possible concerns today? The latter refused to answer questions from Le Monde.

In truth, France completely ignores what is happening behind the walls of this laboratory which it has nevertheless helped to build. The director of P4 of Lyon, Hervé Raoul, who has accompanied a good part of the Franco-Chinese cooperation in Wuhan, underlines for his part that « the laboratory looked rather well designed, but, to be sure, it would have been necessary to see it in operational mode. I have visited it several times, but I have not seen it in operation. » And Mr. Raoul recognizes that « There are no French researchers in the P4 of Wuhan, and I have no idea how it works. » In short, the bilateral relationship celebrated by Jacques Chirac in 2004 has become unilateral ... « It is very typical of what all Franco-Chinese projects become », says an advisor to French companies wishing to launch in China. « There is always a huge gap between the expected exchanges and the result on arrival ».

It is this opacity that concerns us today. Not just because an incident could have happened in this Franco-Chinese lab. In fact, there is no factual evidence to support this hypothesis. «It is even much more improbable, assures a French source who followed the file, that an incident is more linked to P4 than to other laboratories », that is to say the laboratories of the Wuhan Institute of Virology or the Center for Disease Control and Prevention, where the bat hunter celebrated in the television report operated.

If this opacity worries, it is also because this cooperation should have made it possible to avoid the health and economic catastrophe which currently affects a large part of humanity.

In 2016, the French Ambassador to Beijing, Maurice Gourdault-Montagne, had decorated, in Wuhan, Yuan Zhiming and Shi Zhengli with the National Order of Merit and the Legion of Honor for their ardor in promoting cooperation in the area of prevention and emergence of infectious diseases. When the virus struck, neither Shi Zhengli's research nor France's position as a preferred partner for Chinese scientists seemed to have helped Paris understand or prepare for the epidemic.

<https://middleeasttransparent.com/in-the-jungle-of-wuhans-labs/>

https://www.lemonde.fr/international/article/2020/04/25/coronavirus-les-laboratoires-de-wuhan-epicentres-de-la-rumeur_6037719_3210.html

<https://archive.ph/TNPIX>

Publications:

<https://www.researchgate.net/profile/Rene-Courcol>

<https://www.idref.fr/073439932>

WIV Newsletter No.21 MAY 2018

<http://institute.wuhanvirology.org/Newsletter2016/201806/P020180627572323646146.pdf>

Jean-Michel Hubert visited Wuhan National Biosafety Laboratory of CAS

on May 22nd 2018, Mr. Jean-Michel Hubert, the General Coordinator of French-Sino cooperation on prevention and control of emerging infectious diseases visited Wuhan National Biosafety Laboratory (Wuhan P4 Lab) of Chinese

Academy of Sciences (CAS), accompanied by Mr. Philippe MAURIN, the Scientific Attaché in

Consulate General of France in Wuhan. Prof. Zhiming YUAN, the Director of Wuhan P4 Lab, met with the French guests. Prof. Donglin

SONG, the Deputy Director of NBL, Mr. René COURCOL, the Technical Expert for the P4 project and relevant representatives from

Wuhan Institute of Virology (WIV) participated the meeting.

At the meeting, Prof. YUAN introduced the o p e r a t i o n , m a i n t e n a n c e a n d management status of Wuhan P4 laboratory

from aspects of laboratory accreditation, activity qualification permitting and scientific research projects.

Mr. COURCOL made a report on the progress of quality control construction work in Wuhan P4 Laboratory.

He will try assisting WIV in creating a high level national biosafety laboratory that combines biosafety management and quality

control in the future.

Mr. HUBERT pointed out that the establishment of a quality control system is a guarantee for the efficient operation of

laboratory. It is a key area for the prevention and control of infectious diseases in China and France. It is also an important support for

laboratory to develop the strain preservation. He hoped the both sides could continue to strengthen cooperation in this field.

Besides, the two sides conducted indepth exchanges around the launch of joint scientific research project. The project

cooperation will be started as soon as possible. At last, the participants discussed and reached consensus on the next

committee meeting of Sino French cooperation on prevention and control of emerging infectious diseases. The meeting

will be held in China this year.

Mr. Philippe MAURIN, the Scientific Attaché in Consulate General of France in Wuhan

<http://institute.wuhanvirology.org/Newsletter2016/201806/P020180627572323646146.pdf>

Florence Débarre (French Citizen)



Professor at the French National Centre for Scientific Research (CNRS)

<https://theconversation.com/profiles/florence-debarre-1382217>

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Institut d'écologie et des sciences de l'environnement de Paris (iEES Paris)

CNRS UMR 7618

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France

<https://iees-paris.fr/annuaire/debarre-florence/>

<https://biodiversity.ubc.ca/florence-debarre>

Disclosure of Attempts By Florence Debarre to Silence Professor Bryce Nickels of Rutgers University

<https://threadreaderapp.com/thread/1752089238651494608.html>

Harassed an Independent Researcher, "Sherlock Gnomes" via his employer & via a letter to his family, causing him to close his X account.

Contacted the employer of another X user in Geneva, "Ema Nymton" and complained about a comment on one of her academic papers.

She also allegedly used the technique of "harassment via employer" with Justin Kinney of Rutgers University

She seems to have engaged in a cyber harassment campaign against another X user
@Florin_Uncovers

She attempted to dox an independent researcher who posted critiques of her colleagues' research papers on the X platform: @nizzaneela

She allegedly included phishing style attacks to get the IP address data & location of visitors.

Official complaint sent to the French Cyber security office and @CNRS

https://docs.google.com/document/d/15fWTq40KijN-m9PNKqp8F4Pp2-BOdiaHRpXh8_LktLY/edit?tab=t.0

Florence Debarre has used a collection of cyber tools and activities to harass people who she disagrees with on social media.

CNRS rewarded her for her work in 2022 with a Bronze Medal:



Florence Débarre, CNRS researcher at iEES Paris, is one of the 2022 CNRS talents rewarded for her research in evolutionary ecology and epidemiology and its implications for better understanding the evolution of the COVID19 virus.

<https://iees-paris.preprod.lamp.cnrs.fr/category/members/florence-debarre-en/>

Publications::

<https://scholar.google.fr/citations?user=SZDokFgAAAAJ&hl=en>

<https://www.researchgate.net/profile/Florence-Debarre>

<https://www.normalesup.org/~fdebarre/pubs.html>

Deng Zixin (WHU and Wuhan Institute of Biotechnology) 邓子新



Born in 1957

Dean of Wuhan University Pharmacy School,

Director of Wuhan Institute of Biotechnology

Head of State Key Laboratory of Microbial Metabolism

Member of Chinese Academy of Sciences (Member, CAS),

Fellow of the third world academy of sciences (TWAS),

Professor and Head, Laboratory of Microbial Metabolism, Ministry of Education;

Dean, School of Life Sciences & Biotechnology, Shanghai Jiaotong University

<https://web.archive.org/web/20161101054656/http://en.sjtu.edu.cn/academics/faculty/academicians/deng-zixin/>

Dean of School of Pharmacy at Wuhan University and director of Wuhan Institute of Biotechnology.

He became the member of Chinese Academy of Sciences in 2005, the member of Third World Academy of Sciences in 2006.

Member of American Academy of Microbiology in 2010.

<https://en.whu.edu.cn/info/1073/1567.htm>

<https://en.whu.edu.cn/info/1050/5409.htm>

<https://cals.cornell.edu/tang-scholars-program/tang-scholars/zixin-deng>

Deyin Guo (WHU and Sun Yat-Sen University: Guangzhou) 郭德银



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Guangzhou Laboratory, Xingdao North Rd 9, International Bio-Island, Haizhu District 510320, Guangzhou, China.

<https://onlinelibrary.wiley.com/doi/abs/10.1002/jmv.29411>

Sun Yat-Sen University: Guangzhou, Guangdong, CN

2016-09-01 to present | Dean/Professor (School of Medicine)

Wuhan University: Wuhan, CN

2011-01-01 to 2017-05-31 | Professor & Dean (School of Basic Medical Sciences)

Wuhan University: Wuhan, Hubei, CN

2002-06 to 2016-11-30 | Professor (College of Life Sciences, State Key Laboratory of Virology)

<https://orcid.org/0000-0002-8297-0814>

Professor Holmes said: "The obvious next step is to train our methods to discover more of this amazing diversity, and who knows what other surprises may await us."

References: On October 9, 2024, the journal Cell published an article titled "Using artificial intelligence to document the hidden RNA virosphere" co-authored by Hou Xin, He Yong, Fang Pan, Mei Shiqiang, Xu Zan, Wu Weichen, Tian Junhua, Zhang Shun, Zeng Zhenyu, Gou Qinyu, Xin Genyang, Le Shijia, Xia Yinyue, Zhou Yulan, Hui Fengming, Pan Yuanfei, John-Sebastian Eden, Yang Zhaohui, Han Chong, Shu Yuelong, Guo Deyin, Li Jun, Edward C. Holmes, Li Zhaorong and Shi Mang. DOI: 10.1016/j.cell.2024.09.027

The researchers declare no conflicts of interest. This study was supported by the National Natural Science Foundation of China, Shenzhen Science and Technology Plan, Guangdong Natural Science Foundation, Guangdong "Pearl River Talent Plan" Innovation and Entrepreneurship Team Project, Hong Kong Innovation and Technology Fund (ITF) and Medical and Health Research Fund. Professor Holmes' research is funded by a researcher grant from the National Health and Medical Research Council of Australia and AIR@InnoHK managed by the Innovation and Technology Commission of the Hong Kong Special Administrative Region of China.

<https://www.victorlamp.com/article/7395395106>

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<https://pubmed.ncbi.nlm.nih.gov/38285434/>

<https://pubmed.ncbi.nlm.nih.gov/39792131/>

Corresponding authors: E-mails: guodeyin@mail.sysu.edu.cn

<https://academic.oup.com/mbe/article/41/10/msae202/7781993>

- State Key Laboratory for Biocontrol, School of Medicine, Shenzhen Campus of Sun Yat-sen University, Sun Yat-sen University, Shenzhen, China

<https://www.nature.com/articles/s41467-023-39835-1> (2023)

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Department of Pathogen Biology and Biosecurity, Institute of Human Virology, Zhongshan School of Medicine, Sun Yat-sen University, Guangzhou, Guangdong, China

<https://onlinelibrary.wiley.com/doi/10.1002/jmv.70171?af=R>

Research interests/Specialties:

Replication of RNA viruses (focusing on coronaviruses); innate immunity of virus infection; RNAi and genetic therapy of HIV.

Education and Training

Post-doctoral training , 1996-2001 Institute of Biotechnology, University of Helsinki, Finland

Ph.D. , 1992-1995 Faculty of Biosciences, Braunschweig University of Technology, Braunschweig, Germany.

MS ,1985-1988 Joint Program of Graduate School of Chinese Academy of Agricultural Sciences and the Institute of Microbiology of Chinese Academy of Sciences, Beijing, China.

BS , 1981-1985 Nanjing Agricultural University, Nanjing, China

Research Description

My group is focusing on the studies on the molecular mechanisms of replication, immune escape and pathogenesis of the newly emerging coronaviruses (eg SARS and MERS-CoV) and the gene therapy of HIV/AIDS. For coronaviruses, we are interested mainly in RNA modifications by the virus-encoded RNA processing enzymes such as methyltransferase and exoribonuclease and antiviral screening by targeting the function and structure of the viral enzymes. For gene therapy of HIV/AIDS, we are adopting gene editing technologies to genetically modify or disrupt the HIV receptors and provirus of T cells and hematopoietic stem cells of the patients.

<https://wbm.whu.edu.cn/info/1130/3588.htm>

Deyin Guo PhD, acted as WSV Vice President – Asia (2022-2024). He is a Professor of Medical Microbiology & Virology and dean at the School of Medicine, Sun Yat-sen University (since Sept. 2016). Dr. Guo obtained his Ph.D in Microbiology from the Faculty of Biosciences, Braunschweig University of Technology in Germany, and received his postdoctoral training at the Institute of Biotechnology, University of Helsinki, Finland. He has been a professor in microbiology/virology at Wuhan University since 2002. He served as the dean of the School of Basic Medical Sciences (SBMS) (2011.1-2016.10) and the vice-dean of the College of Life Sciences (2004.4-2011.7), Wuhan University. He also served as the director of the Modern Virology Research Center and the Deputy Director of the National Key Laboratory of Virology at Wuhan University for a long period. Since August 2016, he served as the dean of the School of Medicine (Shenzhen), Sun Yat-sen University, China.

Dr. Guo focuses his work on molecular mechanisms of the infection and pathogenesis of RNA viruses, in particular, on the RNA genome replication and immune escape of coronaviruses. He has uncovered novel mechanisms of RNA modification and established high throughput platform for screening inhibitors targeting coronavirus methyltransferases. He discovered that the well-known tumor suppressor PTEN also plays a pivotal role in antiviral innate immunity. His group also adopts gene editing technologies to genetically modify or disrupt the HIV receptors and provirus of T cells and hematopoietic stem cells of the patients, aiming at functional cure of HIV/AIDS by genetic therapy. He published his work in Nature Immunology, PNAS, Hepatology, PLoS Pathogens, Journal of Immunology, Journal of Virology, etc. He has obtained several prestigious research awards and fundings. He was selected as National Distinguished Young Scholar by National Natural Science Foundation of China (NSFC) in 2009 and acts as the chief scientist of the National Basic Research

Program (“973” project) in cellular antiviral innate immunity. He is also a scholar of National “WanRen Talents Program” for Sci & Tech Innovation.

He also acts as a member of several national committees of experts for counseling and evaluations, including expert panel of grant evaluation of China National Natural Science Foundation and CNAS Expert Committee for Laboratory Biosafety. Now he serves as the president of Virology Division of Chinese Society for Microbiology (equivalent to Chinese Society for Virology), and a managing member of the Medical Virology Division of Chinese Society for Medicine. He also serves as members of several editorial boards, such as Virology, Medical Microbiology and Immunity, Journal of Biosafety & Biosecurity, and Virologica Sinica.

https://ws-virology.org/dt_team/deyin-guo/

CV

<https://ws-virology.org/wp-content/uploads/2019/06/Guo-Deyin-CV-201902-En.pdf>

Deyin Guo formerly of the State Key Lab of Virology, Wuhan, is now based at Guangzhou National Laboratory, Guangzhou International Bio-Island - which is the new affiliation of Zhengli Shi.

For example, the co-author, Dr. Deyin Guo (郭德银) was the vice director of the State Key Laboratory of Virology at Wuhan University, which is also a joint lab with the Wuhan Institute of Virology (WIV).

Using artificial intelligence to document the hidden RNA virosphere

Xin Hou^{1,20} · Yong He^{2,20} · Pan Fang² · Shi-Qiang Mei¹ · Zan Xu² · Wei-Chen Wu¹ · Jun-Hua Tian³ · Shun Zhang² · Zhen-Yu Zeng² · Qin-Yu Gou¹ · Gen-Yang Xin¹ · Shi-Jia Le¹ · Yin-Yue Xia⁴ · Yu-Lan Zhou⁵ · Feng-Ming Hul^{6,7} · Yuan-Fei Pan⁸ · John-Sebastian Eden^{9,10} · Zhao-Hui Yang¹¹ · Chong Han¹² · Yue-Long Shu^{13,14} · Deyin Guo¹⁵ · Jun Li¹⁶ · Edward C. Holmes^{9,10,17,21} · Zhao-Rong Li^{2,21} · Mang Shi^{1,18,19,21,22}   Show less

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Found in Application of a Biosafety Scoring System to Personnel Management in High-Level Biosafety Laboratories

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4439648

WIV Engineer, 2004-2016: HIV1, enveloped virus infection mechanism & prevention strategies

Now WIV NBL-3 Biosafety office

<https://www.researchgate.net/profile/Tao-Du>

Application of a biosafety scoring system to personnel management in high-level biosafety laboratories

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4439648

State Key Laboratory of Virology, Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan 430071, China.

Antigenicity and immunogenicity of HIV-1 gp140 with different combinations of glycan mutation and V1/V2 region or V3 crown deletion

<https://pubmed.ncbi.nlm.nih.gov/31564450/>

“Engraving perseverance and dedication on the front line of the fight against the epidemic——Du Tao, the P3 laboratory administrator of the Wuhan National Biosafety Laboratory”

Du Tao in the monitoring room of the P3 laboratory

“The Zhengdian P3 laboratory is an important part of the Wuhan National Biosafety Laboratory. The laboratory passed the initial review and on-site review of the China National Accreditation Service for Conformity Assessment (CNAS) in 2018, and officially obtained the laboratory accreditation certificate issued by CNAS in January 2019. On November 7, 2019, the Zhengdian P3 laboratory officially passed the qualification review of the National Health Commission's highly pathogenic pathogen experiment activities. Behind this, Du Tao and his colleagues have made careful preparations and hard work in the past two years.”

Du Tao not only made various preparations for the Zhengdian P3 laboratory in an orderly manner, but also assisted the P4 laboratory in completing the relevant application work, and made corresponding rectifications based on the feedback from the approval department.

Du Tao is responsible for the internal and external communications of P3 laboratory researchers, responding to the various needs of researchers at any time; monitoring biological risks in the laboratory and reminding researchers in a timely manner; managing the entry and exit of all experimental materials, ensuring the safety of high-risk materials, and standardizing the handling of various types of garbage generated in the laboratory.

During this period, I saw the dedication of party members. I am eager to become a part of this excellent team and am willing to fight like party members." Although Du Tao is not a member of the Communist Party, he always strictly demands himself as a party member. He has recently submitted an application for joining the party to the party branch, accepted the test of the organization with practical actions, and tried his best for scientific research and epidemic prevention and control.

http://www.whb.cas.cn/zt/xxgzbd/dqpp/202004/t20200413_5539070.html

Comparative Antiviral Efficacy of Viral Protease Inhibitors against the Novel SARS-CoV-2 In Vitro

We thank Hao Tang, Jia Wu, Jun Liu and Tao Du from BSL-3 Laboratory of Wuhan Institute of Virology for their critical support.

<https://www.virosin.org/en/article/doi/10.1007/s12250-020-00288-1>

Rapid Acquisition of High-Quality SARS-CoV-2 Genome via Amplicon-Oxford Nanopore Sequencing

Tao Du of National Biosafety Laboratory, Wuhan, Chinese Academy of Sciences for assistance with experimental platform and experimental environment maintenance.

<https://www.virosin.org/en/article/doi/10.1007/s12250-021-00378-8>

Edward Holmes (British Virologist resident in Australia)



Collaborator with WHCDC and WIV and PLA AMMS (Wu Chun Cao, etc.)

NHMRC Leadership Fellow

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Fellow, Australian Academy of Science

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Professor of Virology at the University of Sydney.

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Fang Li (US or dual citizen?) 李放



Collaborator with Baric and WIV

Professor

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Fei Deng (WIV) 邓菲



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Works with Pakistan and WIV on viruses

Risk of infection with arboviruses in a healthy population in Pakistan based on seroprevalence

Shengyao Chen 1, Muhammad Saqib 2, Hafiz Sajid Khan 3, Yuan Bai 4, Usman Ali Ashfaq 5, Muhammad Khalid Mansoor 6, Abulimti Moming 4, Jing Liu 7, Min Zhou 4, Saifullah Khan Niazi 8, Qiaoli Wu 4, Awais-Ur-Rahman Sial 9, Shuang Tang 4, Muhammad Hassan Sarfraz 10, Aneela Javed 11, Sumreen Hayat 10, Mohsin Khurshid 10, Iahasham Khan 12, Muhammad Ammar Athar 13, Zeeshan Taj 10, Bo Zhang 7, Fei Deng 14, Ali Zohaib 15, Shu Shen 16

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<https://pubmed.ncbi.nlm.nih.gov/38599520/>

<https://pmc.ncbi.nlm.nih.gov/articles/PMC11279719/>

https://wwwnc.cdc.gov/eid/article/26/4/19-1154_article

Crimean-Congo Hemorrhagic Fever Virus in Humans and Livestock, Pakistan, 2015–2017

Ali Zohaib, Muhammad Saqib, Muhammad A. Athar, Muhammad H. Hussain, Awais-ur-Rahman Sial, Muhammad H. Tayyab, Murrafa Batool, Halima Sadia, Zeeshan Taj, Usman Tahir, Muhammad Y. Jakhriani, Jawad Tayyab, Muhammad A. Kakar, Muhammad F. Shahid, Tahir Yaqub, Jingyuan Zhang, Qiaoli Wu, Fei Deng, Victor M. Corman, Shu Shen, Iqbal Khan, and Zheng-Li Shi

Author affiliations: National University of Sciences & Technology, Islamabad, Pakistan (A. Zohaib); Wuhan Institute of Virology of the Chinese Academy of Sciences, Wuhan, China (A. Zohaib, J. Zhang, Q. Wu, F. Deng, S. Shen, Z.-L. Shi); University of Agriculture, Faisalabad, Pakistan (M. Saqib, M.H. Tayyab, M. Batool); University of Karachi, Karachi, Pakistan (M.A. Athar); Ministry of Agriculture and Fisheries, Muscat, Oman (M.H. Hussain); PMAS Arid Agriculture University, Rawalpindi, Pakistan (A. Sial, J. Tayyab); Livestock and Dairy Development Department, Punjab, Pakistan (H. Sadia, U. Tahir); Government College University Faisalabad, Faisalabad (Z. Taj); Shaheed Benazir Bhutto University of Veterinary and Animal Sciences Sakrand, Sindh, Pakistan (M.Y. Jakhriani); Livestock & Dairy Development Department Balochistan, Quetta, Pakistan (M.A. Kakar); University of Veterinary and Animal Sciences, Lahore, Pakistan (M.F. Shahid, T. Yaqub, I. Khan); National Virus Resource Center, Wuhan (Q. Wu, F. Deng, S. Shen); Humboldt-University and Berlin Institute of Health, Berlin, Germany (V.M. Corman); German Centre for Infection Research, Berlin (V.M. Corman)

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Emerg Infect Dis. 2020 Jul; 26(7): 1513–1516.
doi: [10.3201/eid2607.190611](https://doi.org/10.3201/eid2607.190611)

PMCID: PMC7323538
PMID: [32568060](https://pubmed.ncbi.nlm.nih.gov/32568060/)

Serologic Evidence of Severe Fever with Thrombocytopenia Syndrome Virus and Related Viruses in Pakistan

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ncbi.nlm.nih.gov

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Government College University, Faisalabad, Pakistan (Z. Taj);

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This study was supported by the International Cooperation on Key Technologies of Biosafety along the China-Pakistan Economic Corridor (153B42KYSB20170004), the National Science and Technology major project (2018ZX0101004), the Intergovernmental Special Program of State Key Research and Development Plan from the Ministry of Science and Technology of China (2016YFE0113500), and the

Science and Technology Basic Work Program (2013FY113500) from the Ministry of Science and Technology of China.

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Address: No. 44, Xiao Hong Shan, 430071, Wuhan, P.R.China.

Postcode: 430071

Education

Publications

1. Zhu, W.#; Fang, T.#; Zhang, W.; Liang, A.; Zhang, H.; Zhang, Z.-P.; Zhang, X.-E.; Li, F.* , A ROS scavenging protein nanocage for in vitro and in vivo antioxidant treatment. *Nanoscale* (2021) DOI: 10.1039/D0NR08878A
2. Chengchen Xu, Weiwei Zhu, Hanjing Mao, Wenjing Zhang, Gen-Quan Yin*, Xian-En Zhang*, Feng Li*. Switch from polymorphic to homogenous self-assembly of virus-like particles of simian virus 40 through double-cysteine substitution. *Small*. In press (10.1002/smll.202004484) (2020)
3. Feng Li*, Dianbing Wang, Juan Zhou, Dong Men and Xian-En Zhang*. Design and biosynthesis of functional protein nanostructures. *Science China Life Sciences*. 63 (2020) DOI: 10.1007/s11427-019-1641-6

http://english.whiov.cas.cn/sourcedb/rck/201405/t20140505_644530.html

Fu-Sheng Wang (PLA)王福生



PLA Major General

Director of both the Research Center for Biological Therapy
and the Beijing Institute of Infectious Diseases

Email: fswang302@163.com

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The main research interests and directions of the research group are :

1. The immunopathogenesis of major infectious diseases;
2. Immunotherapy for major infectious diseases.

- Personal Profile:
 1. Supervisor type: Supervisor of doctoral students of science degree
 2. Professional title: Chief physician, professor
 3. Administrative position: Director of the Department of Infectious Diseases
 4. Major: Internal Medicine (Infectious Diseases)

Introduction:

Born in August 1962. Academician of the Chinese Academy of Sciences, member of the Chinese Academy of Medical Sciences, has been engaged in clinical diagnosis and treatment of infectious diseases, translational research and biosafety for a long time, and has successfully completed clinical treatment of many major epidemics such as fighting SARS , aiding Sierra Leone to fight against AIDS and fighting against COVID-19. He is good at clinical diagnosis and treatment of viral hepatitis, AIDS and difficult and critical liver diseases, and conducts research based on clinical problems, opening up new directions for cell therapy and research of difficult liver diseases and AIDS.

Academic Position:

He is an expert of the 8th Discipline Evaluation Group of the Academic Degrees Committee of the State Council, an expert of the National and Military Biosafety Expert Group, and the incoming chairman of the Infectious Diseases Branch of the Chinese Medical Association.

Personal education and work experience:

He graduated from the Department of Clinical Medicine of Bengbu Medical College in 1984 and received his doctorate from the Academy of Military Medical Sciences in 1992. He conducted postdoctoral research at New York University in the United States in 1996. In 1998 , he served as the director of the Infectious Diseases Diagnosis and Treatment and Research Center of the 302nd Hospital of the People's Liberation Army and the director of the Institute of Infectious Diseases of the PLA. From 2018 to 2020 , he served as the director of the Infectious Diseases Diagnosis and Treatment and Research Center of the Fifth Medical Center of the PLA General Hospital and the director of the Institute of Infectious Diseases of the PLA.

<https://lcyx.ustc.edu.cn/2023/0619/c34243a606460/page.htm>

<https://biomed.ustc.edu.cn/2021/1112/c31901a570882/page.htm>

<https://www.baik.com/wikiid/807175722639748193?anchor=2>

<https://research.com/u/fu-sheng-wang>

George Gao (Ex-CDC) 高福



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Director-General, Chinese Center for Disease Control and Prevention (China CDC)

Vice President, the National Natural Science Foundation of China (NSFC)

Director and Professor, CAS Key Laboratory of Pathogenic Microbiology and Immunology, Institute of Microbiology, Chinese Academy of Sciences

Dean, Medical School, University of Chinese Academy of Sciences

<https://www.gpmb.org/board/item/dr-george-f.-gao>

<https://scholar.google.com/citations?user=8IaPBy4AAAAJ&hl=en>

CAS Member : Enveloped Viruses & Structural Immunol

https://english.im.cas.cn/people_/facultyandstaff/KLPMI/202012/t20201204_256067.html

Guangjian Zhu (EHA Collaborator)



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EcoHealth Alliance, 460 West 34th Street, 17th Floor, New York, NY 10001, USA

Guangdong Entomological Institute, 105 Xingang Xi Road, Haizhu District, Guangzhou, 510260, Ch

Co-authors of the paper Dr. Peter Daszak and Dr. Guangjian Zhu collect samples from a Chinese rat, part of their study that shows direct animal-to-human disease transmission of SARS-CoV is plausible.

<https://www.fic.nih.gov/News/GlobalHealthMatters/september-october-2013/Pages/sars-bat-human-transmission.aspx>

2007 onwards Assistant Researcher, Guangdong Entomological Institute,

co-authored multiple publications in the field of viral genetics and bat ecology under the mentorship of Dr. Shuyi Zhang.

I have also worked actively with EcoHealth Alliance on the USAID- EPT PREDICT program as a field team leader for China.

For this program I have been responsible for the identification of high-risk interfaces between wildlife and people, where close contact might allow for zoonotic pathogen spillover (e.g. live animal markets). I have also led wildlife surveys which involved bat and rodent capture and sampling for viral discovery. Through this work we have conducted site-selection and wild and domestic animal sampling in Guangxi, Yunnan, Guangdong and Shanghai, and have compiled archived and current samples from birds in Shanghai Chongming Reserve for H7N9 avian influenza analyses. Under the USAID PREDICT program I collected several hundred bat samples which have been tested for coronaviruses (and several other viral families) at the Wuhan Institute of Virology. Under this current proposal, I would be responsible for developing and leading a wildlife team to sample bats, rodents, and other small mammals in the live animal markets of southern China.

Guangjian Zhu Ph.D., Consultant Field Lead, China Programs, 6 months/year

https://usrtk.org/wp-content/uploads/2023/12/2021-006245-Combined-Records_Redacted-1-235.pdf

East China Normal University

<https://blog.whitecoatwaste.org/wp-content/uploads/2021/11/536974886-Gain-Of-Function-Communications-Between-EcoHealth-Alliance-And-NIAID.pdf>

Principal Investigator: Daszak , Peter CURRENT OTHER SUPPORT ZHU , GUANG JIAN ACTIVE: none PENDING 1 R01 AI 110964 (Daszak) 07/01/2014 - 06/30/2019 CbH4>. CbH6J NIAID \$3,362,339

Understanding the Risk of Bat Coronavirus Emergence To examine risk of future coronavirus emergence from wildlife using in-depth field investigations across the human-wild life interface in China, molecular characterization of novel CoVs, and host receptor binding domain genes . mathematical models of transmission and evolution , and in vitro and in vivo laboratory studies of host range . Role: Co-Investigator

<https://blog.whitecoatwaste.org/wp-content/uploads/2021/11/536974886-Gain-Of-Function-Communications-Between-EcoHealth-Alliance-And-NIAID.pdf>

<https://bioone.org/journals/acta-chiropterologica/volume-14/issue-1/150811012X654394/Morphology-Echolocation-Calls-and-Diet-of-Scotophilus-kuhlii-Chiroptera/10.3161/150811012X654394.short>

<https://www.cabidigitallibrary.org/authored-by/Zhu+GuangJian/Zhu+GuangJian>

Guangjian Zhu's research while affiliated with EcoHealth Alliance

<https://www.researchgate.net/scientific-contributions/Guangjian-Zhu-15189955>

<https://drasticresearch.org/wp-content/uploads/2021/09/defuse-project-drastic-analysis-1.pdf>

Guangyu Zhao (AMMS BIME) 赵光宇



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<https://pmc.ncbi.nlm.nih.gov/articles/PMC11629326/>

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Research:

<https://www.researchgate.net/scientific-contributions/Guangyu-Zhao-40083972>

<https://www.researchgate.net/scientific-contributions/Guangyu-Zhao-40083972>

<https://loop.frontiersin.org/people/1571307/publications>

Hongbing Shu (WHU) 舒红兵



Email: shuh@whu.edu.cn.

Ex Vice President Of Wuhan University 2013

Member 12th Cppcc Nat Committee

Department of Infectious Diseases, Frontier Science Center for Immunology and Metabolism, Medical Research Institute, Zhongnan Hospital of Wuhan University, Wuhan University, Wuhan, 430071 China

2005-2013 Professor and Dean, College of Life Sciences, Wuhan University, China

2013-2022 Vice President, Wuhan University, China

2014- Professor and Director, Medical Research Institute, Wuhan University, China

2019- Chief Scientist, Frontier Science Center for Immunology and Metabolism, Wuhan University, China

Service

Director, Wuhan Institute of Biotechnology (2022-)

Editor in Chief, Cell Insight (2021-)

Editorial Board Member, Current Research in Immunology (2020-)

Editorial Board Member, Cytokine & Growth Factor Reviews (2018-)

Editorial Board Member, Current Opinion in Immunology (2018-)

Editorial Board Member, Cell Research (2010-)

Editorial Board Member, Protein & Cell (2009-)

Editorial Board Member, Cellular and Molecular Immunology (2009-)

Vice President, Chinese Society of Cell Biology (2007-2015)

Publications:

<https://mri.whu.edu.cn/info/3081/27641.htm>

https://scholar.google.com/citations?user=tb_FX8sAAAAJ&hl=en

<https://www.researchgate.net/profile/Hong-Bing-Shu>

Hu Qian (WIV) 胡谦



Deputy director of the Security Office of Wuhan Institute of Virology

In Nov. 19, 2019, the Wuhan Institute of Virology held an annual staff safety training session. Deputy director of security Hu Qian discussed safety problems found during audits over the past year, according to a post on the institute's website.

The institute did not respond to questions on what kind of safety lapses were found in the audits. Its leadership has vehemently denied having encountered SARS-CoV-2 before the pandemic or the occurrence of any lab leaks.

<https://www.mhcluster.org/2021/07/07/from-wuhan-to-paris-to-milan-the-search-for-patient->

the WIV's Deputy Director of the Office of Safety and Security, Hu Qian summarized several general problems that were found over the course of the last year during safety and security investigations,

and [he] pointed to the severe consequences that could result from hidden safety dangers and stressed that the rectification of hidden safety risks must be thorough, and management standards must be maintained.

At the training session, Hu Qian, deputy director of the Security Office of the Wuhan Institute of Virology, summarized several common problems found in the safety inspection process over the past year, pointed out the serious consequences that safety hazards may cause, and emphasized that the rectification of hidden dangers must be thorough and standardized management must be maintained. Safety officers of various departments/discipline groups are required to strengthen the dissemination of safety laws, regulations and systems, further improve operating procedures, prevent various safety risks, and ensure the safety of scientific research and production in the institute

http://www.whiov.cas.cn/xwdt_160278/zhxw2019/201911/t20191121_5439595.html

https://web.archive.org/web/20191123003439/http://www.whiov.ac.cn/xwdt_105286/zhxw/201911/t20191121_5439580.html

Hu Qian, a member of the temporary party branch of the Wuhan Institute of Virology

Publication date: 2020-02-29 Source: Wuhan Institute of Virology



Hu Qian escorted scientific research materials to Hefei on a special plane

Faced with the menacing 2019 novel coronavirus pneumonia epidemic, the Party Committee of the Wuhan Institute of Virology acted quickly and organized party members and cadres to participate in epidemic prevention and control work. As a member of the temporary party branch supporting

and guaranteeing the epidemic, Hu Qian was courageous, hardworking, and proactive. He took it as his responsibility to ensure the safety of the park, actively coordinated scientific research and logistical materials, and provided solid support for front-line scientific and technological researchers.

The supply of materials is continuous, and they serve as "orderlies" in the rear. The task is urgent, and all laboratories are operating at full capacity. Masks, protective clothing, gloves and other experimental protective supplies and experimental reagents and consumables are consumed greatly. "You are on the front line, and I am in the rear." Hu Qian promptly understands the needs of each laboratory, and actively assists Li Liping, secretary of the temporary party branch, in communicating with the provincial prevention and control headquarters many times, and actively strives for various types of experimental protective products, which effectively relieves the protection pressure of front-line scientific researchers. At the same time, we continue to contact and coordinate express and logistics companies, and deliver the purchased or donated experimental reagents and consumables to scientific researchers in a timely manner while ensuring safety. In order to speed up the advancement of scientific and technological research, the Wuhan Institute of Virology urgently needs to send a batch of scientific research materials to scientific research institutions outside the province, but Wuhan is strictly closed and various logistics transportation routes are restricted. Time is urgent, and the temporary party branch of support and guarantee quickly contacted the provincial prevention and control headquarters, the Provincial Department of Science and Technology, the Major Task Bureau of the Chinese Academy of Sciences, and the Science and Technology Promotion and Development Bureau, and finally the Civil Aviation Administration of Hubei sent a special plane to transport them. Hu Qian personally escorted the plane and successfully delivered the scientific research materials to Hefei, solving the worries of scientific researchers.

"I am a Communist Party member. In the face of the epidemic, I will go wherever I am needed," he said, and he did so. At this special moment, Hu Qian is busier than usual. He is always at the forefront of various emergency support tasks, tirelessly. He worked overtime every day, and he didn't have a simple New Year's Eve dinner until 8 o'clock in the evening on New Year's Eve. When his colleagues encountered difficulties and could not return to work, he took over the tasks in their hands without saying a word and took over the duty on their behalf. "A party member is a banner." Hu Qian used practical actions to illustrate the responsibility and commitment of Communist Party members.

http://www.whb.cas.cn/dqyd/djyd/202002/t20200229_5507129.html

Hualin Wang (WIV) 王华林



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Address: Jinlong Street, Jiangxia District, Wuhan City, Hubei Province

Professor Group Leader WIV and Postdoctoral in the Netherlands

Researcher (Natural Science) PhD

He received his PhD from the Institute of Hydrobiology, Chinese Academy of Sciences in 2003, and conducted his PhD research at Wageningen University in the Netherlands and Staatliche Lehr- Und Forschungsanstalt in Germany from 2000 to 2003. His key research directions include viral infection mechanisms, virus-host interactions, the development of new technologies for virus detection and diagnosis, and the development of antiviral biotechnology drugs. He has undertaken a number of national scientific research projects and horizontal projects, including the National Key R&D Program, the 973 Program, the National Natural Science Foundation, the China-Netherlands Science Strategic Alliance Project, and the study of EV71 virus of hand, foot and mouth disease. He has published more than 40 SCI research papers in international authoritative journals such as J Virol and Antiviral Res; applied for more than 10 invention patents, and obtained 5 authorized patents.

Research direction:

Key research directions include the mechanism of viral infection, virus-host interaction, development of new technologies for virus detection and diagnosis, and development of antiviral biotechnology drugs.

https://whiov.cas.cn/sourcedb/zw/rck/200907/t20090718_2100071.html

Alice Hughes (British Bat Researcher who collaborates with PLA AMMS scientists in China)



Professor HUGHES Alice Catherine

Associate Professor, School of Biological Sciences, Faculty of Science, HKU

BSc (University of Bristol, UK); PhD (University of Bristol, UK)

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Telephone: 3917 3836

Fac: 2858 3477

<https://www.scifac.hku.hk/people/hughes-alice-catherine>

Associate Professor Xishuangbanna Tropical Botanical Garden, Chinese Academy of Sciences

<https://www.umbrella.bridge.bristol.ac.uk/people/alice-hughes/>

The other main strand of my research has focused more heavily on bats. Whilst I have worked on bats (especially across the Asian region) for over 15 years, largely focusing on regional ecology, since 2018 we started on bats and viruses with collaborators from Shandong Medical University. Following the onset of the early cases of SARS-COV2 our samples were sequenced in January 2020, revealing some of the closest viruses to SARS-CoV2 in bats. Since then, we collected more samples, revealing a suite of further coronaviruses including close relatives of both SARS-CoV and SARS-CoV2 in bats, even just within a single cave.

<https://www.scifac.hku.hk/page/detail/7696>

<https://alert-conservation.org/associate-professor-alice-hughes>

Publications:

<https://scholar.google.com/citations?hl=en&user=jlkGFIIAAAAJ>

CV with Publications:

https://www.scifac.hku.hk/f/people/7609/Dr%20Alice%20Hughes%20_%20updated%20CV%20received%2020230327.pdf

More Publications:

<https://www.researchgate.net/profile/Alice-Hughes-3>

Huijun Lu (PLA AMMS) 鲁会军



Email: huijun_lu@126.com

Lu Huijun is a researcher at the Military Veterinary Research Institute of the Academy of Military Medical Sciences, a doctoral supervisor, and a part-time tutor at Wenzhou University.

Key Laboratory of Jilin Province for Zoonosis Prevention and Control, Institute of Military Veterinary Medicine, Academy of Military Medical Sciences, Academy of Military Sciences, Changchun, China

He is mainly engaged in research in virology and zoonosis.

He has designed, researched, and industrialized rapid virus detection, recombinant live vector vaccines, multi-epitope vaccines, and genetically engineered antibodies.

His work focuses on the genome characteristics of zoonotic viral diseases and genetically engineered vaccines.

Research with Ningyi Jin

Prevalence, pathogenesis, and evolution of porcine circovirus type 3 in China from 2016 to 2019

<https://pubmed.ncbi.nlm.nih.gov/32768209/>

Metagenomic Sequencing From Mosquitoes in China Reveals a Variety of Insect and Human Viruses

<https://www.frontiersin.org/journals/cellular-and-infection-microbiology/articles/10.3389/fcimb.2018.00364/full>

Rapid deployment of a mobile biosafety level-3 laboratory in Sierra Leone during the 2014 Ebola virus epidemic.

<https://journals.plos.org/plosntds/article?id=10.1371/journal.pntd.0005622>

Genetic characterization of three porcine circovirus-like viruses in pigs with diarrhoea in China

<https://onlinelibrary.wiley.com/doi/abs/10.1111/tbed.13731>

Swine acute diarrhoea syndrome coronavirus (SADS-CoV) Nsp5 antagonizes type I interferon signaling by cleaving DCP1A

<https://pmc.ncbi.nlm.nih.gov/articles/PMC10239798/>

Publications:

<https://loop.frontiersin.org/people/538968/overview>

Jeremy Farrar (British medical researcher)



Sir Jeremy James Farrar

Email: farrarj@who.int

D.O.B: 1 September 1961

Residence; Oxford, UK.

Chief Scientist and Science Division at the World Health Organization since 2023

Chief Scientist and Science Division

Dr Jeremy FARRAR (farrarj@who.int)

https://cdn.who.int/media/docs/default-source/documents/about-us/who-hq-organigramme.pdf?sfvrsn=6039f0e7_33

Director of The Wellcome Trust from 2013 to 2023

<https://www.amrleaders.org/members/prof-sir-jeremy-farrar>

Professor of tropical medicine at the University of Oxford.

On 19 February 2020, Farrar, along with 26 other scientists, published a letter in The Lancet titled "Statement in support of the scientists, public health professionals, and medical professionals of China combatting COVID-19" in which the authors declared, "We stand together to strongly condemn conspiracy theories suggesting that COVID-19 does not have a natural origin.

https://en.wikipedia.org/wiki/Jeremy_Farrar

Social Media:

<https://x.com/jeremyfarrar?lang=en>

Extract of the email sent between Sir Jeremy Farrar and Professor Mark Woodhouse regarding early information on the novel Coronavirus, dated 21/01/2020

https://covid19.public-inquiry.uk/wp-content/uploads/2023/10/16183719/INQ000103349_0001-1.pdf

Internal SAGE email chain between Jeremy Farrar, John Edmunds and Neil Ferguson, dissenting UK Governments decisions in relation to Covid-19, dated between 12/03/2020 and 13/03/2020.

<https://covid19.public-inquiry.uk/wp-content/uploads/2023/12/18145501/INQ000149061.pdf>

Farrar Fauci Communications:

<https://www.documentcloud.org/documents/23316400-farrar-fauci-comms/#document/p155>

Proximal Origins:

<https://usrtk.org/wp-content/uploads/2023/12/Proximal-Origin-Democratic-Staff-Report-Emails.pdf>

More NIH FOIA Emails showing his role:

<https://usrtk.org/wp-content/uploads/2022/09/NIH-FOIA-57153-Murray-Complete-Response.pdf>

Unredacted NIH Emails Show Efforts to Rule Out Lab Origin of Covid

From: Fauci, Anthony (NIH/NIAID) [E]
Sent: Sat, 1 Feb 2020 00:38:35 +0000
To: Jeremy Farrar
Cc: Kristian G. Andersen
Bcc: Conrad, Patricia (NIH/NIAID) [E]; Mascola, John (NIH/VRC) [E]; Conrad, Patricia (NIH/NIAID) [E]
Subject: RE: Phone call

Jeremy:

I just got off the phone with Kristian Anderson and he related to me his concern about the Furine site mutation in the spike protein of the currently circulating 2019-nCoV. I told him that as soon as possible he and Eddie Holmes should get a group of evolutionary biologists together to examine carefully the data to determine if his concerns are validated. He should do this very quickly and if everyone agrees with this concern, they should report it to the appropriate authorities. I would imagine that in the USA this would be the FBI and in the UK it would be MI5. It would be important to quickly get confirmation of the cause of his concern by experts in the field of coronaviruses and evolutionary biology. In the meantime, I will alert my US. Government official colleagues of my conversation with you and Kristian and determine what further investigation they recommend. Let us stay in touch.

Best regards,
Tony

Anthony S. Fauci, MD
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National Institute of Allergy and Infectious Diseases
Building 31, Room 7A-03
31 Center Drive, MSC 2520
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E-mail: (b) (6)

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From: Jeremy Farrar (b) (6)
Sent: Friday, January 31, 2020 5:57 PM

February 1, Farrar organized a conference call with Fauci, Andersen, Holmes, Garry, and several other scientists, including Andrew Rambaut of the University of Edinburgh and Ron Fouchier, a prominent Dutch virologist whose work experimenting with the H5N1 influenza virus has sparked controversy in the past. Also invited on the call were Patrick Vallance, the chief scientific adviser to the U.K. government, and Collins. This “close knit group,” as Farrar later described it, was to treat their discussion “in total confidence.”

In one email to Fauci, Collins, and another NIH official, Farrar wrote, “On a spectrum if 0 is nature and 100 is release—I am honestly at 50!”

Farrar then summarized the perspectives of several other scientists, including Michael Farzan, of UF Scripps Institute. Farzan, Farrar wrote, was particularly puzzled by the presence in the virus's genome of a furin cleavage site, which is a feature that has not been found in other SARS-related coronaviruses. The furin cleavage site plays an important role in helping the virus infect human airway cells. Farzan was "bothered by the furin site and has a hard time explaining that as an event outside the lab (though, there are possible ways in nature, but highly unlikely)." On the question of whether the virus had a natural origin or came from some sort of accidental lab release, Farrar reported that Farzan was "70:30" or "60:40" in favor of an "accidental-release" explanation and that "Bob" — an apparent reference to Robert Garry — was also surprised by the presence of a furin cleavage site in this virus. Farrar quoted Bob saying: "I just can't figure out how this gets accomplished in nature. ... it's stunning."

"Being very careful in the morning wording. 'Engineered' probably not. Remains very real possibility of accidental lab passage in animals to give glykans." The scientists seem by this point to have made a sharp distinction between a scenario in which the virus was deliberately engineered in a lab and a scenario in which the virus was generated during serial passage experiments in a lab.

"Eddie would be 60:40 lab side," Farrar added. "I remain 50:50."

"Yes, I'd be interested in the proposal of accidental lab passage in animals (which ones?)," Collins wrote.

"?? Serial passage in ACE2-transgenic mice," Fauci responded.

"Exactly!" Farrar replied.

"Surely that wouldn't be done in a BSL-2 lab?" wrote Collins, referring to biosafety level 2 labs, which do not have the most stringent safety protocols.

"Wild West..." was Farrar's response, an apparent reference to lab practices in China or possibly to the Wuhan Institute of Virology itself.

In the above exchange, the health officials seem to be contemplating the possibility that the repeated passage of a coronavirus through genetically modified mice in an insufficiently secure lab could have resulted in the accidental emergence and release of SARS-CoV-2. In a later email exchange, Farrar, quoting Garry, noted that serial passage in animals had been proved to result in the appearance of furin cleavage sites in other viruses, specifically the H5N1 flu virus. "There are a couple passage of H5N1 in chicken papers—the furin site appears in steps."

"Critical that responsible, respected scientists and agencies get ahead of the science and the narrative of this and are not reacting to reports which could be very damaging," Farrar wrote that same day.

<https://theintercept.com/2023/01/19/covid-origin-nih-emails/>

Jia Liu (WIV) 刘佳



Email: liujia@wh.iov.cn

Liu Jia, female, master supervisor

State Key Laboratory of Virology and National Virus Resource Center, Wuhan Institute of Virology,

Center for Biosafety Mega-Science, Chinese Academy of Sciences, Wuhan, 430071

Tel: 027-87197327

Mailing address: No. 262, Jinlong Street, Jiangxia District, Wuhan, China, Zhengdian Campus, Wuhan Institute of Virology,

Chinese Academy of Sciences, Building R, 4th Floor, Enhanced BSL-2 Laboratory, Hu Zhihong

2020-10~Present, Wuhan Institute of Virology, Chinese Academy of Sciences, Associate Researcher

2019-11~2020-09, Wuhan Institute of Virology, Chinese Academy of Sciences, Assistant Researcher

(1) Youth Promotion Association Talent Special Fund, Person in Charge, Chinese Academy of Sciences Plan, 2022-01--2025-12

(2) Construction and evaluation of virus infection animal models that meet the characteristics of major human infectious diseases, Person in Charge, National Task, 2021-12--2025-11

(3) Intravenous COVID-19 human immunoglobulin (pH4) non-clinical pharmacodynamic evaluation experimental project, Person in Charge, Domestic Commissioned Project, 2021-03--2021-09

(4) Study on the role and mechanism of key host factor Hsp90 in the new bunyavirus SFTSV escaping host immune response, Person in Charge, National Task, 2020-01--2022-12

(5) National New Coronavirus Infection Pneumonia Epidemic Emergency Special Project Study on the Histopathological Morphology and Pathogenesis of COVID-19 and other Severe Infectious Diseases,

Person in Charge, National Task, 2020-01--2021-12

<https://peopleucas.ac.cn/~0036998>

main research areas include virus invasion, infection and pathogenic mechanisms, and antiviral intervention strategies.

main research objects include important Bunyaviruses (fever with thrombocytopenia syndrome virus and Xinjiang hemorrhagic fever virus, etc.)

and emerging viruses (new coronavirus, etc.).

https://whiov.cas.cn/sourcedb/zw/rck/202011/t20201130_5803796.html

Establishment of a Reverse Genetic System of Severe Fever with Thrombocytopenia Syndrome Virus Based on a C4 Strain

<https://pubmed.ncbi.nlm.nih.gov/33721215/>

Jianguo Xu (徐建国)



xujianguo@icdc.cn

14th National Political Consultative Committee

Pathogen Expert on Disease Outbreaks,

Director National Institute for Communicable Disease And Prevention CDC

Xu Jianguo was Professor Yong-zhen Zhang's direct boss at ICDC, China, and the leader of the joint task force for pathogen identification in Wuhan.

Xu Jianguo organised the blind test kit trial which led to authorization of the three basically useless early test kits, which gave false negatives and contributed to the death of many Wuhan citizens.

<https://apnews.com/article/china-virus-testing-secret-deals-firms-312f4a953e0264a3645219a08c62a0ad>

Jianjun CHEN (WIV) 陈建军



E-mail: chenjj@wh.iov.cn

Title: Principal Investigator E-mail: chenjj@wh.iov.cn

Publications

1. Chen J#*, Huang C, Zhang Y, Zhang S, Jin M. Severe Acute Respiratory Syndrome Coronavirus 2-Specific Antibodies in Pets in Wuhan, China. J Infect. 2020 Sep;81(3):e68-e69.
2. Zheng X#, Wang H#, Su Z#, Li W, Yang D, Deng F*, Chen J*. Co-infection of SARS-CoV-2 and Influenza virus in Early Stage of the COVID-19 Epidemic in Wuhan, China. J Infect. 2020 Aug;81(2):e128-e129.

http://english.whiovcas.cn/sourcedb/rck/201105/t20110518_644516.html

field of study

Influenza and respiratory virus transmission and epidemics

New universal vaccines for influenza and respiratory viruses

<https://people.ucas.ac.cn/~11111>

Jianwei Wang



Tel: 86-10-67828516

Email 1: wangjw28@ipbcams.ac.cn

Email 2: jianwei.wang@ipbcams.ac.cn

Email 3: wangjw28@163.com

NHC Key Laboratory of Systems Biology of Pathogens and Christophe Merieux Laboratory, Institute of Pathogen Biology,

Chinese Academy of Medical Sciences and Peking Union Medical College, Beijing, China

Editorial Board of Virologica Sinica

<https://www.virosin.org/news/EditorialBoard.htm>

Merieux Lab IPB Cams

Vice President BUMC CAMS

Member Expert Group on National R & D And Key Tech in Biosafety

☐ Director of Scientific Research Office CAMS/PUMC

☐ Deputy Director Chinese Academy of Medical Sciences (CAMS)

Professor Jianwei Wang has been the director and associate professor (2005-2008)/full professor (2008-) of Christophe Merieux Laboratory, Institute of Pathogen Biology (IPB), Chinese Academy of Medical Sciences (CAMS) & Peking Union Medical College (PUMC) since 2005 after he worked in China CDC for 8 years. He was the board member of national R&D high-tech project (863 project, 2011-2015). He also serves as the board member of National Major Project of Prevention and Treatment of AIDS, Hepatitis and Other Major Infectious Diseases in China. He is the recipient of National Fund of Distinguished Young Scientist (2012) and Changjiang Scholarship Professor (2014). He is the member of editorial board of many science journals and standing members of academic societies.

<https://www.camsoxford.ox.ac.uk/Team/jianwei-wang>

Research interests:

Etiology and epidemiology of infectious diseases.

System biology, pathogenic and susceptible mechanism of viral infectious diseases.

Diagnostic and preventive technology of infectious diseases and product development.

Publications:

https://www.mgc.ac.cn/cgi-bin/IPB_en/faculty_detail.cgi?PI=WangJW

Publications:

<https://www.researchgate.net/profile/Jianwei-Wang-11/2>

<https://scholar.google.com/citations?user=2jEboVwAAAAJ&hl=en>

SARS-CoV-2's origin should be investigated worldwide for pandemic prevention

[https://www.thelancet.com/journals/lancet/article/PIIS0140-6736\(21\)02020-1/fulltext](https://www.thelancet.com/journals/lancet/article/PIIS0140-6736(21)02020-1/fulltext)

Jinping Chen 陈金平



Senior author of 2019 GIABR paper on Pangolin Coronaviruses

Collaborated with both WIV and EHA before that.

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Tel.: +020-8910-0920

Mailing address: No. 105, Xingang West Road, Guangzhou

Postal code: 510260

<https://people.ucas.edu.cn/~chenjp>

Guangdong Key Laboratory of Animal Conservation and Resource Utilization,

Guangdong Public Laboratory of Wild Animal Conservation and Utilization,

Guangdong Institute of Applied Biological Resources,

Guangdong Academy of Science, Guangzhou, Guangdong Province, China

<http://orcid.org/0000-0002-0808-6617>

2006-07~Present, Guangdong Institute of Entomology/South China Institute of Endangered Animals, Associate Researcher/Researcher

2005-07~2006-06, Guangzhou Institutes of Biomedicine and Health, Chinese Academy of Sciences, Assistant Researcher

1997-07~2002-09, Heilongjiang Fisheries Research Institute, Chinese Academy of Fishery Sciences, Intern Researcher

<https://journals.plos.org/plospathogens/article/authors?id=10.1371/journal.ppat.1008421>

https://usrtk.org/wp-content/uploads/2020/11/Pangolin_Papers_Emails_JPChen_PLoS.pdf

Qian Jun



Institute of Military Veterinary, Academy of Military Medical Sciences, 666 West Liuying Road, Changchun, 130122, Jilin, China.

Email: qianj1970@126.com

former director of the Institute of Military Veterinary Medicine, Academy of Military Medical Sciences

Date of birth: May 1970.

Han nationality, graduate degree

Member of the Communist Party of China

Military rank of senior colonel of the Chinese People's Liberation Army

Representative of the People's Congress of Jilin Province

<https://archive.is/LqHb2>

Two key biosafety R&D projects led by Academician Jin Ningyi and Director Qian Jun respectively.

<https://archive.is/2hwDR>

Two key biosafety R&D projects led by Jin Ningyi and Qian Jun.

The project "Research on the Transmission Risk of Epidemic Sources of Migrating Wild Animals" is hosted by the director, Researcher Qian Jun. Qian Jun is not only the planner and manager of the entire institute, but also a dedicated scientific researcher. the former Science and Technology Silver Star of the General Logistics Department, and is one of the first batch of biosafety doctors in the military. Looking to the future, the institute's political commissar Jiang Rongyong said with emotion: "In the future, we will continue to expand our space, achieve greater development in the fields of major national animal disease prevention and control and biosafety, and absorb a group of internationally influential experts to enrich the talent team. Ensure that our institute guarantees national biosafety and forms an irreplaceable biological strategic deterrence capability."

<https://archive.is/2hwDR>

Genetics, pathogenicity and transmissibility of novel reassortant H5N6 highly pathogenic avian influenza viruses first isolated from migratory birds in western China

https://www.researchgate.net/publication/322684873_Genetics_pathogenicity_and_transmissibility_of_novel_reassortant_H5N6_highly_pathogenic_avian_influenza_viruses_first_isolated_from_migratory_birds_in_western_China

some research listed here:

<https://www.researchgate.net/scientific-contributions/Jun-Qian-2044454336>

Ke Lan (蓝柯)



Email: klan@whu.edu.cn

Deputy Editor In Chief Of Virologia Sinica

Director Virology Key Lab 2017 Onwards

Vice Director Medical Research Institute Wuhan University

Keding Cheng (成克定) aka Kaiting Cheng (程凯汀)



Chinese Spy at Canada's Winnipeg Lab with links to PLA and WIV

Email: zb-chengkeding@kingmed.com.cn

Email 2: chengkeding@kingmed.com.cn

14:30 - 14:50 Blood-based Biomarkers and Applications in Parkinson's Disease

and applications in Parkinson's disease

Huifang Shang

West China Hospital of Sichuan

University, China

hfshang2002@126.com

14:30 - 14:50

14-3-3 as a useful biomarker in the process of developing the method of real-time quaking induced conversion (RT-QuIC) for prion disease identification

Keding Cheng

Guangzhou Medical University,

China

zb-chengkeding@kingmed.com.cn

Cheng Kaiting (程凯汀) is Cheng Keding (成克定)

Kaiting Cheng's email address is chengkeding@kingmed.com.cn on research papers.

程凯汀's bio matches Cheng Keding's profile in a 2023 event announcement from Hebei Normal University (河北师范大学), which was apparently incorrectly identified as Hebei North University

https://x.com/Byron_Wan/status/1771132754035605570

Keding Cheng

Guangzhou Medical University,

China

zb-chengkeding@kingmed.com.cn

https://sohu.com/a/585608754_121123831

all online mentions of him now redirect to spam/betting/porn sites.

Lanying Du (maybe dual citizen or American citizen?) 杜兰英



LDu @nybc.org

Georgia State University

New York Blood Center

LFK Institute

Leiping Zheng 曾磊平



GIABR, WIV and Stanford (GIABR: Guangdong Entomological Institute /South China Institute of Endangered Animals)

Email 1: zenglp@wh.iov.cn

Email 2: lpzeng@stanford.edu

Email 3: zengleiping@163.com

Leiping Zheng was part of Shi's emerging viruses group, and helped develop WIV's reverse genetics technology,

https://linkedin.com/in/%E7%A3%8A%E5%B9%B3-%E6%9B%BE-20ba65a5/?locale=en_US

Leiping Zheng's testimony would reveal the research directions before 2019 at WIV and GIABR.

Stanford University: Stanford, California, US

2019-09-01 to 2023-04-24 | Postdoc (Bioengineer)

<https://orcid.org/0000-0002-6421-0950>

2019-2023

Young Research Fellow, Chinese Academy of Science

<https://med.stanford.edu/qilab/Alumni.html>

2012 Master's student (Master and Doctoral degree)

Identification and genomic characterization of a novel bisegmented coronavirus in the lesser panda

Posted November 27, 2024.

<https://www.biorxiv.org/content/10.1101/2024.11.26.625429v1.full>

Position: Young Researcher

Education: PhD

Tel: 027- 87998011

Email: zenglp@wh.iov.cn

Department: Emerging Viruses Group

Mailing address: Jinlong Street, Jiangxia District, Wuhan City, Hubei Province

Leiping Zeng, PhD, young researcher. He received his bachelor's degree and doctorate from Inner Mongolia Agricultural University and Wuhan Institute of Virology, Chinese Academy of Sciences, respectively. From 2017 to 2023, he conducted postdoctoral research at Shanghai Jiaotong University and Stanford University, USA. His main research direction is to develop new antiviral and anti-tumor methods using CRISPR technology. He has published many research papers in journals such as Nature Communications, PLoS Pathogens, and Journal of Virology as the first author and co-first author.

Research direction

Using CRISPR technology to develop new antiviral and anti-tumor methods

https://whiov.cas.cn/sourcedb/zw/rck/202306/t20230628_6791396.html

Li PingPing (WIV) 李萍萍



Dr. Li Pingping, Director of the Virus Vaccine Research Laboratory and P3 Laboratory of the Wuhan Institute of Biological Products (2004 to present)

<https://www.baike.com/wikiid/694747017543357411>

Date of Birth: 1960

<http://www.mirror.ac.cn/jsry/6658.html>

Tel: (027) 88,843,615

Fax: (027) 88,842,261 zip code: 430,207

http://en.hubei.gov.cn/business/enterprises/201605/t20160510_1437594.shtml

WIBP BSL 3 lab manager

Wuhan Institute of Biological Products Researcher

Gender: Female

Education: Bachelor's Degree

Professional and technical positions: Researcher

Professional and Research: viral vaccine research, vaccine research, laboratory biosafety levels (P3 Lab) Management

Expert of the National High-tech Research and Development Program (863) Expert Database

Member of Laboratory Biosafety Committee of China Pharmaceutical Biotechnology Association

Expert of the Biosafety Management Expert Committee of Hubei Provincial Health Department

<https://baike.baidu.com/item/%E6%9D%8E%E8%90%8D%E8%90%8D/13831565>

Work experience

20 years in viral vaccine research, development, production, quality and P3 laboratory management.

Has measles vaccine room, Fudan University, Department of Biotechnology, Department of Genetics (study visit),

genetic engineering room, Japanese encephalitis vaccine room, Quality Assurance Department (either virus vaccine group leader

and executive QA), virus vaccine laboratory work. The current vaccine research manager and P3 laboratory director and researcher.

Led and participated in the implementation of a number of virus vaccine research.

Led and participated in the implementation of the national 863 vaccine research,

the development of human immunoglobulin SARS, horse serum major research projects of SARS SARS,

presided over the completion of developed serum anti-measles,

developed anti-mumps serum measles mumps encephalitis vaccine research,

participate in live attenuated measles, mumps and bivalent vaccine,

freeze-dried live mumps vaccine, rabies vaccine research genetic engineering, gene modification FMD vaccine research

3rd Li PingPing listed here”

https://no.swewe.net/word_show.htm/?966878_1&Li_Pingping

https://www.cas.cn/yx/201412/t20141202_4266658.shtml

The WIBP P3 could accommodate animals probably including horses.

WIBP carried out research and development of horse anti-SARS serum in 2003, as indicated in Li Pingping’s CV which reveals his participation in the studies.

As a pioneer in China for the P3 lab, the WIBP did some research on P3 ventilation with the Lanzhou Institute of Biological products, as can be seen in the 2006 publication:

The First National Symposium on Biosafety & Bio-Protection Equipment

“Design and Discussion of Automatic Control of BSL-3 Laboratory Ventilation and Air Conditioning System”.

In 2020 the WIBP was still participating in ventilation studies, for example: “Discussion on Layout Design of High Level Biosafety Laboratory Based on Function” (2020).

In 2006, paper by Li Pingping of WIBP, "The Establishment of the Three-level Virus Seed Bank of SARS Virus NS-1 Strain "

<https://d.wanfangdata.com.cn/periodical/zgswzpxzz200503015>

It was followed with a "Human SARS immunoglobulin" Chinese national patent by Yang Xiaoming.

Yang Xiaoming participated in these other SARS projects:

Horse Anti-SARS Serum Research and Development:

Hubei Province Science and Technology Research Project Project (No. 2003AA305B05)

Human SARS Immunoglobulin Development:

National "863" Key Public Relation Project (Project No. 2003AA208223)

Research on the preparation of anti-SARS immune plasma:

China National Biological Products Corporation Scientific Research Project (2003)

DRASTIC WIBP report on ResearchGate page 12

https://www.researchgate.net/publication/350485858_Wuhan_Institute_of_Biological_Products_Co

Research:

A chimeric multi-epitope DNA vaccine elicited specific antibody response against severe acute respiratory syndrome-associated coronavirus which attenuated the virulence of SARS-CoV in vitro

<https://pmc.ncbi.nlm.nih.gov/articles/PMC7112888/>

Research on paralytic brain and paralytic brain in Monkeys at WIBP (2013)

<https://d.wanfangdata.com.cn/nstr/ChBOc3RyTkVXUzlwMjMwOTA0EiQxMjE3MjM3Ni0wNDhGLTRGN0EtOEFDNi05NEU2RThGQTc1REEdCGR4dTNtejZq>

Study on the biological activity of human SARS-specific immunoglobulin

<https://d.wanfangdata.com.cn/periodical/Ch9QZXJpb2RpY2FsQ0hJTmV3UzlwMjUwMTE2MTYzNjE0EhJ6Z3N3enB4enoyMDA1MDMwMjAaCHVieHI1bjRq>

Histopathological and immunohistochemical evaluation of the neurotoxicity of vaccines in monkey

Rhesus monkeys were injected with live attenuated Japanese encephalitis vaccine and live attenuated measles vaccine in the thalamus and lumbar spinal cord.

The whole monkey brain and spinal cord tissue were removed by dissection

<https://d.wanfangdata.com.cn/periodical/Ch9QZXJpb2RpY2FsQ0hJTmV3UzlwMjUwMTE2MTYzNjE0Eg96Z3h5enoyMDE2MTgwMTkaCHVieHI1bjRq>

Discussion on the safety of laboratories for mass culture of SARS virus

<https://d.wanfangdata.com.cn/periodical/Ch9QZXJpb2RpY2FsQ0hJTmV3UzlwMjUwMTE2MTYzNjE0Eg5RSzlwMDYwMjUwMzUyORoldWJ4cjVuNGo%3D>

Paper Download:

<https://www.doc88.com/p-5763116380720.html>

Parallel Translation of Paper:

<https://docs.google.com/document/d/e/2PACX-1vQUTMDjNdI1KL2NhF5a9COp87h7QDiDcL0aKaMbXWwKoZWvNF6Bfpbewt16fbJG-2gy4-IJfyjhAVIX/pub>

Study on the stability and culture conditions of SARS virus NS-1 strain

<https://d.wanfangdata.com.cn/periodical/Ch9QZXJpb2RpY2FsQ0hJTmV3UzlwMjUwMTE2MTYzNjE0EhJ3c3d4bXl4anoyMDA1MDEwMDEaCHVieHI1bjRq>

Establishment of a three-level virus library of SARS virus NS-1 strain (2005)

<https://d.wanfangdata.com.cn/periodical/Ch9QZXJpb2RpY2FsQ0hJTmV3UzlwMjUwMTE2MTYzNjE0EhJ6Z3N3enB4enoyMDA1MDMwMTUaCHVieHI1bjRq>

Development and quality control of SARS inactivated vaccine (2005)

<https://d.wanfangdata.com.cn/periodical/Ch9QZXJpb2RpY2FsQ0hJTmV3UzlwMjUwMTE2MTYzNjE0EhJ6Z3N3enB4enoyMDA1MDUwMTAaCHVieHI1bjRq>

Libiao Zhang (GIABR) 张礼标



(GIABR) Guangdong Entomological Institute /South China Institute of Endangered Animals

E-mail: zhanglb@gdei.gd.cn

largest bat samples collector for WIV:

<https://www.mammal.cn/EN/10.16829/j.slx.150521>

Center: Center for Animal Ecology and Evolution

He is mainly engaged in animal ecology and virus ecology research. He has presided over 13 national, provincial and municipal scientific research projects; won 4 scientific and technological achievement awards;

published 112 academic papers (46 of which were included in SCI); applied for and authorized 1 utility model patent; and participated in the formulation of 1 local standard.

He is a member of the editorial board of Fauna Sinica - Chiroptera, a member of the IUCN Bat Specialist Group, a director of the Guangdong Zoological Society, a director of the Guangdong Ecological Society, and a director of the Chinese Animal Behavior Committee.

Research Direction

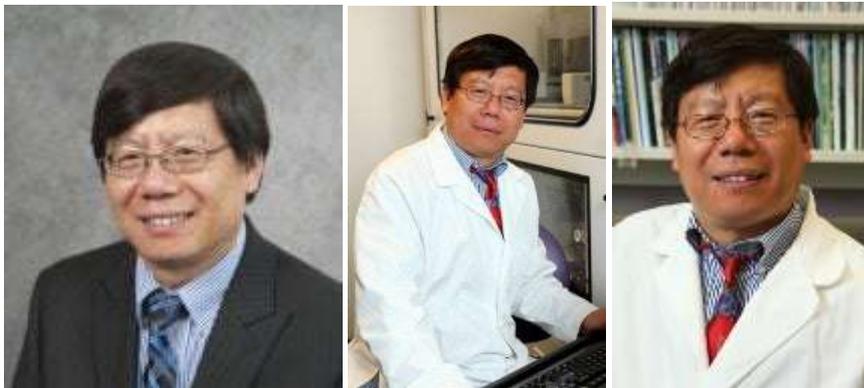
Bat behavioral ecology and molecular evolution; bat-borne viruses and their co-evolution with hosts.

<http://www.giz.gd.cn/yjdw/yjy/t2492.html>

Libiao Zhang's research while affiliated with Guangdong Academy of Agricultural Sciences

<https://www.researchgate.net/scientific-contributions/Libiao-Zhang-2143969299>

Lijun Rong (dual citizen?) 荣立军



actually seems like a nice guy and does useful research so up to you if you list or not.

Email: lijun@uic.edu

Professor at Illinois University

Department of Microbiology and Immunology

Building & Room: COMRB 8133

Office Phone: 312-355-0203

Fax: 312-996-6415

Building & Room: COMRB 8040

Office Phone: 312-996-0110

Mechanisms of Viral Replication and Antivirals

Our laboratory is focused on elucidating the entry mechanisms of several emerging or reemerging viral pathogens and on developing potential antiviral therapeutics.

Currently we are focusing the following viruses: filoviruses (Ebola and Marburg viruses), influenza viruses, SARS-CoV-2, and Henipaviruses.

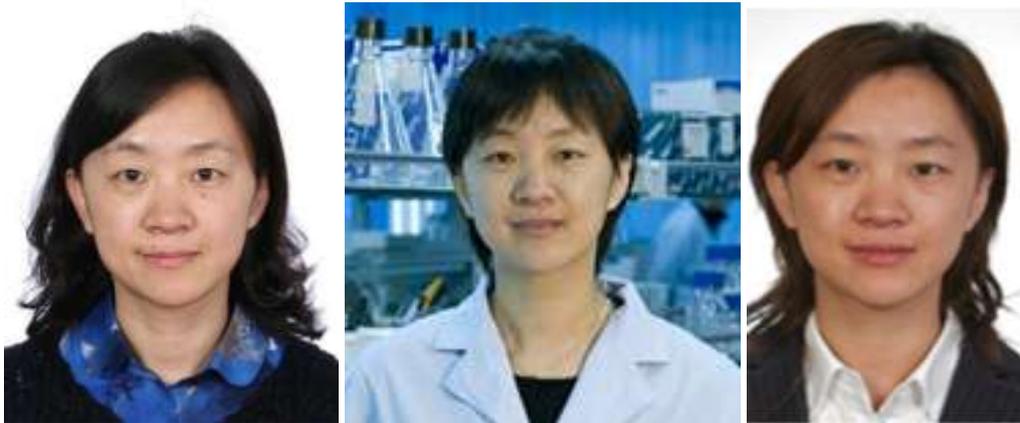
<https://chicago.medicine.uic.edu/microbiology/profiles/rong-lijun/>

Collaborated with Hongbin Shu and Shibo Jiang of Fudan University

Publications:

<https://www.researchgate.net/profile/Lijun-Rong/research>

Lili Ren (IPB CAMS) 任丽丽



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Email: renlili@ipbcams.ac.cn

Email 2: renliliipb@163.com

<https://pubmed.ncbi.nlm.nih.gov/25530469/>

Deputy Director IPB,

Research Director CAMS

Deputy Director Christophe Merieux Laboratory

MOH Key Laboratory of Systems Biology of Pathogens and Dr. Christophe Mérieux Laboratory, CAMS-Fondation Mérieux,

Institute of Pathogen Biology (IPB), Chinese Academy of Medical Sciences (CAMS) and Peking Union Medical College, Beijing, P. R. China

<https://journals.plos.org/plosone/article/authors?id=10.1371/journal.pone.0074947>

Research interests:

- Etiology of respiratory viruses.
- Interaction of viruses and host cells.

Respiratory Virus R & D, expert on respiratory microbiome and infection.

Publications List

https://www.mgc.ac.cn/IPB_en/PI/RenLL.html

<https://www.researchgate.net/profile/Lili-Ren-3>

Liu Bobo (WIV) 刘波波



Technician animal management & lab technician

Since 2013

Lab system documents

biosafety management of wastegas/water/industrial waste

Head of the Wuhan P4 Laboratory Biosafety Management Team responsible for access management of scientific research projects carried out in the laboratory, a biosafety specialist and senior laboratory technician. On one day between May 20 and May 23, 2022, Liu Bobo showed the public the positive pressure protective suits in the Wuhan P4 Laboratory.

phone number for bidding and procurement of biosafety equipment: 0086-027-51861016

<https://x.com/CPAJim2021/status/1828731615444398361>

Wuhan National Biosafety Laboratory Biosafety Testing
Overview Center Information Consulting Display Resources Information Recruitment 8

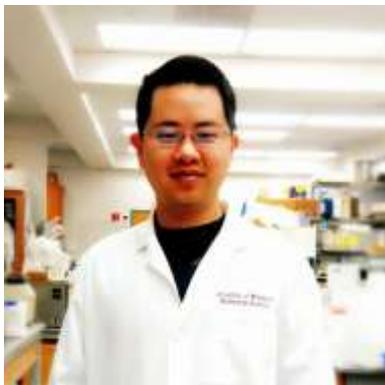
3. Competitive consultation announcement media and date:
Hubei Provincial Government Procurement Website, September 7, 2018

IV. Review Information
Review date: September 20, 2018
Evaluation location: Evaluation Hall of Hubei Guohua Tendering and Consulting Co., Ltd.
Evaluation Committee Leader: Liu Jia
List of judging panel members: Liu Jia, Zhang Haimou, Liu Bobo

5. Transaction Information
Successful supplier: China Academy of Building Research Co., Ltd.
Service period: 25 days
Warranty period: 1 year
Address of successful supplier: No. 30 North Third Ring Road East, Chaoyang District, Beijing
Transaction amount: RMB 300,000

6. Announcement period: one working day
7. Amount of transaction service fee: RMB 4,000.00
8. Purchasing Unit:
Purchaser: Wuhan Institute of Virology, Chinese Academy of Sciences
Contact: Ms. Xie
Tel: 027-51861016
Address: No. 44, Xiaohongshan Central District, Wuhan

Luo Chu-Ming (WIV) 罗楚铭



Email: chine.lcm@163.com

CAS Key Laboratory of Special Pathogens and Biosafety, Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan 430071, China

WIV 2011 Master's student (Master and Doctoral degree)

Genome sequencing and receptor analysis of novel Bat MERS-related Coronaviruses (under Shi Zhengli)

Complete Genome Sequencing and Receptor Analysis of Novel
Bat MERS-related Coronaviruses

A dissertation submitted to
University of Chinese Academy of Sciences
In partial fulfillment of the requirement
for the degree of
Doctor of Philosophy
in Microbiology
By
Luo Chu-Ming
Supervisor: Professor Shi Zheng-Li

Wuhan Institute of Virology, Chinese Academy of Sciences

June 2018

Studied Microbiology at University of Chinese Academy of Sciences

PhD

1 September 2011 - Present

Studied Biomedical Engineering at Huazhong University of Science and Technology

School year 2011

<https://www.facebook.com/people/%E7%BD%97%E6%A5%9A%E9%93%AD/pfbid0h6v33PpjH4XMJQ7KSaatXfcHLsn9KmJstdCEaRu1BDVdR4Qw8ZWP1aKvHPtaSsRZI/>

<https://archive.ph/Lo63l>

Now at University of Minnesota?

<https://typeset.io/authors/chuming-luo-36upsy52d6>

Department of Veterinary and Biomedical Sciences, University of Minnesota, Saint Paul, MN, USA?

CAS Key Laboratory of Special Pathogens and Biosafety, Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan, Hubei, China

University of Chinese Academy of Sciences, Beijing, China

Department of Veterinary and Biomedical Sciences, University of Minnesota, Saint Paul, Minnesota, USA

Research Article

13 June 2018

Discovery of Novel Bat Coronaviruses in South China That Use the Same Receptor as Middle East Respiratory Syndrome Coronavirus

<https://journals.asm.org/doi/10.1128/jvi.00116-18>

Viruses. 2019 Apr 24;11(4). pii: E379. doi: 10.3390/v11040379.

Characterization of a New Member of Alphacoronavirus with Unique Genomic Features in Rhinolophus Bats

<https://pubmed.ncbi.nlm.nih.gov/31022925/>

Publications:

<https://www.researchgate.net/scientific-contributions/Chu-Ming-Luo-2035372000>

Ma Xiaowei 马晓伟



born December 1959

served as the head of the National Health Commission of China between March 2018 and May 2024 (now retired).

Birthplace: Shanxi Province, Wutai County

https://web.archive.org/web/20161006212607/http://www.chinavitae.com/biography/Ma_Xiaowei

The documents show how political considerations may have shaped China's response to the outbreak.

In the memo, Ma demanded officials unite around Xi. It made clear that social stability was a key priority during the long lead-up to China's two biggest political meetings of the year in March.

"Emphasize politics, emphasize discipline, emphasize science," the memo cites Ma as saying.

<https://archive.ph/URJlo#selection-2047.0-2071.91>

May 2020 WHO briefing:

<https://www.who.int/docs/default-source/wpro---documents/countries/china/covid-19-briefing-nhc/10-slides-of-minister-ma-xiaowei.pdf>

if there was foreknowledge of severe flu in Oct/Nov 2019 based on comparison between 2018 & 2019 influenza diagnosis & treatment plans published by NHC

China's November 2019 Influenza Plan

<https://graph.org/2019-Influenza-Plan-06-27>

3 people would have known about it: Ma Xiaowei, Wang Hensheng, George Gao

<https://buzzchronicles.com/BillyBostickson/b/all/11432/>

Already on a proposed sanctions list

18th CONGRESS

1st Session

H. R. 229

IN THE HOUSE OF REPRESENTATIVES (January 9, 2023)

Mr. Wittman introduced the following bill to impose sanctions with respect to members of the Chinese Communist

Party and heads of Chinese health agencies relating to the COVID-19 pandemic, and for other purposes.

(1) Gao Fu, also known as George Fu Gao, the Director of

the Center for Disease Control and Prevention of the People's Republic of China.

(2) Ma Xiaowei, Minister of the National Health Commission of the People's Republic of China.

<https://www.congress.gov/118/bills/hr229/BILLS-118hr229ih.htm>

Manli Wang (WIV) 王曼丽



Manli Wang, wangml@wh.iov.cn

Mailing address: No. 44, Xiaohongshan Middle District, Shuiguohu Street, Wuchang District, Wuhan City

Tel: 027-87197327

Professor Group Leader wiv

Vector Viruses R And D

Leader Of Systems Virology Group

PhD, is a researcher in the group. Born in 1981 , she received her bachelor's degree from Wuhan Polytechnic Institute in 2002 and her doctorate degree from Wuhan Institute of Virology, Chinese Academy of Sciences in 2008. During her doctoral studies (2007.3-2007.10), she conducted international collaborative research at Wageningen University in the Netherlands . She has been engaged in the study of the infection mechanism of insect viruses and insect-borne bunyaviruses for a long time, and has achieved a series of innovative research results, especially in the study of virus invasion mechanism and antiviral drugs.

His recent research focuses on the molecular mechanism of virus invasion of cells, the interaction mechanism between viruses and the immune system of vectors / host insects, the pathogenic mechanism of viruses, and the study of antiviral drugs.

Research direction:

The structure and function of viral membrane fusion proteins, viral infection mechanisms and interactions with the host, etc.

https://web.archive.org/web/20210717085954/http://www.whiov.cas.cn/sourcedb_whiov_cas/zw/rck/201203/t20120308_3452554.html

Philippe Maurin (French Citizen)



Scientific and Higher Education Attaché - Consulate General of France in Mumbai

https://www.instagram.com/atlasskilltechuniversity/p/DCHDDyXNtiG/?img_index=6

Attaché for Science and Technology, French General Consulate in Wuhan

Ambassade de France en Chine

Sep 2015 - Aug 2018 3 years

Wuhan City, China

<https://in.linkedin.com/in/philippe-maurin-1a2b39b2/en>

Head of International Affairs, Ecole Normale Supérieure de Lyon, France

Philippe Maurin is Director of International Affairs and Associate Professor in Organic Chemistry at Ecole Normale Supérieure de Lyon. He advises the President of ENS de Lyon on matters of international strategy and is in charge of the departments of “Students International mobility” and “international partnerships and cooperation”. From 2015 to 2018, he worked for the French Ministry of foreign affairs at the French Embassy in China as “Attaché for Science, Technology and Innovation”. He was stationed at the French General Consulate in Wuhan, in charge of promoting French attractivity in research and innovation, monitoring exact and medical sciences cooperation, R&D and innovation subjects (mainly automotive and health sciences). Before 2015, he was advisor of the Vice-president of studies at ENS de Lyon for careers and studies in exact and experimental sciences and Director of the chemistry department from 2010 to 2014

https://en.tsu.ru/upload/medialibrary/c64/programme-and-bios-of-the-panellists-_2_.pdf

Delegation of Scientific Adviser of French embassy to China Pierre LEMONDE visited ICARE

Source: Release:2016-10-21

On October 18th 2016, Scientific Adviser of French embassy to China Pierre Lemonde, scientific attaché of French consulate general in Wuhan Philippe Maurin and assistant Mrs. Li Shanshan visited ICARE. Executive director Mr. Liu Junhua, deputy director Mr. He Gang and Mrs. Zheng Jing from HUST international office, ICARE Chinese co-dean Prof. Luo Xiaobing, European co-dean Prof. Michel Farine and all ICARE staffs attended the meeting.



Mrs. Zheng Jing welcomed guests on behalf of HUST. ICARE European co-dean Prof. Michel Farine introduced ICARE institute, development in recent years as well as cooperation and exchange with Mines-Paristech and other partner universities. Mr. Liu Junhua expressed his gratitude to French Consulate General in Wuhan for their constant support. He said that cooperation and exchanges between the two sides are important basis for the development of ICARE institute and an important window for China-EU bilateral cooperation in the field of new energy. He hoped that the two sides could maintain good communication, and further contribute to Sino-French cooperation and development in such areas as education and science and technology. Prof. Luo Xiaobing made a presentation on the future development of ICARE. Mr. Pierre Lemonde expressed his wishes for the sustainability of ICARE as he pointed out that clean and renewable energy is a major aspect of China-EU cooperation. ICARE is also an important component of cultural exchange between China and France. He stressed that French Embassy will continue to support ICARE institute activities. He also encouraged ICARE students to actively participate in summer schools organized each year in France by French Embassy scientific service and in the upcoming French Innovation Day in December.

<https://icare.hust.edu.cn/info/1066/2027.htm>

WIV and IPS Signed a Strategic Cooperation Agreement

Date : 25-03-2016

Wuhan Institute of Virology (WIV) and Institut Pasteur of Shanghai (IPS) signed a Strategic Cooperation Agreement in Wuhan on March 17, 2016. Mr. Hong Tang, the Director General, Mr. Fernando ARENZANA-SEISDEDOS, the Co-Director, Mr. Si Shengli, the CPC Secretary and Mr. Ke Lan, the Deputy Director of IPS, Mr. Philippe Maurin, the Attaché for Science and Technology of French General Consulate in Wuhan, and Mr. Xinwen Chen, the Director General, Mr. Gengfu Xiao, the Deputy Secretary of Party Committee, Mr. Changcai He, the Deputy Director and Mr. Zhiming Yuan,

the Director of BSL-4 Laboratory of WIV were present at the signing ceremony. The signing ceremony also gathered researchers and staffs of both sides.

During the ceremony, as the representatives from both sides, Mr. Xinwen Chen and Mr. Hong Tang delivered their addresses with passion. Both of them hoped our two institutes to strengthen cooperation and achieve the advantage compensation around the "CAS Pioneer Initiative". By utilizing the two institutes' current international resources jointly, they also wished that WIV and IPS will respond actively to the initiatives of "Go Global" and "One Belt, One Road" proposed by our government, and make a significant contribution to research in life sciences, especially in the prevention and control of infectious diseases. Mr. Philippe Maurin expressed warm congratulations to the signing of strategic cooperation agreement. He assured that the outcome of this cooperation will benefit the Sino-France collaboration on prevention and control of infectious diseases undoubtedly. As witnesses, the agreement was signed by Mr. Xinwen Chen and Mr. Hong Tang.

As the important carriers in Chinese Academy of Sciences (CAS) under the Sino-France scientific cooperation, WIV and IPS have amazing strengths in virology studies and prevention and control of infectious diseases respectively. WIV and IPS will share their complementary experience and expertise to elaborate cooperation on basic research and applied research on infection and immunity of infectious diseases, biosafety laboratories promotion, education and training programs and the transformation of scientific achievements, so as to respond with synergistic efficiency to public health challenges in our country.

http://english.whiov.cas.cn/ne/201712/t20171214_187886.html

Counselor for Science and Technology of the Embassy of France Visited WIV

Date : 23-10-2015

On 24 Sep. 2015, Counselor for Science and Technology of the Embassy of France, Mr. Pierre Lemonde, who took office recently, visited Zhengdian Park of WIV, CAS, along with Attaché for Science and Technology of French General Consulate in Wuhan, Philippe Maurin, and International Technical Expert of the Embassy of France, Gabriel Gras.

On the Seminar, Prof. Zhiming Yuan, Director of Wuhan Branch, CAS, briefed the Sino-French collaboration on public health emergency response over the years. And then, by showing the visitors around the bio-containment level 4 laboratory (P4) in Zhengdian Park, Prof. Yuan introduced the present implementation of the cooperation project, personnel training, future operation schedule, and the exchange and cooperation on the prevention and control of emerging infectious diseases between the two sides.

Mr. Pierre Lemond highly valued the current progress and the achievements made by the two countries in the area of the prevention and control of emerging infectious diseases. The collaborative agreement signed by them has been always put a new premium by French government, and it will continue to be promoted vigorously. After the visit and exchange, it is believed that we have turned the agreement into a working application, and it is a shared vision that we will make further endeavor and work closely to boost the strategic cooperative partnership on the prevention and control of emerging infectious disease in more depth, so as to make greater contributions to human health and well-being.

Mingyao Tian (PLA AMMS) 田明尧



Email: klwklw@126.com

Institute of Military Veterinary, Key Laboratory of Jilin Province for Zoonosis Prevention and Control,
Academy of Military Sciences, Changchun, People's Republic of China

<https://journals.plos.org/plosone/article/authors?id=10.1371/journal.pone.0219560>

https://www.scienceopen.com/document_file/7a6aa2ca-e4f6-44dc-98af-92b183db5806/PubMedCentral/7a6aa2ca-e4f6-44dc-98af-92b183db5806.pdf

<https://www.frontiersin.org/journals/microbiology/articles/10.3389/fmicb.2021.780768/full>

Publications:

<https://pubmed.ncbi.nlm.nih.gov/?term=%22Tian%20M%22%5BAuthor%5D>

Ningyi Jin is the Director of the Laboratory of Molecular Virology and Immunology of the Military Veterinary Research Institute of the Academy of Military Medical Sciences, the director of the Military Genetic Engineering Key Laboratory, and the director of the Jilin Province Virus Recombinant Vaccine Research and Development Engineering Center.

He has been a research collaborator with Peking Union Medical College, China's Centers for Disease Control (CCDC), Model Animal Research Center of Nanjing University, Jilin Agricultural University, Wenzhou University, Yanbian University, Shihezi University, Sichuan University, Foshan University, and other allegedly "civilian" research institutions.

In one scientific **publication**, Ningyi Jin lists himself as a faculty member of Wenzhou and Guangxi Universities. In **another** publication, he affiliates himself with Yanbian University.

Ningyi Jin has extensive experience in experimentation with coronaviruses.

In addition to his research connections, some of which can be traced back to the United States, there are two aspects of Ningyi Jin's research activities that raise red flags.

Not only does he use genetic engineering extensively, but Ningyi Jin is **one** of a number of scientists in China, who, **since 2007**, have conducted experiments with a transgenic mouse model containing the human receptor for coronaviruses.

Research:

<https://pmc.ncbi.nlm.nih.gov/articles/PMC5803923/>

<https://www.cabidigitallibrary.org/authored-by/Jin/Ning-yi>

Pei Yong Shi (US Citizen?) 史佩勇



Email: peshi@utmb.edu.

UTMB Collaboration with Chenfeng Qin of PLA & AMMS

I. H. Kempner Professor, Human Genetics, UT Medical Branch at Galveston

Mail Box: 1055, T.G. Blocker Medical Research Building, Room No.: 5.138B MRB

Tel: (409) 772-6370

<https://profiles.gulfoastconsortia.org/profilesystem/editprofile.php?pid=3694&onlyview=1>

Research:

<https://pubmed.ncbi.nlm.nih.gov/?term=Shi+pei-yong>

PENG YUN (WIV)

NEED Chinese name and PHOTO

Email: pengyun@wh.iov.cn

BSL4 Lab Technician for experimental animal's blood sampling, intragastric administration, injection & anatomy of mice & breeding of mice, also breeds bats & ticks.

Center for Biosafety Mega-Science, Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan, 430071, China.

State Key Laboratory of Virology, Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan, China

Research and Publications:

<https://www.researchgate.net/scientific-contributions/Yun-Peng-2172541690>

Characterization of neutralizing antibody with prophylactic and therapeutic efficacy against SARS-CoV-2 in rhesus monkeys

<https://www.proquest.com/docview/2471564689?sourcetype=Scholarly%20Journals>

A highly effective ferritin-based divalent nanoparticle vaccine shields Syrian hamsters against lethal Nipah virus

<https://www.frontiersin.org/journals/immunology/articles/10.3389/fimmu.2024.1387811/full>

Hervé RAOUL (French Citizen)



Email: herve.raoul@inserm.fr

Phone : 0472768299

Location : Lyon, France

<https://cvscience.aviesan.fr/cv/1355/herve-raoul>

Directeur adjoint

ANRS | Maladies infectieuses émergentes

Jul 2021 - Present 3 years 8 months

Ville de Paris, Île-de-France, France

French National Agency for Research on AIDS - Emerging Infectious Diseases (ANRS MIE)

Assistant Director of ANRS MIE (French National Agency for Research on AIDS - Emerging Infectious Diseases)

<https://fr.linkedin.com/in/herv%C3%A9-raoul-b709b054>

<https://beready4pandemics.eu/about>

PhD in biology of blood cells from Paris VII University obtained in 1995 and accreditation to supervise research at the Paris XI University in 2000.

From 1989 to 1997, laboratory of Experimental Neurology and Neurovirology at CEA (French Atomic Energy Commission) working on the consequences of HIV infection on macrophages functions. From 1997 to 1998, research scientist in the Biology of Retroviruses Unit at the Pasteur Institute in Paris. From 1998 to 2003, Laboratory of Radiotoxology at the CEA, working on the immunological consequences of uranium exposure. From 2003 to 2007 head of the Biological Issues of the French G8 Partnership Program at the CEA

Appointed as Director of the French BSL4 Inserm Jean Mérieux laboratory in Lyon in 2005.

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Also involved in EU funded projects (e.g. ENP4lab) and coordinator, since 2008 of the ERINHA (European Research Infrastructure on Highly Pathogenic Agents) project in the frame of the European Strategic Forum for Research Infrastructure.

https://africaeuropescience.sched.com/speaker/herve_raoul.22ykinn1

Herve Raoul on Ebola (2014)

<https://www.leparisien.fr/archives/l-urgence-est-de-trouver-un-medicament-antiviral-08-08-2014-4052607.php>

Director of the French BSL4 Inserm Jean Mérieux laboratory in Lyon

<https://www.leparisien.fr/societe/on-a-visite-le-p4-ce-labo-haute-securite-ou-l-on-traque-les-virus-mortels-29-07-2018-7837137.php>

Publications:

<https://www.researchgate.net/scientific-contributions/Herve-Raoul-71350464>

[https://pubmed.ncbi.nlm.nih.gov/?term=Raoul%20H\[Author\]](https://pubmed.ncbi.nlm.nih.gov/?term=Raoul%20H[Author])

Rui Gong (WIV) 龚睿



Email: gongr@wh.iov.cn

- Tel: 027-87998301
- Department: Gong Rui Subject Group
- Mailing address: Jinlong Street, Jiangxia District, Wuhan City, Hubei Province

Professor and Group Leader WIV Viral Antibodies R & D

https://whiov.cas.cn/sourcedb/zw/rck/201304/t20130416_3820466.html

Shan Lu Liu (Dual Citizen?) 刘善虑



Chinese Name:

liu.6244@osu.edu

614-292-8690

Ohio State University (US Citizen?)

Professor, Director - Viruses and Emerging Pathogens Program, Infectious Disease Institute

Founding President of the Association of Chinese Virologists in America from 2018-2020.

<https://asm.org/biographies/shan-lu-liu,-m-d,-,-ph-d>

Research Interests

- Host restriction to viral infection and viral countermeasures
- Viral cell-to-cell transmission
- Innate/adaptive immunity and sensing to viral infection
- Mechanisms of viral membrane fusion and entry
- Cell signaling, viral oncogenes, and human lung cancer
- Model viruses of study – HIV, Ebola virus, SARS-CoV-2, Influenza A virus, Zika virus, hepatitis C virus, and oncogenic sheep retroviruses

Publications:

<https://microbiology.osu.edu/people/liu.6244>

<https://www.researchgate.net/profile/Shan-Lu-Liu-2>

The harms of promoting the lab leak hypothesis for SARS-CoV-2 origins without evidence

https://www.researchgate.net/publication/382798329_The_harms_of_promoting_the_lab_leak_hypothesis_for_SARS-CoV-2_origins_without_evidence

Shiyun Chen (WIV) (YOU MAY CHOOSE NOT TO LIST THIS PERSON) 陈士云



Email: sychen@wh.iov.cn

Professor And Group Leader at WIV

- Tel: 027-87199354
- Department: Chen Shiyun Discipline Group
- Mailing address: Jinlong Street, Jiangxia District, Wuhan City, Hubei Province

Pathogenic Bacteria

Regulation mechanism of pathogenic bacterial gene expression and virulence secretion system, pathogenic bacterial resistance mechanism, pathogenic bacterial persistent infection mechanism, bacteriophage-pathogen interaction mechanism

https://whiov.cas.cn/sourcedb/zw/rck/200907/t20090718_2100070.html

Shu Shen (WIV) 沈姝



Email: shenshu@wh.iov.cn

Wuhan Institute of Virology, Chinese Academy of Sciences (CAS) Wuhan, China

<https://loop.frontiersin.org/people/1171091/network>

she conducted research as a visiting scholar at the Department of Virology, Wageningen University, the Netherlands.

Her main research directions are: discovery, identification and isolation of new (tick-borne) viruses, investigation of the potential infection and pathogenicity of tick-borne viruses and their pathogenicity mechanisms, research on the mechanism of platelet response and bleeding induced by viral infection, and the molecular mechanism and prevention and control of tick-borne and virus-transmitting viruses.

She serves as a guest editor of *Frontiers in Microbiology*, and has presided over and undertaken national key research and development plans, National Natural Science Foundation projects, China Science Strategic Biological Resources Capacity Building Project, Hubei Natural Science Foundation projects, etc.

https://whio.v.cas.cn/sourcedb/zw/rck/201812/t20181217_5213163.html

SONG Donglin



E-mail: dlsong@wh.iov.cn

Principal Investigator

Professor, Wuhan Institute of Virology

http://english.whiov.cas.cn/sourcedb/rck/200907/t20090718_644501.html

Deputy Director of Wuhan BSL-4 Laboratory (2019)

French Delegation visited Wuhan National Biosafety Laboratory, CAS (Date : 08-03-2019)

http://english.whiov.cas.cn/ne/201903/t20190308_206695.html

Publications:

<https://www.researchgate.net/scientific-contributions/Donglin-Song-2155373117>

BSL 4 research

Evaluation and comparison of three virucidal agents on inactivation of Nipah virus (journal article)

Huang, Yi | Xiao, Shuqi | Song, Donglin | Yuan, Zhiming

Scientific Reports, volume 12, issue 1 (2022).

10.1038/s41598-022-15228-0

Cited by (4) | Cite | Source

<http://dx.doi.org/10.1038/s41598-022-15228-0>

Biosafety Level 4 Laboratory User Training Program, China (journal article)

Xia, Han | Huang, Yi | Ma, Haixia | Liu, Bobo | Xie, Weiwei | Song, Donglin | Yuan, Zhiming

Emerging Infectious Diseases, volume 25, issue 5 (2019).

10.3201/eid2505.180220

Cited by (6) | Cite | Source

<http://dx.doi.org/10.3201/eid2505.180220>

Quality management in a high-containment laboratory (journal article)

Hou, M. | Song, D.L. | Shi, Z.L. | Yuan, Z.M.

Journal of Biosafety and Biosecurity, volume 1, issue 1, pages 34-38 (2019).

10.1016/j.jobb.2019.01.009

Cited by (3) | Cite | Source

<http://dx.doi.org/10.1016/j.jobb.2019.01.009>

Aerosol containment by airflow in biosafety laboratories (journal article)

Feng, Xin | Zhang, Yanguo | Xu, Zhonglin | Song, Donglin | Cao, Guoqing | Liang, Lei

Journal of Biosafety and Biosecurity, volume 1, issue 1, pages 63-67 (2019).

10.1016/j.jobb.2018.12.009

<http://dx.doi.org/10.1016/j.jobb.2018.12.009>

<https://scholargps.com/scholars/20253702807240/donglin-song>

Tian Junhua (WHCDC) 田俊华



tianjunhua1980@163.com

Institute of Disinfection and Vector Control, Wuhan Center for Disease Control and Prevention,
Wuhan 430015, Hubei, China

@edwardcholmes 2 May 2020:

"It's untrue: no bat samples at Wuhan CDC"

Feb 2020: "With super perseverance, Tian Junhua (WCDC) captured nearly 10,000 bats, & then plunged into the laboratory to study these bat samples"

<https://archive.ph/yg2cT>

But during the operation, Tian Junhua forgot to take protective measures. Bat urine dripped on him from the top of his head like rain. If he was infected, he couldn't even find medicine. Tian Junhua tried his best to calm himself down: "As long as you don't get sick during the 14-day incubation period, you will be lucky to escape." After returning home, he took the initiative to keep a distance from his wife and children and quarantined for half a month. He didn't feel comfortable until he found no abnormalities in his body. Take a breath.

Bats have sharp claws on their wings, and clips are needed to catch bats. Big bats can easily squirt blood after being pinched; several times, bat blood has been sprayed directly on Tian Junhua's skin. If it is infected, the consequences will be disastrous. But Tian Junhua didn't back down at all. Fortunately, he escaped the infection.

With super perseverance, Tian Junhua captured nearly 10,000 bats, and then devoted himself to the laboratory to study these bat samples. In 2012, Tian Junhua discovered a virus in bat samples collected in Huangpi, named "Huangpi virus". The research report was published on the cover of the internationally renowned academic journal "PloS Etiology" in 2013, causing a sensation.

Video Time Point: 2:43

TIAN JUNHUA COLLECTING BATS WITH HIS WIFE

<http://whtv.com.cn/splby/p/18448.html>

'Insect man' Scientist Tian Junhua of Wuhan Centre for Disease Control "forgot to take protective measures.

Bat urine dripped from the top of his head like raindrops on his body. Several times, bat blood was sprayed directly on Tian Junhua's skin"

<http://xinhuanet.com//local/2017-05>

An interesting update on Tian Junhua "Insect Man" aka "Bat Hunter" who works at WCDC as technician in charge of the Institute of Disinfection & Vector Biological Control

Published in "Health Times" March 13, 2020

Interesting claims in article

http://paper.people.com.cn/jksb/html/2020-03/13/content_1979666.htm

He published a paper together with Professor Zhang Yongzhen as part of the the 2019 State Project

<http://icdc.cn/plus/view.php?aid=2274>

WUHAN LABORATORIES, BAT RESEARCH AND BIOSAFETY (2021)

DOI:10.13140/RG.2.2.32006.29761

Tian Junhua, 36, is a researcher at the Institute of Disinfection and Vector Control of Wuhan Center for Disease Control and Prevention, and a well-known "insect expert" in Jiangcheng.

His research team has discovered 1,445 new viruses in five years, more than half of the total number of viruses discovered by humans in the past 200 years.

<https://cpst.hzau.edu.cn/info/1125/3044.htm>

Analysis of cockroach surveillance in Wuhan city from 2007 to 2016:

Chinese Journal of Vector Biology and Control, 2018, 29(2): 168-171.

<http://www.bmsw.net.cn/CN/abstract/abstract15011.shtml>

Wuhan Center for Disease Control and Prevention Institute of Environmental Health and Food Safety

https://www.mingyihui.net/doctor_1456963.html

Go to the mountains at night to catch thousands of bats

"Bats carry a large number of unknown viruses. The more thoroughly we study them, the more beneficial it will be to maintaining human health."

<http://hb.sina.com.cn/news/b/2017-05-03/detail-ifyetwtf9687742.shtml>

Video:

Invisible Line of Defense

https://www.kepu.net.cn/zt/kyqc/202003/t20200318_484773.html

<https://m.fznews.com.cn/dsxw/20170503/59098ba66370f.shtml>



<http://www.cnhubei.com/xw/wuhan/201612/t3752831.shtml>

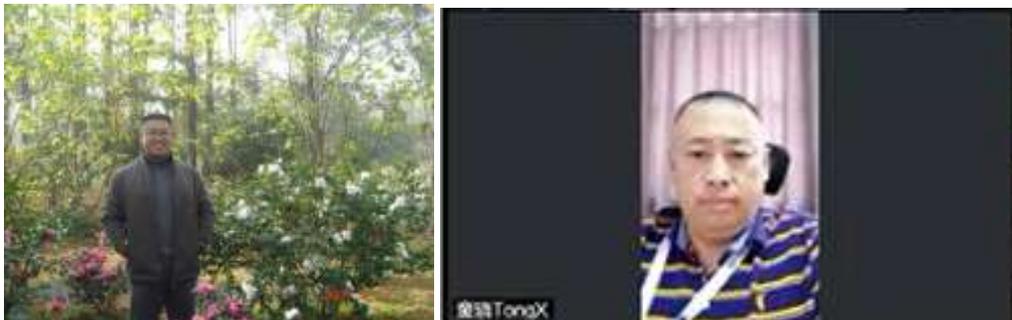
<https://www.1688.com.au/world/china/2020/03/13/767344>

<https://www.1688.com.au/world/china/2020/03/13/767344>

US experts urge China to disclose laboratory records as they search for the origin of the pandemic

<https://www.aboluowang.com/2020/0402/1431256.html>

TONG Xiao (WIV) 童晓



Deputy director of the Wuhan National Biosafety Laboratory

Secretary of the Party Branch of the Zhengdian Laboratory of the WIV, responsible for the Wuhan National Biosafety Laboratory

Senior Engineer at WIV (Molecular Virology & (HIV) infection, mechanical & vaccine immunology)

On-site Manager & Chief engineer for WIV BSL-4 Lab construction, maintenance & biosafety equipment R&D.

Born: September 1969.

After 2002, he was mainly engaged in molecular virology research, with the main research direction being HIV virus.

He participated in the research work of 973 and 863 projects,

He coordinated the matching of French design requirements with Chinese construction standards, screened qualified suppliers for Wuhan P4 Laboratory, and made on-site decisions on engineering technology changes.

<https://archive.ph/1IHU7>

Tongyan Zhao (AMMS BIME) 赵彤言



Email: tongyanzhao@126.com

State Key Laboratory of Pathogen and Biosecurity, Beijing Institute of Microbiology and Epidemiology

AMMS Leader Of Vector Virus R And D (mainly Mosquitoes)

Member Expert Group Novel Coronavirus of PRC

Director Vector Borne Disease and Control Dept, Institute Of Microbiological Epidemiology, AMMS.

Vector Virus R & D (Zika)

<https://www.rstmh.org/dr-tongyan-zhao>

Publications:

<https://www.researchgate.net/profile/Tong-Yan-Zhao/research>

Wang Ning (WIV and Shenzhen) 王宁



(Graduated from WIV) Now Biosafety Manager at Shenzhen Institutes of Advanced Technology

Wang Ning - Biosafety Manager (Engineer)

Graduated from the Wuhan Institute of Virology, Chinese Academy of Sciences in 2018, Doctor of Science,

Responsible for the operation of the Institute's Biosafety Management Committee and biosafety management within the institute.

<https://www.siat.ac.cn/pts2016/swaagl/ryjs/>

CAS Key Laboratory of Special Pathogens and Biosafety, Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan 430071, China.

wuzhongxiaoliu@163.com.

Wang Ning 2014 PhD student

Email 2: 420337093@qq.com

(2011.09-2014.06, graduated with a master's degree in this discipline group)

Email 1: wuzhongxiaoliu@163.com

Characterization of a New Member of Alphacoronavirus with Unique Genomic Features in Rhinolophus Bats

<https://pubmed.ncbi.nlm.nih.gov/31022925/>

Genomic Characterization of Diverse Bat Coronavirus HKU10 in Hipposideros Bats (WIV 2021)

<https://pubmed.ncbi.nlm.nih.gov/34696392/>

Publications:

Wei Chen (PLA AMMS) 陈薇



See other list

(Major General) Chen Wei (Chinese: 陈薇;

born February 1966)

Chinese epidemiologist and virologist specializing in biodefense currently working as a researcher and doctoral advisor at the Academy of Military Medical Sciences

Academician of the Chinese Academy of Engineering (CAE).

In September 2021, The Globe and Mail reported that Chen is also a major general in China's People's Liberation Army.



2015 Article:

Female academic and military officer Chen Wei earned a promotion to the rank of major general in Beijing on July 10, joining only around 40 other women who hold that post in the Chinese army.

The Chinese People's Liberation Army General Logistics Department announced Chen's promotion among a number of male counterparts at the ceremony.

Out of those female generals in the Chinese army, two of them are lieutenant generals including Nie Li and Xu Lili, both of whom headed senior military science, technology and academic institutions. Chen, who is also a member of the Executive Committee of the All-China Women's Federation (ACWF), was born in Lanxi City, in the eastern Zhejiang Province, in 1966. She obtained her bachelor's degree at the local Zhejiang University.

The new major general graduated with a master's degree from the Department of Chemical Engineering at acclaimed Tsinghua University in the capital in 1991. In April that year, she was recruited by the military.

She received her doctorate degree at Academy of Military Medical Sciences in 1998.

Currently, she is researcher, doctoral supervisor, and dean of the Institute of Bioengineering of the academy. Meanwhile, she is also a lawmaker for China's top legislature, the National People's Congress, member of the executive committee of the ACWF and a member of the Standing Committee of the China Youth Federation.

<https://web.archive.org/web/20200416163956/http://www.womenofchina.cn/html/news/china/15071648-1.htm>

2021 Article

According to the official website of the Chinese Academy of Engineering, Chen Wei was born on February 26, 1966. She is a biosafety expert from Lanxi City, Zhejiang Province. She graduated from the Academy of Military Medical Sciences in 1998 with a doctorate degree. She is currently a researcher at the Institute of Bioengineering, Academy of Military Medical Sciences, Academy of Military Sciences, a deputy to the 12th National People's Congress and a member of the 13th National Committee of the Chinese People's Political Consultative Conference. She was elected as an academican of the Chinese Academy of Engineering in 2019.

Chen Wei has long been committed to the research of biohazard prevention and control, and has developed the first SARS prevention biological drug "recombinant human interferon ω " of our army and the world's first Ebola vaccine approved for new drug certificates. After the outbreak of the COVID-19 epidemic, she immediately rushed to Wuhan to carry out scientific research and prevention and control guidance tasks, and achieved major results in basic research, vaccine, and protective drug research and development, making significant contributions to epidemic prevention and control. She was awarded the titles of "Advanced Individual in the Prevention and Control of SARS in the Army" and "Top Ten Outstanding Youths in the Country".

<https://www.163.com/dy/article/GBBS3RFK054109WD.html>

WENJIE TAN (Wuhan IVDC/CDC) 谭文杰



Email: tanwj@ivdc.chinacdc.cn

Director Centre for Virus Disease Emergency Technology

Chief Scientist on the Chinese National Key R & D Project:

Infection Transmission Mechanism of Important Virus Disease

Responsible for the CDC approved Shanghai testing kits which gave 30 percent false negatives in January 2020, condemning many Wuhan residents to death, and helping to cover up early case data.

The testing kit scandal was previously reported on by AP News based on leaked documents, so you do need to read that great article for background context

<https://apnews.com/article/china-virus-testing-secret-deals-firms-312f4a953e0264a3645219a08c62a0ad>

China's Center for Disease Control and Prevention very quickly gave test kit designs and distribution rights exclusively to three then-obscure Shanghai companies with which CDC officials had personal and obviously financial connections.

The three Shanghai companies paid China CDC for the information & distribution rights of testing kits.

GeneDx Biotech

Huirui Biotechnology

BioGerm Medical Technology

The price?

One million RMB (\$146,600) each, the sources said

In the meantime, the CDC and its parent agency, the National Health Commission, tried to prevent other scientists and organizations from testing for the virus with their own homemade kits.

In a departure from past practice for at least two epidemics, the NHC told Wuhan hospitals to send virus samples — from which tests can be developed — only to central labs under its authority.

It also made testing requirements to confirm coronavirus cases much more complicated & endorsed only (faulty) test kits made by the 3 Shanghai companies.

This contributed to not a single new case being reported by China between Jan. 5 & 17, even though hundreds were infected.

The apparent lull in cases meant officials were slow to take early actions such as warning the public, barring large gatherings and curbing travel. One study estimates that intervention two weeks earlier could have reduced the number of cases by 86 percent,

When tests from the three companies arrived, many didn't work properly, turning out inconclusive results or false negatives. Technicians were hesitant to use test kits that would later prove more accurate from more established companies, because the CDC did not endorse them.

With few and faulty kits, only one in 19 infected people in Wuhan was tested and found positive as of Jan. 31, according to an estimate by Imperial College London. Others without tests or with false negatives were sent back home, where they could spread the virus.

Many Chinese People died due to this test kit corruption

"There were very, very few tests, basically none....

if you couldn't prove you were positive, you couldn't get admitted to a hospital"

Wu Jia (WIV) 吴佳



Telephone number for bidding:0086- 027-87198921

Senior Engineer & biosafety officer at WIV. In charge of biosafety in BSL-2 & BSL-3 laboratories.

Manages infectious animal experimentation in BSL-3 and BSL-4 labs.

senior engineer at Wuhan Institute of Virology, Chinese Academy of Sciences

<https://cn.linkedin.com/in/%E4%BD%B3-%E5%90%B4-b6082575>

Study on the standard transformation of virus suspension inactivation test method in biosafety laboratories Deng Amei; Wei Feng; Wu Jia; Ma Haixia; Yuan Zhiming Chinese Journal of Comparative Medicine 2016

<https://stkeylab.whlib.ac.cn/study.php?id=25>

In 2020, An Xuefang (安學芳), director of the WIV's Laboratory Animal Center; Wu Jia (吴佳), head of laboratory safety for the WIV's BSL3 facilities; and Tang Hao (唐浩), a bioengineer who has worked at the WIV since 2010, all gave presentations at a conference sponsored by Beijing Huironghe. The title of the event was "Biosafety Laboratory Management and Experimental Technology Training Course."

<https://taiwannews.com.tw/news/4132037>

According to the personnel training plan of both China and France, Senior Engineer Wu Jia, the biosafety manager of BSL-3 laboratory of Wuhan Institute of Virology and the supervisor of experimental animals in Zhengdian Park, received biosafety training at the Pasteur Institute of Lille, France from October 24 to December 23, 2011

http://www.whiov.cas.cn/xwdt_160278/zhxw2019/201911/t20191111_5429199.html

Wu Jia, Director of the Biosafety Management Office and Director of the P3 Laboratory of the Wuhan Institute of Virology, Chinese Academy of Sciences,

<https://www.hnccdc.com/html/web//news/zhongxindongtai/1854075632828936193.html>

Wu Jia, who is over 50 years old, led the team members to play an important role in scientific and technological support in the application for experimental activity qualifications, disinfectant development, experimental animal preparation, personnel training and biosafety guidance.

http://www.whiov.cas.cn/zt_160288/dqpyzyx/zdblydyxf/202005/t20200529_5600398.html

Director Wu Jia of the BSL-3 Laboratory of the Wuhan Institute of Virology

Director Wu Jia focused on "Critical disinfection and sterilization and protective equipment for biosafety" in this training. For example, the introduction, selection, installation location selection and exhaust system setting, detection, disinfection, etc. of biological safety cabinets, the types, selection, monitoring, and precautions for use of pressure steam sterilizers, and the characteristics, advantages and disadvantages of gas (steam) disinfection equipment (such as chlorine dioxide, formaldehyde, hydrogen peroxide, ethylene oxide, etc.). In addition, other laboratory disinfection equipment, such as ultraviolet lamps, xenon lights, aqueducts, animal residue treatment systems, sewage treatment systems, etc., were also introduced in detail.

https://www.fdsa.org.cn/index/index/newsdetail.html?id=25659&cat_id=23

Patents

Wu Jia has applied for 4 patents, 2 of which have been authorized. The earliest patent he applied for is a cage for insectivorous bats , and the most recent patent he applied for is a surface disinfectant for high-level biosafety laboratories and its preparation method . The main technical directions of Wu Jia's patent applications include: easy one-handed operation for doctors , ladybug larvae , and hydroponic chambers . His main collaborators are: Yuan Zhiming , Tang Hao , and Liu Jun .

<https://www.patentguru.com/cn/inventor/904155>

A method for artificially breeding wild insectivorous bats

Inventor (designer):

Wu Jia

An Xuefang

Shi Guanghua

Tang Hao

Peng Yun

Zhao He

<https://www.patentguru.com/cn/CN112205352A>

<https://www.patentguru.com/cn/CN112205352B>

Object surface disinfectant for high-grade biosafety laboratory

<https://patents.google.com/patent/CN112262846B/en?assignee=Wuhan+Institute+of+Virology+of+CA&sort=new&page=5>

tool for quickly tying fingers in a biosafety laboratory

Inventor (designer):

Tang Hao

Yao Liping

Wu Jia

Li Liping

Liu Jun

<https://www.patentguru.com/cn/CN110755127A>

cage for breeding insectivorous bats

Assignee:

Wuhan Institute of Virology, Chinese Academy of Sciences

Inventors:

Wu Jia

Shi Guanghua

An Xuefang

Tang Hao

Peng Yun

<https://www.patentguru.com/CN208317981U>

Publication:

Virologica Sinica
<https://doi.org/10.1007/s12250-021-00376-w>



www.virosin.org
www.springer.com/12250

RESEARCH ARTICLE



Protective Efficacy of Inactivated Vaccine against SARS-CoV-2 Infection in Mice and Non-Human Primates

Yan-Feng Yao¹ · Ze-Jun Wang² · Ren-Di Jiang^{1,3} · Xue Hu¹ · Hua-Jun Zhang¹ · Yi-Wu Zhou⁴ · Ge Gao¹ · Ying Chen^{1,3} · Yun Peng¹ · Mei-Qin Liu^{1,3} · Ya-Nan Zhang^{1,3} · Juan Min¹ · Jia Lu² · Xiao-Xiao Gao¹ · Jing Guo² · Cheng Peng¹ · Xu-Rui Shen^{1,3} · Qian Li^{1,3} · Kai Zhao^{1,3} · Lian Yang⁵ · Xin Wan² · Bo Zhang¹ · Wen-Hui Wang² · Jia Wu¹ · Peng Zhou¹ · Xing-Lou Yang¹ · Shuo Shen² · Chao Shan¹ · Zhi-Ming Yuan¹ · Zheng-Li Shi¹

Received: 23 January 2021 / Accepted: 8 February 2021

https://www.sohu.com/a/461971745_120056641

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Human Infection with a Novel Tickborne Orthonairovirus Species in China

Published January 8, 2025

N Engl J Med 2025;392:200-202

Supported by a grant (2023YFC2305901) from the National Key Research and Development Program of China.

<https://www.nejm.org/doi/10.1056/NEJMc2410853>

Many Pangolin Papers e.g.

Identifying SARS-CoV-2-related coronaviruses in Malayan pangolins

<https://www.nature.com/articles/s41586-020-2169-0>

Publications:

<https://www.researchgate.net/profile/Wu-Chun-Cao>

<https://www.scilit.com/scholars/10067834>

PENG Yun

NO PHOTO or Chinese name FOUND

Email: pengyun@wh.iov.cn

Female Researcher

Center for Biosafety Mega-Science, Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan, China.

P4-Assistant Lab Technician for experimental animals blood sampling,

intra-gastric administration, injection & anatomy of mice & breeding of mice, also breeds bats & ticks

" A small body can also burst out with great energy " - Peng Yun

" Mom, when will you and Dad come to pick me up ?" Peng Yun's eyes moistened as she watched the video of her child on WeChat. After receiving the scientific research task, Peng Yun and her husband sent their two-year-old daughter back to their hometown. More than three months have passed in a flash. This is the longest time she has been away from her child.

" Every experiment is like an ' upgrade and fight monsters ' . I am very fortunate to contribute to the establishment of the animal model. " Peng Yun said happily. The establishment of the animal model for more than three months has enriched her understanding of the etiology and pathology of COVID-19. Peng Yun is thin, but she has always been tenacious and fearless. As a post- 90s , she did not flinch at the critical moment, and resolutely took on a responsibility worthy of honor with her small body.

http://www.whiovcas.cn/zt_160288/dqpyzyx/zdblydyxf/202005/t20200529_5600398.html

Publications:

<https://www.researchgate.net/scientific-contributions/Yun-Peng-2172541690>

Quanjiao Chen (WIV) 陈全皎



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Prof And Group Leader Since 2017 Nipa and Avian Flu

She was a visiting scholar at the French National Institute of Health and Medical Research from 2017 to 2018.

Her main research directions include but are not limited to the biological characteristics, cross-species infection, pathogenicity and severe disease mechanisms of influenza virus under natural infection;

Nipah virus pathogenicity.

https://whiov.cas.cn/sourcedb/zw/rck/201105/t20110518_3136241.html

Quan-Jiao Chen's research while affiliated with Wuhan Institute Of Virology

<https://www.researchgate.net/scientific-contributions/Quan-Jiao-Chen-2169640509>

Rui Gong (WIV) 龚睿



Professor and Group Leader WIV Viral Antibodies R And D

- Email: gongr@wh.iov.cn
- Department: Gong Rui Subject Group
- Mailing address: Jinlong Street, Jiangxia District, Wuhan City, Hubei Province
- Tel: 027-87998301

Develop neutralizing antibodies and antibody fragments (such as nanobodies) that have preventive and therapeutic effects against important viruses,

explain the mechanism of action of antibodies, understand basic issues such as virus-host interaction, and provide new targets for drug design and development

https://whiov.cas.cn/sourcedb/zw/rck/201304/t20130416_3820466.html

Ruifu Yang (AMMS BIME) 杨瑞馥



Email: 13801034560@163.com

Professor

Beijing Institute of Microbiology and Epidemiology

<http://www.imeta.science/imetaomics/editor.html>

Institute of Microbiology and Epidemiology, Academy of Military Medical Sciences

https://cn.bio-protocol.org/bio101/special_issue.aspx?siid=48

State Key Laboratory of Pathogen and Biosecurity, Beijing Institute of Microbiology and Epidemiology, Beijing 100071, China.

Director State Key Laboratory of Pathogen Microbiology AMMS

PLA's bioweapon expert, posted an article with researchers from Wuhan Institute of Virology, PLA CDC under PLA Joint Logistics Support Force,

China CDC and other institutes in Sep 2019.

<https://pubmed.ncbi.nlm.nih.gov/31543403/>

The image shows the cover of the journal *Cell Metabolism*, Volume 19, Issue 10, October 1, 2019. The main article is titled "Fatty Liver Disease Caused by High-Alcohol-Producing *Klebsiella pneumoniae*". The authors listed are Jing Yuan, Chen-Chen, Jinghui Cai, Jiahui Wu, Rui Yang, Qi Lu, and others. The cover features a diagram of a human liver and a bar chart showing the abundance of various metabolites. The journal logo "CellPress" is visible at the bottom.

The co-authors of paper "Progress of *Yersinia pestis* gene transcriptional regulation" included Ruifu Yang and researchers from

Wuhan General Hospital of PLA now renamed to PLA General Hospital of Central Theater Command

<https://wsxwtb.ijournals.cn/wsxwtben/article/pdf/tb19040891...>

鼠疫耶尔森氏菌基因转录调控的研究进展

刘磊^{1,2} 郑山根^{*1} 郑娅琼¹ 蔡李平¹ 杨瑞馥²

1 中国人民解放军武汉总医院输血科 湖北 武汉 430070

2 军事科学院军事医学研究院微生物流行病学研究所 病原微生物生物安全国家重点实验室 北京 100071

摘要: 细菌基因转录调控是多种调控机制中研究最为广泛的一种模式。复杂而精细的基因转录调控网络有助于细菌应答外界环境压力,在病原菌致病与传播中均发挥着关键作用。本文以鼠疫耶尔森氏菌基因转录调控的相关研究进展为基础展开论述,重点阐述细菌的转录调控机制、转录调控的研究策略及鼠疫菌致病与传播中转录调控的作用,以期为深入研究鼠疫菌致病与传播中的基因转录调控分子机制提供新思路。

关键词: 鼠疫耶尔森氏菌, 基因转录调控, 生物膜, 毒力

Progress of *Yersinia pestis* gene transcriptional regulation

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2 State Key Laboratory of Pathogen and Biosecurity, Institute of Microbiology and Epidemiology of Academy of Military Medical Sciences, Beijing 100071, China

Abstract: Bacterial gene transcriptional regulation is one of the most widely studied mechanisms. Complex, but precise gene transcription regulatory network helps bacteria respond to environmental changes and plays a key role in the pathogenesis and transmission of pathogens. This paper discussed research progress of *Yersinia pestis* gene transcriptional regulation, the transcriptional regulation mechanism, strategies for transcriptional regulation, and the function of transcriptional regulation in *Yersinia pestis* pathogenesis and transmission, to provide new ideas for further research.

Ruifu Yang a member of Science and Technology Steering Committee of the Wuhan National Biosafety Laboratory of Wuhan Institute of Virology as early as September 2018.



A: Ruifu Yang (杨瑞馥), PLA's top biowarfare expert on WIV's Steering Committee

http://whiov.cas.cn/xwdt_160278/zhxw2019/201911/t20191111_5429824.html

https://web.archive.org/web/20200404101805/http://english.whiov.cas.cn/About_Us2016/Committees/

<https://issf.cas.cn/en/facilities-view.jsp?id=ff8080814ff56599014ff59e677e003d>

中国科学院武汉国家生物安全实验室科技指导委员会成立大会暨第一次会议召开

来源:

时间: 2016-09-30

9月29日上午,中国科学院武汉国家生物安全实验室(以下简称“武汉P4实验室”)科技指导委员会成立大会暨第一次会议在武汉召开,中科院副院长、党组副书记潘桐出席会议,会议由武汉P4实验室科技指导委员会主任、中国疾病预防控制中心主任高福院士主持。

会上,高福向武汉P4实验室科技指导委员会专家颁发了聘任证书,与会专家共同审议了实验室科技指导委员会章程,听取了武汉P4实验室运行进展工作报告和实验室科研布局及进展报告。会议还就实验室病毒保藏流程、科技合作机制、人才引进等问题进行深入交流与探讨,明确了武汉P4实验室在生物安全平台保障能力、高致病性病毒资源保藏能力以及国家生物安全服务和支撑能力等方面的建设目标和任务。

与会专家对武汉P4实验室为我国生物安全、人类健康及公共卫生领域所作出的贡献表示肯定,并提出实验室应在共建共管共用的定位上发挥良好的高等生物安全平台作用。通过进一步加强管理,培养高水平生物安全实验人员,更深入、广泛开展国际合作与科学研究,让武汉P4实验室承载国家使命,发挥国家队的的作用。

在感谢国家和地方有关部门以及与会专家对武汉P4实验室工作的支持,他指出,作为国家首个按照国际标准建设的高等级生物安全实验室,武汉P4实验室是中科院“率先行动计划”战略部署的重要组成部分,也是与国家卫健委、湖北省人民政府开展科技合作的重要支撑力量。武汉P4实验室作为我国研究和利用高致病性病原的硬件设施和条件平台,不仅是中科院的实验室,更是全国的实验室。要继续秉持开放共享的理念,进一步加强与国内外科研及卫生机构的合作,不断吸纳和汇聚国内外杰出科研工作人员与力量,产出更多、更重大的优秀成果。在未来的科研活动中,进一步增强紧迫感、责任感、担当感,坚持需求导向、问题导向、目标导向、思维科研方向,让实验室充分发挥大科学设施的引领和辐射作用,作为国之利器,努力为国家生物安全、为人类健康事业做出更大贡献。

武汉国家生物安全实验室的运行管理机制是“开放、流动、联合、竞争”,突出“基础性、共享性、国际性”三大特点。实验室对全国从事新生疾病研究和生物防范研究的科研部门和人员开放。只要符合协议和相关管理条例,不同部门的科研人员均可以在此从事有关科研工作。同时,实验室将联合卫生部所属的国家疾病预防控制中心、中国医学科学院、军事医学科学院、农业部、高等院校及其他相关科研部门,共同承担国家项目,解决国家新生疾病和生物安全的重大科学问题^[25]。2010年11月,武汉病毒所向中国科学院计划局提出试运行方案。同年12月,武汉病毒所正式成立园区试运行管理领导小组。2011年1月,已建设完成的科研建筑及其辅助基础设施陆续启用。通过几年的试运行,实验室的运行管理模式与机制逐渐成熟。2017年8月,实验室顺利通过国家卫计委实验室活动资格和实验活动现场评估。翌年1月,武汉国家生物安全实验室正式投入运行。目前,武汉病毒所正积极谋划中国科学院生物安全大科学中心建设,拟形成以中国科学院、国家卫计委、湖北省政府三方共建为基础,充分整合国内生物安全研究领域优势单位的世界一流高等级生物安全团簇平台(图2)。

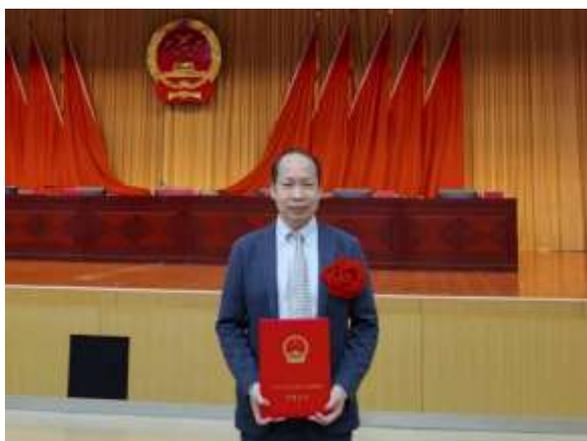
Wuhan National Biosafety Laboratory

CREATE PROPOSAL

Wuhan National Biosafety Laboratory is located in Zhengdian Scientific Park of Wuhan Institute of Virology, CAS in Jiangxia District, Wuhan, Hubei Province. The laboratory is in central region of Central China, with mountains at three directions, convenient transportation and relatively independent environment. The facilities to be built include test facility for fulminant disease pathogens such as Cellular Level Biosafety Level 4 Laboratory, emerging disease research facility and fulminant disease pathogen storage facility (that is, BSL-4, BSL-3 and BSL-2, ordinary laboratory, animal feeding room and relevant supporting facilities), which will finally form a relatively complete emerging disease research unit. The overall goal of the project is to build a high-level biosafety laboratory in Wuhan that is based on strict management system and open to domestic scientists to a limited extent, forming a relatively independent research platform that can research two or three types of fulminant infectious disease pathogens and develop the corresponding vaccines. This will also make up the weakness that China's public health emergency response system is imperfect, and there is no adequate and effective technical support and drug reserve. By doing this, at the outbreak of a new infectious disease, active and scientific prevention and control measures can be taken, forming a new normal state for dealing with emerging disease and biological defense in the future. This will play a fundamental and technical supporting role in the prevention and control of major new infectious diseases in China, thus meeting the major strategic demand of the nation and revealing major scientific issues. The laboratory will become a base for research on the measures to be taken for prevention and control of emerging diseases in China, a preservation center for virus seeds, a reference laboratory of WHO and a node for disease network, and finally it will become a core in China's emerging disease research network. At the same time, it can also effectively improve China's capability in preventing and responding to biological wars and terrorist attacks and ensure biosafety of China.

Wuhan National Biosafety Laboratory is a major international science and technology cooperation project within the framework of the Agreement between China and French on Cooperation for Prevention and Control of Emerging Infectious Diseases as directly witnessed and promoted by heads of both countries in 2004. It is a critical big science facility filling the gap of China's biosafety system and responding to major biosafety threats.

Wei Hongping (WIV) 危宏平



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Department: Wei Hongping Discipline Group

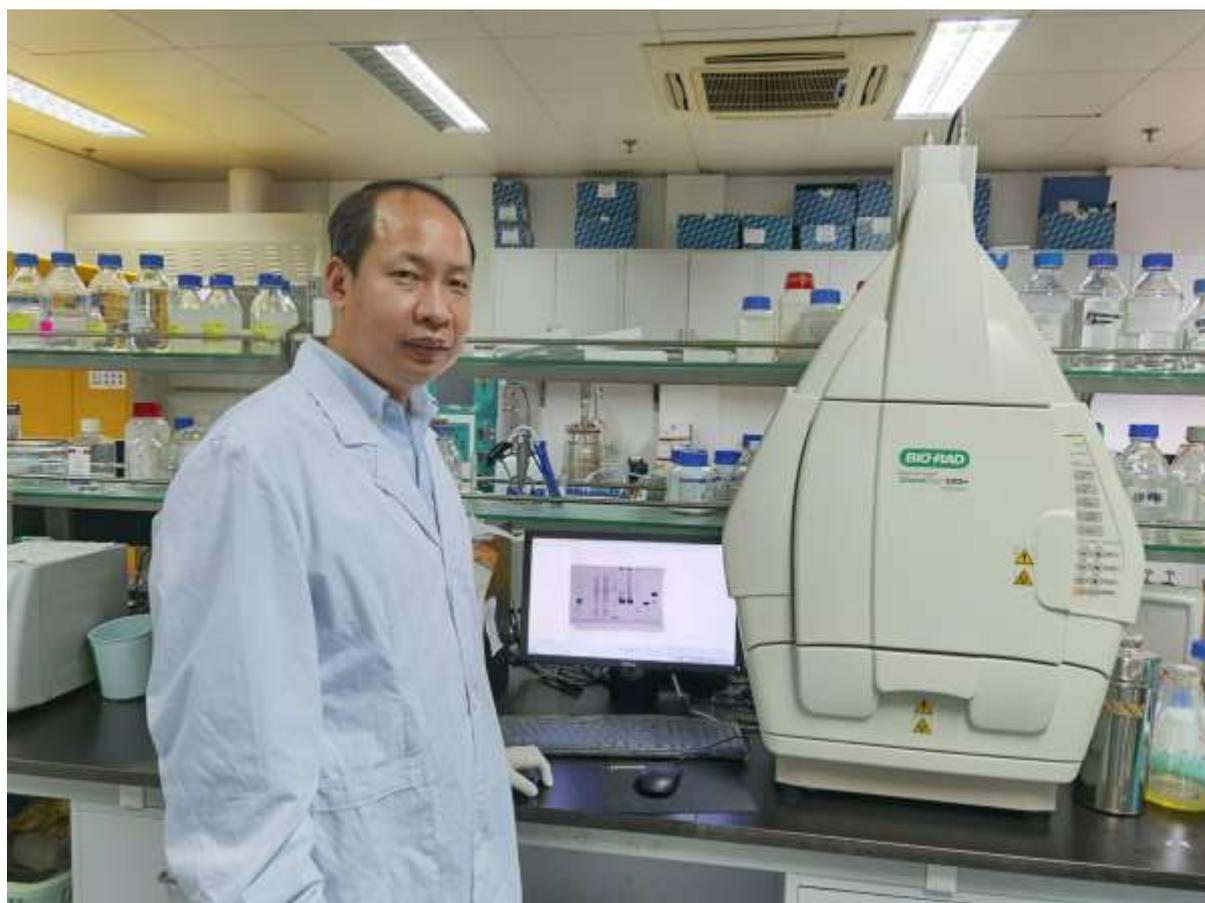
Mailing address: Jinlong Street, Jiangxia District, Wuhan City, Hubei Province

Wei Hongping serves as the director of the Zhengdian P3 Laboratory of the Wuhan Institute of Virology and other important tasks

https://whio.v.cas.cn/djkxwh/djgz/202010/t20201022_5720800.html

2005-03-01 to present

Key Laboratory of Highly Pathogenic Pathogen Biology and Biosafety, Chinese Academy of Sciences, Center for Biosafety, Chinese Academy of Sciences, Wuhan Institute of Virology, Wuhan 430071, China



https://whio.v.cas.cn/djkxwh/djgz/202010/t20201022_5720800.html

Hongping Wei, Ph.D., Professor

He received his Ph.D. degree in Analytical Chemistry from National University of Singapore in 2001.

His research is focused on analytical microbiology.

There are three major research topics:

Developing new methods for detection of microbes and their drug susceptibility,

Bacteriophage lysins function and their applications,

Nanosensors and molecular biosensors.

He is a member of the analytical microbiology committee of the Chinese Microbiology Society.

Dr. Hongping Wei has published over 40 research papers in international journals and obtained two US patents.

Publications List:

ORCID: 0000-0002-9948-8880

<https://orcid.org/0000-0002-9948-8880>

patents:

<https://patents.google.com/?inventor=%E5%8D%B1%E5%AE%8F%E5%B9%B3>

Wenjun Liu CAS Key Laboratory of Pathogenic Microbiology & Immunology) 刘文军



E-mail : liuwj@im.ac.cn

Principal Investigator, Professor : Viral Infection and Biological Pharmacy Research Center

Professor, Deputy Director of CAS Key Laboratory of Pathogenic Microbiology & Immunology

Address : NO.1 Beichen West Road, Chaoyang District, Beijing 100101, P.R.China

Telephone/fax : 86-10-64807497

https://english.im.cas.cn/people_/facultyandstaff/KLPMI/202012/t20201204_256065.html

field of study

The infection mechanisms of influenza and other viruses and the mechanisms of interaction between viruses and hosts; treatment of viral infections and inflammation

Institute of Microbiology, Chinese Academy of Sciences, second-level researcher, professor at the University of Chinese Academy of Sciences, doctoral supervisor, expert enjoying special allowance from the State Council. He served as deputy director of the Key Laboratory of Pathogenic Microorganisms and Immunology, Chinese Academy of Sciences, director of the Level 3 Biosafety Laboratory (2011-2021), director of the Molecular Virus Center, and director of the Molecular Virus and Biopharmaceutical Open Laboratory of Zhongguancun Science Park.

Publications:

<https://peopleucas.ac.cn/~lwj>

https://english.im.cas.cn/people/_facultyandstaff/KLPMI/202012/t20201204_256065.html

Wuxiang Guan (WIV) 关武祥



Email: guanwx@wh.iov.cn

- Department: Guan Wuxiang's Discipline Group
- Mailing address: Jinlong Street, Jiangxia District, Wuhan City, Hubei Province

2018 To 2022 Deputy Director Of WIV

Tel: +86 27871972580

Contact: 027-87197258

http://www.whiovcas.cn/tzgg_160286/201911/t20191103_5420238.html

Leader RNA Virus R And D

Research Direction

1. RNA virus epigenetics: using omics techniques to analyze the effects of viral RNA modifications such as m6A , m5C , ac4C , etc. on viral genome replication, RNA processing and translation, and revealing the molecular mechanism of the interaction between the RNA modification system and key viral proteins;

2. Pathogenic biology of emerging infectious diseases: Focusing on highly pathogenic viruses such as NiV , we study the interaction between viruses and hosts and screen corresponding molecular targets and drugs.

https://whiov.cas.cn/yjsjy/zsxyjs/dsjs/bssds/202105/t20210524_6036949.html

RNA Posttranscriptional Regulation

Wuxiang Guan, M.D. and Ph.D., Professor of Wuhan Institute of Virology, Chinese Academy of Sciences.

Dr. Guan obtained his BSc of Clinical Medicine in 2000, MSc of Virology in 2003 from Tongji Medical University.

His Ph.D. was awarded by Institute of Viral Disease Control and Prevention, Chinese CDC in 2006.

Dr. Guan did research at:

University of Kansas Medical Center (2007-2009),

Stowers Institute of Medical Research (2010-2012)

before joining Wuhan Institute of Virology in June 2012.

His research interest focuses on understanding the 3' end biogenesis of mRNA and noncoding RNA with molecular biology and biochemistry methods.

In the past 5 years, Dr Guan has published 5 papers on JVI and JBC as first author.

As a candidate of the “Hundred Talent project” of the Chinese Academy of Sciences, Dr. Guan’s ongoing project has also been funded by NSFC.

Han Xia (WIV) 夏菡



- Email: hanxia@wh.iov.cn
- Department: Arbovirus and Vector Control Discipline Group
- Mailing address: No. 44, Xiaohongshan Middle District, Wuchang District, Wuhan City
- Tel: 87198120

Research direction:

Epidemiological survey and rapid detection of medical insect-borne viruses (mosquito-borne and tick-borne), antiviral drug screening, molecular evolution of viruses, interaction between viruses and vector hosts, etc. and laboratory biosafety

https://whio.v.cas.cn/sourcedb/zw/rck/201609/t20160918_4663812.html

Publications:

<https://loop.frontiersin.org/people/1171091/network>

Xianen Zhang (WIV and Institute of Biophysics, Chinese Academy of Sciences) 张先恩

Xianen Zhang



Email: zhangxe@ibp.ac.cn

Email 2: x.zhang@wh.iov.cn

- Fax: 027-87199492

Deputy Director of WIV Spring 1992 – October 2000

Since 1992, he has served in the leadership positions of the Wuhan Institute of Virology, Wuhan Branch, and the Basic Research Department of the Ministry of Science and Technology. In 2012, he was transferred to the Institute of Biophysics, Chinese Academy of Sciences as a researcher. He is currently the vice president of the Chinese Society for Bioengineering and the co-founding president of the Nanobiotechnology/Biosensor/Biochip Branch of the Asian Association for Biotechnology

(AFOB). He is an editorial board member or consultant for 8 academic journals, including Biosensors & Bioelectronics and Science China-Life Science.

Research direction:

- Biosensing, nanobiology and cell molecular imaging

https://whiov.cas.cn/sourcedb/zw/rck/201211/t20121102_3676827.html

Project 5 Leader: Strategic Priority Research Program of the Chinese Academy of Sciences:

"Pathogen Host Adaptation and Immune Intervention"

The Chinese Academy of Sciences Strategic Priority Research Program B

"Pathogen Host Adaptation and Immune Intervention" (hereinafter referred to as the "Project")

has been approved and is about to enter the implementation stage (2018-2022).

<https://archive.is/mEFc0>

Peng Zhou (WIV) 周鹏



Email: peng.zhou@wh.iov.cn

Mailing address: No. 44, Xiaohongshan Middle District, Wuhan, Hubei Province

Postal code: 430071

Born in June 1983, from Xixia, Henan Province, PhD;

Bachelor of Bioengineering from Henan University in 2004;

Doctor of Microbiology from Wuhan Institute of Virology, Chinese Academy of Sciences in 2010;

2009.9-2010.9, National Joint Doctoral Student of Australian Animal Health Laboratory; 2011.7-2014.7, Postdoctoral Fellow at Australian Animal Health Laboratory (Geelong)

<https://au.linkedin.com/in/peng-zhou-ab481675>

EXCLUSIVE

Chinese scientists linked to virus probe worked in Australia

Chinese scientist Peng Zhou, who studied but visited while in Australia.

BAT MAN

SHARRI MARKSON
TWO Chinese scientists — who Western intelligence agencies are looking into as part of their probe into the origins of the virus — were funded by the Australian and Chinese governments. An investigation by The Daily Telegraph can reveal the Five Eyes intelligence agencies of Australia, Canada, the United Kingdom, New Zealand and the United States of America, as they examine whether COVID-19 originated from a wet market or whether the outbreak could be traced back to a bat.

Victorian Senator James Paterson said he expects there will be an independent international investigation. "The only question is whether the Chinese Communist Party co-operates with it or not," he said. "There is no valid reason why they shouldn't. But if they don't, they will be harshly judged for it by the entire international community."

PLUS ONLINE ACCESS FOR \$1 A DAY P51

Tax-payer funded advice P4

Corona fine & weapons query SPORT

<https://www.senatorpaterson.com.au/news/chinese-scientists-linked-to-virus-probe-worked-in-australia>

2016-02~Present, Wuhan Institute of Virology, Chinese Academy of Sciences, Researcher

2014-08~2016-02, Duke-Nus Medical School, Singapore, Postdoctoral

2011-07~2014-06, Australian Animal Health Laboratory, Postdoctoral

2010-12~2011-07, Wuhan Institute of Virology, Chinese Academy of Sciences, Assistant Researcher

field of study

Bat immunity; virus-host interaction; pathogen discovery

Research Projects

(1) Study on interferon response of bat cells infected with SARS-like coronavirus, Host, National level, 2018-01--2021-12

(2) New pathogen detection technology for responding to SARS or MERS-like emerging infectious diseases, Host, National level, 2017-01--2019-12

(3) Bat virology, Host, National level, 2019-01--2021-12

(4) Study on virome of potential epidemic sources, Host, National level, 2018-01--2020-12

(5) Study on the mechanism of natural host antiviral and cross-species infection of emerging pathogens, Host, Ministry level, 2018-07--2023-06

(6) Comparative study on pathogenicity of representative epidemic strains of 2019-nCoV in bats and humans, Host, National level, 2020-03--2022-02

Publications:

<https://people.ucas.ac.cn/~0043888>

PI Introduction:

Dr. Zhou Peng, a researcher at the Wuhan Institute of Virology, Chinese Academy of Sciences, is the leader of the bat virus infection and immunity research group. He received his doctorate from the Wuhan Institute of Virology in 2010, and later worked in Australia and Singapore on bat virus and immunology research. In 2009, he took the lead in the world in starting the study of the immune mechanism of bats carrying and spreading viruses for a long time. So far, he has published more than 30 SCI articles, including Nature, Cell Host Microbe and PNAS as the first and corresponding author. He is currently continuing to carry out bat virus and immunology research, and has received support from the National "Excellent Youth" Fund, the Chinese Academy of Sciences Pioneer Project, and the Ministry of Science and Technology Major Project.

The main research directions of the research group:

Bats are used as research subjects to answer the molecular mechanism of their long-term coexistence with Ebola and SARS-related coronaviruses without becoming ill, as well as their relationship with flight and longevity. Virology, immunology, cell biology and multiple omics methods are used to compare their differences from humans and other mammals.

https://whiov.cas.cn/zp/202004/t20200415_5545898.html

DARPA DEFUSE proposal

Meeting with\ Gimlett at DARPA, Peter Daszak, Shi Zhengli and Peng Zhao (WIV).

Peter and Zhengli gave a talk: 'SARS, MERS and the risk of novel viral emergence from bats' accessible here ('Peter Daszak Zhengli Shi NIAID June 2017.pdf' NEW ELEMENT. (See DoD.pdf, p. 31-71.)

“Good to meet you both today.

Attached is a pdf of the talk Zhengli and I will be giving at NIAID tomorrow. Hope to see you there, and please don't hesitate to get in touch with any follow up questions, or if you need references or further discussion....”

<https://usrtk.org/wp-content/uploads/2024/01/Were-proposing-for-4-people-to-visit-NIAID.png>

<https://usrtk.org/covid-19-origins/daszak-shi-visits-nih-fauci/>

Xiangguo Qiu (Chinese Spy in Canada) 邱香果



Xiangguo Qiu (Chinese: 邱香果), aka Sandra Chiu,

Cell Phone: 86-13955131838;

Email: qiux@ustc.edu.cn

Chinese Canadian virologist and spy who shipped viruses to the Wuhan Institute of Virology.



The Commission Award is the highest of four awards given annually by the Ernest Manning Foundation to recognize innovators who commercialize scientific and technological achievements to improve the lives of people in Canada and around the world.

In 1980 , Dr. Qiu Xiangguo was admitted to Hebei Medical College (the predecessor of Hebei Medical University) at the age of 16, and started her medical career. In the past five years, Dr. Qiu worked diligently and studied hard, laying a solid foundation for her future medical career. In 1985, Dr. Qiu graduated from Hebei Medical College with excellent results. After more than 30 years of unremitting efforts, she has achieved fruitful results in the academic field she is engaged in. She currently works at the National Microbiology Laboratory of the Public Health Agency of Canada, is the director of the Vaccine Development and Antiviral Therapy Laboratory, and is a lifelong researcher. She is also an adjunct professor and doctoral supervisor at the Department of Microbiology at the University of Manitoba.

Professor Qiu Xiangguo

Lao Zhangxy67896789 2021-08-17 | 308 views | 1 favorite

☆ Transfer full screen Read aloud share

Hebei Medical University**Postgraduate Entrance Examination Website/2018-04-26

On the afternoon of April 23, our school held a special lecture by Professor Qiu Xiangguo titled "Tracing the Footprints of Successful Alumni" in the lecture hall on the second floor of the West Teaching Building. Ni Tiejun, deputy secretary of the school party committee, attended and presided over the lecture. Nearly 400 people including relevant department heads, teachers and students listened to the lecture.



Sandra Chiu AKA Qiu Xiangguo

Sandra Chiu is on the editorial board of Virologica Sinica where Shi Zhengli is Editor-in-Chief; George Gao and Wang Linfa are both on the advisory board.

Sandra Chiu's email address is qiuX@ustc.edu.cn on research papers.

Sandra Chiu has published at least 17 papers since 2022 according to a search on NIH's PubMed... Qiu has been very busy!

The paper linking Xiangguo Qiu with two Chinese universities.

<https://www.virosin.org/cn/article/doi/10.1016/j.virs.2023.06.004>

<https://virosin.org/news/EditorialBoard.htm>

<https://nature.com/articles/s41392-022-01135-3>

<https://pubmed.ncbi.nlm.nih.gov/35635970/>

<https://hebtu.edu.cn/a/2023/03/31/DBB371606E4641FE93DE9839A048E9C8.html>

Cell phone number is usually connected with wechat in China.

It may be interesting to ask someone with wechat account to test whether she is using her real name at WeChat by searching with the phone number 13955131838.

qiux@ustc.edu.cn is connected with universities related to University of Science and Technology of China and Hebei Medical University while public information indicated Xiangguo Qiu are connected with both universities. "qiux" may be interpreted as Qiu Xiangguo, the transliteration of Chinese name.

Canadian citizens + CN spies Qiu Xiangguo (邱香果) and Cheng Keding (成克定) have been using pseudonyms — Sandra Chiu and Kaiting Cheng (程凯汀) respectively —

as they build a new life in China. The two former Winnipeg scientists have begun to work and publish — even in Nature — under their new names (can you publish in Nature under pseudonyms?), conducting research at prestigious institutions in China and alongside some of the country's most noted scientists.

At CN University of Science & Technology, an institution with close ties to the PLA, Sandra Chiu uses qiux@ustc.edu.cn as her e-mail address — this can be seen in research papers she's published with other collaborators.

On the other hand, a one-paragraph biography of Qiu becomes a biography of Sandra Chiu, with no change to the wording, at Virologica Sinica, a scientific journal where she's on the editorial board and — surprise — WIV bat woman Shi Zhengli is Editor-in-Chief.

In 2021 and 2022, Keding Cheng is identified in corporate social-media posts as a top immunology scientist with KingMed Diagnostics (金域医学), which calls itself China's leading independent clinical testing laboratory.

Photos posted to WeChat show Cheng wearing square-framed black rim glasses, as he once did in a photo from his days in Winnipeg.

In a 2022 paper published in English, however, he is identified as Kaiting Cheng using chengkeding@kingmed.com.cn as his KingMed e-mail address.

A 2023 report posted by Hebei Normal University identifies "Kaiting Cheng" (程凯汀) as an expert in immunology at KingMed who is also a professor at Guangzhou Medical University.

The Chinese character for "Cheng" in "Kaiting Cheng" is 程 whereas Cheng in "Keding Cheng" is 成, although they are pronounced in the same way

Cheng Keding now has a different last name!

Qiu appears to be preparing to publish a book on Ebola with funding from the CN government, according to an Oct 16 announcement from China's Ministry of Science and Technology.

It said her book, Introduction to Ebola Virus Disease and its Prevention and Control, will be published by Huazhong University of Science and Technology Press (HUST Press).

It operates at the Huazhong University, which, according to the Australian Strategic Policy Institute think tank's defence university tracker, is designated "very high risk"

for its “high number of defence laboratories and close links to China’s defence industry.”

<https://theglobeandmail.com/politics/article-fired-winnipeg-scientists-china/>

Xiangguo Qiu (邱香果) is in China now and has been conducting research with CN military scientists and other virology researchers, including those at the Wuhan Institute of Virology, on antibodies for coronavirus and the deadly Ebola and Nipah viruses. Her biologist husband, Keding Cheng, is believed to be with her in China.

Qiu would be of high value to China.

“It’s very likely that she received quite preferential treatment in China on the basis that she’s proven herself. She’s done a very good job for the government of China.

She’s promoted their interests abroad. She’s returned information that is credibly useful to China and to its ongoing research.”

Documents show that Qiu is most closely aligned with the University of Science and Technology of China (USTC) in Hefei.

In Mar 2023, a document posted by a Chinese pharmaceutical company listed Qiu as second amongst “major completion personnel” on a project

awarded by the Chinese Preventive Medicine Association for study related to an anti-Ebola virus therapeutic antibody. Most of the other completion personnel were associated with the PLA.

USTC was founded by the Chinese Academy of Sciences and initially established to build up Chinese scientific expertise useful to the military,

which at the time was pursuing technology to build satellites, intercontinental ballistic missiles and atomic bombs. The university has continued to maintain close military ties.

The document says Qiu works for USTC. Jin Tengchuan, the principal investigator at the Laboratory of Structural Immunology at USTC, lists her as a co-inventor on a patent.

Property records show Qiu and Cheng co-own two houses in Winnipeg’s South Pointe neighbourhood, a wealthy suburban area surrounded by parks and interconnecting creeks,

about a 30-minute drive from the city’s downtown. They also own an undeveloped property in cottage country in Gimli, Man. They are listed as co-owners as of a title search March 6.

Their sons had been living in the larger of the two homes, while they rented the other house in Winnipeg. But next-door neighbours, who are hesitant to speak to the media or provide their names, say they have not seen the sons there since at least December.

Security cameras are spread across the principal residence, a three-floor house valued at over \$1.2 million.

A few streets away, at Qiu and Cheng’s other house in the area, valued at \$524,000, the tenants — a middle-aged couple, who would not provide their names —

said they do not know the whereabouts of their landlords.

The tenants said they pay their monthly rent by e-transfer to the landlords. But when asked for the landlords' contact information, they would not provide those details.

The tenants said they have not messaged or heard from Qiu and Cheng. They said the scientists' son lives in the area, though would not say when they last spoke with him.

https://theglobeandmail.com/politics/article-infectious-disease-scientist-fired-from-winnipeg-laboratory-surfaces/?utm_medium=Referrer:+Social+Network+Media&utm_campaign=Shared+Web+Article+Links

While working for Canada and surreptitiously transferring lethal virus samples to China, Qiu Xiangguo (邱香果) was enlisted to lead Wuhan Institute of Virology's

synthetic bat filovirus project with the institute's Vice-Director, a senior CN scientist that worked in 2015 on a controversial US "hybrid version of a bat coronavirus" —

Qiu was most likely working directly with CN Shi Zhengli at the WIV.

https://thebureau.news/p/breaking-canadian-spy-suspect-qiu?utm_campaign=post&utm_medium=web

Canadian spy suspect Qiu led WIV's "synthetic bat filovirus" project with Wuhan Institute's Vice-Director Yuan Zhiming.

https://thebureau.news/p/breaking-canadian-spy-suspect-qiu?utm_campaign=post&utm_medium=web

Xiaojing Jiang (PLA) 江晓静



Email: xjjiang2003@126.com

Department of Infectious Diseases, General Hospital of Central Theater Command of PLA, Wuhan, 430070, Hubei, China

And

Graduate School, Southern Medical University, 1023 Shatai Nan Road, Guangzhou, 510515, China.

Department of Infectious Diseases, Wuhan General Hospital, 627 Wuluo Road, Wuhan, 430070, China

Chief Physician of PLA General Hospital of Central Theater Command commended by Xi Jinping in 2020,

Her cap badge indicates that PLA General Hospital of Central Theater Command belonged to PLA Joint Logistics Support Force



<https://x.com/CPAJim2021/status/1820946476576784653>

Publications:

A preliminary study on serological assay for severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) in 238 admitted hospital patients (2020)

<https://colab.ws/articles/10.1016%2Fj.micinf.2020.05.008>

Xiao Li PLA AMS) (李霄),



Email: skylee6226@163.com

Email 2: lixiao06@mails.jlu.edu.cn

Li Xiao, Associate Researcher, Military Medical College, Academy of Military Sciences

Changchun Veterinary Research Institute, Chinese Academy of Agricultural Sciences, Changchun, China

Key Laboratory of Genetic Engineering of PLA, Academy of Military Medical Sciences, Changchun 130062, China

Some allegations:

<https://x.com/devonJ32130301/status/1403253413316464644>

Research with Ningyi Jin:

Construction of recombinant fowl poxvirus harboring HN gene of newcastle disease virus and its anti-tumor effect

<https://www.biother.cn/zgzlswlzz/article/abstract/20060208?st=search>

Deletion of multiple genes induces virulence reduction of vaccinia virus Tiantan strain

<https://pubmed.ncbi.nlm.nih.gov/31707001/>

Characterization of Human Immortalized Keratinocyte Cells Infected by Monkeypox Virus

<https://www.mdpi.com/1999-4915/16/8/1206>

Xiao Xiao 肖霄

NO PHOTO

Email: xiaoalltheway@gmail.com.

1. Key Laboratory of Southwest China Wildlife Resources Conservation (Ministry of Education), China West Normal University, Nanchong, 637009, People's Republic of China
2. Lab Animal Research Center, Hubei University of Chinese Medicine, Huangjiahuxi Road No. 1, Wuhan 430030, Hubei Province of China. Wuhan, People's Republic of China
3. School of Health Sciences, and State Key Laboratory of Virology, Wuhan University, Donghu Road No. 115, Wuhan 430071, Hubei Province of China.

News Report:

<https://www.dailymail.co.uk/health/article-9902741/New-study-finds-animals-known-infected-coronaviruses-sold-Wuhan-wet-market-years.html>

Animal sales from Wuhan wet markets immediately prior to the COVID-19 pandemic (2021)

<https://www.nature.com/articles/s41598-021-91470-2>

First record of Leptospira and Blastocystis infections in captive flying squirrels (*Trogopterus xanthipes*) from Enshi County, China

<https://pubmed.ncbi.nlm.nih.gov/31220434/>

Leptospira in Bats from Hubei Province, China, 2018

<https://pubmed.ncbi.nlm.nih.gov/31009304/>

Detection of *Leptospira interrogans* in Hedgehogs from Central China

<https://pmc.ncbi.nlm.nih.gov/articles/PMC7249457/>

Publications:

<https://www.researchgate.net/scientific-contributions/Xiao-Xiao-2161017450>

Xinwen Chen (WIV) 陈新文



- Email: chenxw@wh.iov.cn
 - Department:
 - Mailing address: No. 44, Xiaohongshan Middle District, Wuchang, Wuhan City, Hubei Province
- Tel.: +862787199106
Tel 2: + 862787197575

Dr. Xinwen Chen received his PhD Degree in Virology from Wageningen University (Netherlands)

He completed further scientific training at University of California (Berkeley, USA) as a visiting scholar.

Dr. Chen "currently" (2008-2018) serves as the Director of Wuhan Institute of Virology, although elsewhere it states that he served from 2008 To 2018 as Deputy Director of the WIV.

He has set up a international cooperation network with the scientists from Germany, Netherlands, USA and Egypt.

. Ongoing projects included the National Basic Research Program (973 Program) and National Science Foundation of China.

Chen Xinwen's subject group:

1 special research assistant (assistant researcher) and 1 laboratory technician

Job Responsibilities:

To conduct research on virus-host interactions: infection, replication and pathogenic molecular mechanisms of novel coronavirus, tick-borne encephalitis virus, etc.; formation and regulation of hepatitis B virus cccDNA,

http://www.whiov.cas.cn/zp/202306/t20230620_6783829.html

Research direction:

Molecular virology, microbiology (hepatitis viruses, baculoviruses, animal models)

He served as the director of the Wuhan Institute of Virology, Chinese Academy of Sciences from 2008 to 2018.

He received a bachelor's degree in biology from Central China Normal University, a postgraduate degree from Henan University of Technology, and a PhD from the Department of Virology at Wageningen University in the Netherlands.

During his work and study, he went to the Netherlands, the United States, Germany and other countries for cooperative research many times.

He mainly conducts research on molecular epidemiology, molecular biology, drug resistance mechanisms, and virus-host (cell) interactions for important viral diseases that endanger human health, such as hepatitis B and hepatitis C , to reveal the molecular mechanism of viral pathogenicity, develop genetic engineering vaccines, and explore new diagnostic and treatment methods (gene therapy)..

. Currently, he is in charge of many ongoing research projects, including the National Major Scientific Research Program (Chief), the National Natural Science Foundation, "973" , the Institute's Innovation Project Directional Project, and provincial and municipal projects.

https://whiov.cas.cn/sourcedb/zw/rck/200907/t20090718_2100082.html

Xiong Jin (WIV) 熊进



Email: xiongjin@wh.iov.cn

Center for Biosafety Mega-Science, Wuhan Institute of Virology, Chinese Academy of Sciences,



http://www.whiovcas.cn/zt_160288/dqpyzyx/zdblydyxf/202005/t20200528_5599826.html

Head of security at WIV P2 Lab conducting experimental operations in P3 laboratory

"Fighting Fortress & Party Member"

"Pioneer" experimenter at Diagnostic Microbiology Discipline Group of WIV

Party member for 10 years with responsibility of managing the P2 laboratory in Zhengdian Park.

He manages equipment & personnel and handles "personnel entry & exit" for the P2 lab:

1. Keep the "safety gate"; for the experimental waste
2. principle of separate collection & storage

3. centralized treatment

4. supervises sterilization of infectious waste materials

5. Ensures biological safety gate

Xiong Jin guards the "3 barriers" of P2 lab, controlling ordering of reagents & consumables needed for experiments

His "comprehensive & meticulous management guarantees normal operation of P2 lab

"Our laboratory is very safe, in fact everyone need not worry," LOL

http://whiov.ac.cn/zhuanti/dqpyzyx/zdblydyxf/202004/t20200424_5562231.html

https://whb.cas.cn/xw/ddjs/202004/t20200424_5562236.html

Publicatiions:

<https://www.researchgate.net/profile/Jin-Xiong-8>

Application of a Biosafety Scoring System to Personnel Management in High-Level Biosafety Laboratories (2023)

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4439648

Infection with Novel Coronavirus (SARS-CoV-2) Causes Pneumonia in the Rhesus Macaques

- February 2020

DOI:10.21203/rs.2.25200/v1

<https://www.researchsquare.com/article/rs-15756/v1>

Patents:

<https://patents.google.com/patent/CN111154779A/en>

CHECK YANG LI

Yan Feihu (AMMS)



Email: yanfeihu62041@126.com.

Academy of Military Sciences - Institute of Military Veterinary Medicine Changchun 130122, China
(works with Wu Chun Cao)

Key Laboratory of Jilin Province for Zoonosis Prevention and Control, Institute of Military Veterinary,
Academy of Military Medical Sciences, Changchun, China

Jilin University, Changchun, China

<https://loop.frontiersin.org/people/857290/overview>

One of the redacted students is Feihu Yan of Military Veterinary, Academy of Military Medical Sciences, Changchun, China.

Dr. Qiu could not have authorized security clearances for any of her Chinese students. According to the unnamed scientist, NML management would have to approve the clearances and “they have a lot of problems they are trying to cover up.” One of those problems involves Chinese graduate student Feihu Yan. According to the CBC report, “publications authored by Qiu and Yan going back to at least 2016 list Yan’s connection to the Academy of Military Medical Sciences, an arm of the People’s Liberation Army (PLA).”

In his January 2020 paper, “China and Viruses: The Case of Dr. Xiangguo Qiu,” Shoham notes that Qiu maintained a close bond with China and the students that joined her at the NML came from four facilities believed to be involved in Chinese biological weapons development: the Institute of Military Veterinary, Academy of Military Medical Sciences, in Changchun; the Center for Disease Control and Prevention, Chengdu Military Region; the Wuhan Institute of Virology, Chinese Academy of Sciences, in Hubei; and the Institute of Microbiology, Chinese Academy of Sciences, in Beijing.

“All four facilities collaborated with Qiu on her Ebola research,” Shoham explains, and Chinese interest in Ebola, Nipah, Marburg, and Rift Valley fever “might possibly be beyond scientific and medical needs.” Since only the Nipah virus is naturally found in China, “the interface between Qiu and China is a priori highly suspicious.” Shoham also wondered what other shipments of viruses or other items might have been made to China between 2006 and 2018.

<https://www.eurasiareview.com/15072021-covering-for-dr-xiangguo-qiu-nothing-to-steal-from-canadas-national-microbiology-lab-oped/>

China and Viruses: The Case of Dr. Xiangguo Qiu

<https://besacenter.org/china-biological-warfare/>

<https://independent.org/news/article.asp?id=13660>

Not hard to prove if you look at the publication list.

https://scholar.google.ca/scholar?q=Feihu+Yan+Xiangguo+Qiu&hl=en&as_sdt=0&as_vis=1&oi=scholar

<https://x.com/Engineer2The/status/1763352318119137614>

research:

Nucleic acid visualization assay for Middle East Respiratory Syndrome Coronavirus (MERS-CoV) by targeting the UpE and N gene (2021)

<https://journals.plos.org/plosntds/article/authors?id=10.1371/journal.pntd.0009227>

<https://sciprofiles.com/profile/755067>

https://openurl.ebsco.com/results?sid=ebsco:ocu:record&bquery=AU+Yan,%20Feihu&link_origin=www.google.com&searchDescription=Yan,%20Feihu

Yang Li (ex-WIV, now at Pittsburgh)?



CHECK CAREFULLY PLEASE as THERE IS CONFUSING INFORMATION FOR THIS PERSON

Wuhan Institute Of Virology · Department of Molecular Virology

Liheng Yang, PhD?

“Dr Li Yang is a research assistant at the Institute of Pathogen Biology in Beijing. Her research interest is virus discovery.”

2011 Paper:

Ministry of Health Key Laboratory of Systems Biology of Pathogens, Beijing, China (L. Yang, Z. Wu, X. Ren, F. Yang, J. Dong, L. Sun, Y. Zhu, J. Du, Q. Jin);

2Institute of Pathogen Biology, Beijing (L. Yang, Z. Wu, X. Ren, F. Yang, J. Dong, L. Sun, Y. Zhu, J. Du, Q. Jin);

Novel SARS-like Betacoronaviruses in Bats, China, 2011

<https://pmc.ncbi.nlm.nih.gov/articles/PMC3713832/>

Liheng Yang grew up in a northern county in China.

He received his PhD degree in Biochemistry and Molecular Biology from Wuhan Institute of Virology, Chinese Academy of Sciences in China in 2016, then moved on to perform postdoctoral studies in Molecular and Cellular Cancer Biology Program, UPMC Hillman Cancer Center. Now he is working as an interantioal postdoctoral fellow in Dr. Coyne's lab.

His current research interests are primarily focused on the mechanisms used by Enetrovuruses to breach the gastrointestinal (GI) epithelium by utilizing human and mouse GI epithelium-derived enteroids ex vivo model.

He is also highly interested in developing various organs' adult stem cell derived organoids model, which can be employed as disease model including the virus infection model.

Education & Training

BS, Henan University of Science and Technology, 2008

MS, Gansu Agricultural University, 2011

PhD, Wuhan Institute of Virology, 2016

<https://www.pediatrics.pitt.edu/people/liheng-yang-phd>

Publications:

<https://www.pediatrics.pitt.edu/people/liheng-yang-phd>

Doctor of Public Health

PhD Student at Wuhan Institute Of Virology



<https://www.researchgate.net/profile/Yang-Li-828>

<https://www.researchgate.net/profile/Yang-Li-429>

- PhD
- No1 West Beichen Road, Chaoyang District, Beijing, 100101, China at Institute of Genetics and Developmental Biology, Chinese Academy of Sciences

<https://www.researchgate.net/profile/Yang-Li-218>

Biography

Dr. Li is currently a professor at Institute of Zoology, Chinese Academy of Sciences (CAS), China. Dr. Li's research interest focuses on RNA viruses and the basic aspects of RNA virology, including virus and host interaction, cell-mediated immune response, and virus interaction with RNA interference

(RNAi)-directed antiviral innate immunity. His research is primarily dedicated to investigating the role and mechanism of antiviral RNA interference in animals.

Institute of Zoology, Chinese Academy of Sciences: Beijing, CN

2021 to present | Prof

Employment

Fudan University: Shanghai, Shanghai, CN

2015 to 2021 | Professor (State Key Laboratory of Genetic Engineering, School of Life Sciences)

University of California: Riverside, CA, US

2012 to 2015 | Assistant project scientist (Department of Microbiology & Plant Pathology)

Employment

University of California: Riverside, CA, US

2009 to 2012 | Postdoctoral Fellow (Department of Microbiology & Plant Pathology)

University of Saskatchewan: Saskatoon, Saskatchewan, CA

2006 to 2009 | Postdoctoral Fellow

Employment

Wuhan University: Wuhan, Hubei, CN

2001 to 2006 | Ph.D. (School of Life Sciences)

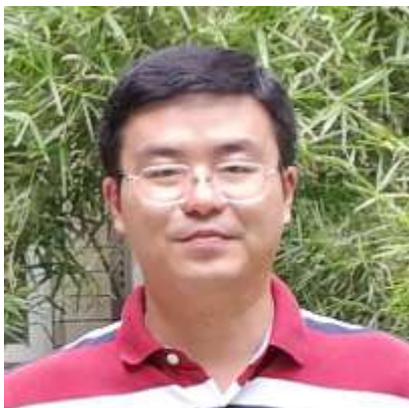
Education

Sichuan University: Chengdu, CN

1997 to 2001 | B.Sc (School of Life Sciences)

<https://orcid.org/0000-0002-6065-4706>

Yang Li



Doctorate

- Professor

Institute of Zoology, Chinese Academy of Sciences (CAS)

Beijing, China

Dr. Li is currently a professor at Institute of Zoology, Chinese Academy of Sciences (CAS), China. Dr. Li's research interest focuses on RNA viruses and the basic aspects of RNA virology, including virus and host interaction, cell-mediated immune response, and virus interaction with RNA interference (RNAi)-directed antiviral innate immunity. His research is primarily dedicated to investigating the role and mechanism of antiviral RNA interference in animals.

Affiliations

Primary

Professor

Institute of Zoology, Chinese Academy of Sciences (CAS)

Beijing, China

<https://loop.frontiersin.org/people/1049219/overview>

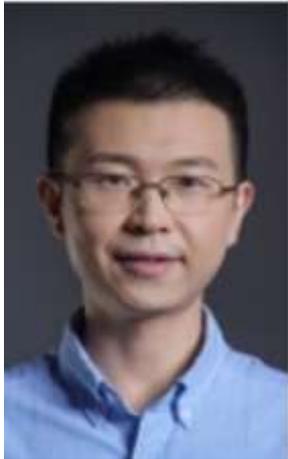


Dr. Yang Li, is a full professor and the lab head of Laboratory of Immunology and Nanomedicine, deputy director of Laboratory of Inflammation and Vaccines (LIV) at the Shenzhen Institute of Advanced Technology, Chinese Academy of Science.

Dr. Li obtained a Master degree in Physiology (molecular biology) in China, followed a PhD degree in Immunology/Nanoscience in Europe (Italian National Research Council and Salzburg University, Austria) with a Marie Curie Fellowship funded by EU FP7 programme. He studied immunology and focused on the activation of innate immunity and inflammatory mechanisms, with particular focus on monocytes and macrophages and IL-1 family cytokines and receptors, upon interaction with nanomaterials/nanomedicines. After his PhD in Europe, he moved to USA for his post-doctoral trainings on nano-immune interactions at the Nanotechnology Innovation Center of the Kansas State University, and on tumor immunology (inflammasome in tumor and PD-1/PD-L1 targeting tumor therapy) at the University of Colorado. He then moved back to China at the Shenzhen Institutes of Advanced Technology, Chinese Academy of Science. There, his research group is focusing on Nano-bio interactions, Nanomedicine, Immunology, Cancer immunology/Cancer therapy.

<https://people.ucas.ac.cn/~yangli.siat?language=en>

Yang Qiu (WIV) 邱洋



Email: yangqiu@wh.iov.cn

- Department: Qiu Yang Discipline Group
- Mailing address: Jinlong Street, Jiangxia District, Wuhan
- Tel: 027-87998729

Discipline group leader researcher. Focuses on RNAi antiviral immunity and virus-induced ferroptosis and pathogenicity.

The main research direction is: research on viral infection and RNAi antiviral immunity.

Research direction:

1. Elucidate the role and molecular mechanism of RNAi in defending against important human viruses;
reveal the mechanism by which RNAi selectively inhibits different types of viruses.
2. Reveal the molecular mechanism of RNAi regulating inflammatory response.
3. Reveal the physiological effects and molecular mechanisms of metabolic remodeling in regulating the RNAi antiviral pathway.
4. Elucidate the role and molecular mechanism of ferroptosis metabolic changes in viral pathogenicity.

https://whiovcas.cn/sourcedb/zw/rck/201801/t20180130_4940168.html

Yansong Sun (AMMS BIME Senior Colonel) 孙岩松



Email: sunys1964@hotmail.com

Found in:

Development and evaluation of a rapid RPA/CRISPR-based detection of *Francisella tularensis* (2022)

<https://www.frontiersin.org/journals/microbiology/articles/10.3389/fmicb.2022.901520/full>

Email 2: sunys@qq.com

Found in:

A highly susceptible hACE2-transgenic mouse model for SARS-CoV-2 research (2024)

<https://www.frontiersin.org/journals/microbiology/articles/10.3389/fmicb.2024.1348405/full>

Director Institute Of Microbiological Epidemiology AMMS (Unit 62035 of PLA)

State Key Laboratory of Pathogen and Biosecurity, Beijing Institute of Microbiology and Epidemiology, Academy of Military Medical Sciences (AMMS), Beijing, China

Publications:

<https://www.researchgate.net/profile/Yansong-Sun-2>

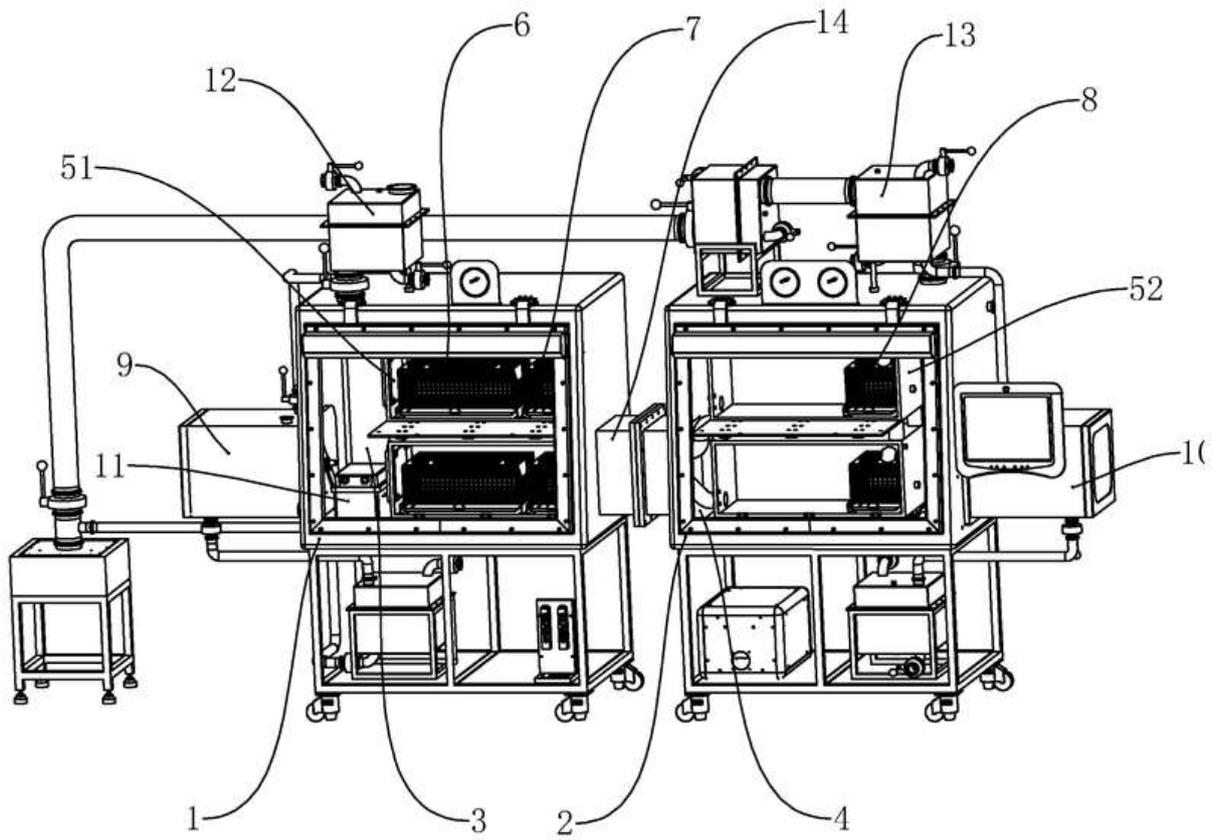
and

<https://www.researchgate.net/scientific-contributions/Yansong-Sun-2221792628>

Patents

Yansong Sun and the Military Medical Sciences Academy (AMMS) applied for some patents, beginning in 2018:

High-level biosafety protection small and medium-sized animal pathogen airborne experimental device (Animal Experiments in Viral Droplets and Aerosol Transmission) (CN209435971U)



<https://www.patentguru.com/CN209435971U>

High-level biosafety protection type medium and large animal pathogen air transmission experimental device (CN209435980U) (2018) which can be used for droplet transmission experiments on large animals, such as monkeys.

<https://www.patentguru.com/CN209435980U>

<https://www.zhangqiaokeyan.com/patent-detail/06120209435421.html>

A gold-platinum double-shell Raman-enhanced nanolabel, preparation method and application in detecting monkeypox virus (CN118425507B)

<https://www.patentguru.com/CN118425507B>

Other Patents from Yansong Sun:

<https://www.patentguru.com/search?q=%22%E5%AD%99%E5%B2%A9%E6%9D%BE%22+++%22%E4%B8%AD%E5%9B%BD%E4%BA%BA%E6%B0%91%E8%A7%A3%E6%94%BE%E5%86%9B%E5%86%9B%E4%BA%8B%E7%A7%91%E5%AD%A6%E9%99%A2%E5%86%9B%E4%BA%8B%E5%8C%BB%E5%AD%A6%E7%A0%94%E7%A9%B6%E9%99%A2%22>

Yanyi Wang (WIV) 王延轶



Email: wangyy@wh.iov.cn

Department: Wang Yanyi's Discipline Group

Mailing address: Jinlong Street, Jiangxia District, Wuhan City, Hubei Province

Tel: 027-87998580

Main research direction is the interaction mechanism between viruses and hosts.

Reported that the low-density lipoprotein receptor (LDLR) is the invasion receptor of the Crimean-Congo hemorrhagic fever virus (CCHFV),

a biosafety level 4 pathogen, solving the problem that the virus receptor has not been identified for decades

Discovered the neuronal cell receptor protocadherin 10 (PCDH10) of the highly pathogenic pathogen Western equine encephalitis virus (WEEV)

Analyzed the important regulatory mechanism of timely initiation and timely termination of the host's antiviral natural immune response

Analyzed the immune escape strategies of viruses such as herpes and SARS-COV-2.

Led projects such as:

National Key R&D Program

973 Program

National Natural Science Foundation Innovation Group

Strategic Priority Research Program of the Chinese Academy of Sciences.

https://whiov.cas.cn/sourcedb/zw/rck/202403/t20240304_7009417.html

Yuelong Shu (IPB CAMS) 舒跃龙



Email: yshu@ipbcams.ac.cn

Executive Director IPB, CAMS

Han nationality, born in March 1970, member of the Communist Party of China, currently Director of the Institute of Pathogenic Biology, Chinese Academy of Medical Sciences, and a tenured professor and researcher at Peking Union Medical College. Member of the Academic Division of the Chinese Academy of Medical Sciences.

Research on cross-species transmission and pathogenic mechanism of animal influenza, molecular evolution of influenza virus, new influenza vaccines and diagnostic methods, etiology of emerging infectious diseases, and epidemiology of infectious diseases.

http://www.cams.ac.cn/rcjs/szdw/zpcpjs/js/js_byswxyjs/850dda1aff4c4cfd84e1f2edda61daa5.htm

Research Projects

1. Innovation Project-Major Collaborative Innovation Project, Research on new broad-spectrum vaccines and biopharmaceuticals based on the common molecular mechanisms of influenza virus and other mutable enveloped viruses, 2022-2025, Project Leader.
2. National Key R&D Program Project: Research on infection and transmission characteristics of respiratory viruses such as new coronavirus, 2021-2024, Project Leader.
3. National Natural Science Foundation Project: Mechanisms of host genetic factors and pre-existing immunity affecting protective immune response of influenza and new coronavirus vaccines, 2021-2022, Project Leader.
4. National Natural Science Foundation Project (China-US International Cooperation): EEID: US-China: Research on the evolutionary diversity and transmission dynamics of avian influenza virus in China based on ecological big data, 2020-2024, Ongoing, Project Leader.
5. National Key R&D Program: Research on the occurrence and dissemination mechanism of important emerging pathogens. 2016.7-2018.12, Completed, Project Leader.
6. National Outstanding Youth Science Fund: Research on influenza pathogen biology. 2016.1-2020.12, completed

, project leader. 7. National Major Infectious Disease Project: Research on Prevention and Control Technology of Human Infection with Novel Influenza. 2014.1-2016.12, completed, project leader.

8. Special Project on Emergency Prevention and Control of Human Infection with H7N9 Avian Influenza: Pathogenesis and Tracing of Human Infection with H7N9 Avian Influenza Virus. 2013.4-2014.4.30, completed, project leader.

9. National Basic Research and Development Program (973 Program): Replication Mechanism of Important Viruses in Different Hosts. 2011.1-2015.8, completed, project leader.

10. 863 Project: Evaluation of Vaccine Seed Strain Construction, Supporting Production and Quality Control System Establishment Based on Influenza Monitoring Network. 2009.12-2012.12, completed, project leader.

11. National Science and Technology Support Program: Evaluation of Cross-Protection Effect of Natural Infection and Vaccination of Seasonal Influenza Vaccine against Influenza A (H1N1) Virus in Chinese People. 2009.05-2010.11, completed, project leader.

12. National Major Project on Infectious Diseases: Establishment and Application of Holographic Model for Infectious Disease Prediction and Warning. 2008.10-2010.12, completed

, project leader. 13. National Science and Technology Support Program: Research on Human-Avian Influenza Blocking Technology. 2006.1-2010.12, completed

, project leader. 14. National Natural Science Foundation Major Project: Research on the Mechanism of Human Infection with Avian Influenza Virus. 2006.1-2008.12,

completed, project leader. 15. National Basic Research and Development Program (973 Program) Project: Research on the Molecular Mechanism and Disease Process of High Pathogenicity of Human-Avian Influenza Virus. 2005.1-2009.12, completed, project leader.

<https://www.ipbcams.ac.cn/index.php/rcdw/19.html>

Yi Gang Tong (Beijing IPB) 童贻刚



Title: Professor

Landline: 010-64451781

Mailbox: tongyigang@mail.buct.edu.cn

Email 2: tong.yigang@gmail.com

Office address: Room 305, Science and Technology

Education background:

1984.9-1988.6, Fudan University, Department of Genetics, Bachelor

1988.9-1991.6, Academy of Military Medical Sciences, Master

1997.9-2000.6, Academy of Military Medical Sciences, Ph.D.

2003.4-2005.4, UBC, Canada, Postdoc (Won the Micheal Smith Award)

Work experience :

1991.7-1997.8 General Hospital of Beijing Military Region

2005.5-2018.5 Beijing Institute of Microbiology and Epidemiology

2018.6-Now College of Life Science and Technology, Beijing University of Chemical Technology,
Dean

Academic title: Professor

The main research areas:

Virology, antivirals, vaccines, bacteriophage, bioinformatics

He is a member of the International Committee for Classification of Viruses (ICTV) in the Bacterial Viruses Subcommittee.

<https://en-life.buct.edu.cn/2020/0411/c2454a123023/page.htm>

Beijing University of Chemical Technology (Beijing Inst Microbiol Epidemiol, UBC)

<https://scholar.google.com/citations?user=V26tx9YAAAAJ&hl=en>

Professor

Department of molecular microbiology

Beijing Institute of Microbiology and Epidemiology

China

Biography

Dr. Yigang Tong graduated from Fudan University and received Postdoctoral training in the University of British Columbia, where he was honored with Michael Smith Award.

He is a member of Chinese Medical Association, as well as Chinese Society of Microbiology.

He is currently a professor in State Key Laboratory of Pathogen and Biosecurity, Beijing Institute of Microbiology and Epidemiology.

Journal of Bioterrorism & Biodefense

https://www.omicsonline.org/editor-profile/Yigang_Tong/

Department of molecular microbiology

Beijing Institute of Microbiology and Epidemiology

China

Presentation Title: Application of NGS and bioinformatics in response of infectious disease outbreaks

Presentation Time: 2017-01-16 09:00 - 10:00 AM

https://www.cs.cityu.edu.hk/~shuaicli/apbc2017/contents/keynote_speakers.html

<https://en-sie.buct.edu.cn/2022/0329/c4214a166780/page.htm>

Education background:

1984.9-1988.6, Fudan University, Department of Genetics, Bachelor

1988.9-1991.6, Academy of Military Medical Sciences, Master

1997.9-2000.6, Academy of Military Medical Sciences, Ph.D.

2003.4-2005.4, UBC, Canada, Postdoc (Won the Micheal Smith Award)

Work experience :

1991.7-1997.8 General Hospital of Beijing Military Region

2005.5-2018.5 Beijing Institute of Microbiology and Epidemiology

2018.6-Now College of Life Science and Technology, Beijing University of Chemical Technology,
Dean

<https://en-life.buct.edu.cn/2020/0411/c2454a123023/page.htm>

AFFILIATION State Key Laboratory of Pathogen and Biosecurity, Beijing Institute of Microbiology and
Epidemiology, Beijing, China

<https://journals.plos.org/plosone/article/authors?id=10.1371/journal.pone.0085806>

Beijing Advanced Innovation Center for Soft Matter Science and Engineering, College of Life Science
and Technology, Beijing University of Chemical Technology, Beijing, China:

<https://pubmed.ncbi.nlm.nih.gov/36803605/>

Name

姓名 Tong,Yigang

童贻刚 Gender

性别 Male

男

College

学院 College of Life Science and Technology

生命科学与技术学院

Highest degree

最高学历 Ph.D.

博士 Professional Title

职称 Professor

教授

Discipline/Major

专业 Biological Engineering; Microbiology

生物工程 ; 微生物学

Research Area/Direction

招生研究方向 Bioinformatics; Medical microbiology; Virology

Office Phone

办公电话 Cell Phone

手机号码

Email

邮箱 tong.yigang@gmail.com

Yu Ping (WIV) 喻萍

TO ADD PHOTO AND EMAIL

Center for Emerging Infectious Diseases, Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan, China

wrote the key thesis on the 9 Mojiang viruses closely related to SARS-CoV-2.

Geographic Evolution of Bat SARS-related Coronaviruses (by Yu Ping, June 2019)

<https://drive.google.com/drive/folders/1cJBYAkjKZX9KbNfHCaeaaMhNDgff1eIg>

Yu Ping's PhD thesis (discovered by @TheSeeker268 and describes working with Ra4991 (RaTG13) *other samples in a 'BSL-2 cabinet'

In fact the whole genome sequencing for Ra4991 (RaTG13) was reported by Yu Ping in June 2019

She studied some virus strains isolated from Tongguan Town, Mojiang, Yunnan in 2012.

This master's thesis mentioned that she actually sequenced the whole genome of four virus strains from Tongguan, Yunnan.

This has not been systematically mentioned in all of Shi Zhengli's articles before.

There is no systematic discussion of the four virus strains and their complete sequences that have been obtained.

This study conducted large-scale detection and analysis of SARS-like coronavirus in bat samples collected from twenty regions in China from 2011 to 2016." A total of 9261 samples were collected (2815 from Yunnan), and 170 SARS-like coronavirus were detected (92 from Yunnan).

In this study they sequenced the whole genome of Ra4991, and three other SARS-like coronaviruses.

The study confirms, for the first time, that the 7896-clade from the mojiang mine were sequenced way before the covid outbreak. And more than just the RdRp fragment: i.e. the Spike of 7896; ORF8 of 7896, 7909 & 7952; and the RBD+NTD of 7905, 7909, 7924 & 7931.

Geographic Evolution of Bat SARS-related Coronaviruses

**A thesis submitted to
University of Chinese Academy of Sciences
in partial fulfillment of the requirement
for the degree of
Master of Natural Science
in Biochemistry and Molecular Biology**

**By
Yu Ping**

**Supervisor : Professor Cui Jie
Professor Shi Zheng-Li**

Wuhan Institute of Virology Chinese Academy of Sciences

Abstract

Bats are natural reservoirs for many emerging viruses, including many zoonotic viruses. In 2002, the severe acute respiratory syndrome coronavirus (SARS-CoV) broke out in Guangdong caused serious harm to human. The discovery of SARS-related coronavirus (SARSr-CoV) in bats demonstrated that bats are likely to be natural hosts for human SARS-CoV. Scientists also discovered several SARSr-CoVs that can utilize the human receptor ACE2 and serological evidence of human infection, indicating that these coronaviruses have potential spillovers to humans in the future. Therefore, it is necessary to continue to monitor the bat SARSr-CoVs.

Since 2005, genetically diverse SARSr-CoVs have been found in different provinces of China and in bats in Europe, Africa and Thailand, but their diversity, evolution and spread have not been fully analysed. Non-Chinese countries analyze SARSr-CoVs mostly based on partial sequences for coronavirus detection, and the phylogenetic tree constructed showed that the SARSr-CoVs from China is closer to the human SARS-CoV than other countries. To further reveal the evolution and spread of SARSr-CoVs and their relationship with human SARS-CoV, this study conducted large-scale detection and analysis of bat SARSr-CoVs collected in twenty regions of China between 2011 and 2016. In this study, we amplified the full-length sequences of the RdRp, S and ORF8 genes for evolutionary analysis. Phylogenetic analysis showed that the RdRp, S and ORF8 genes of bat SARSr-CoVs closest to human SARS-CoV were from southern lineage (Yunnan, Guangxi, Guizhou, Guangdong and Chongqing), including the first occurrence of SARS-CoV in Guangdong, indicating that the ancestor of human SARS-CoV originated in these southern regions. Sequence analysis of the ORF8 and S genes revealed that the S genes of the human SARS-CoV may originated from the SARSr-CoVs in Yunnan, and the S gene is more geographically restricted than the ORF8 genes. In addition,

3.3 Genomic analysis of SARS-like coronaviruses

Based on the RdRp evolutionary tree, four SARS-like coronaviruses (Ra4991_Yunnan, Rs5725_Yunnan, Rs8561_Guangdong, Rs141456_Guangxi) were selected for viral whole-genome sequencing, taking into account the viral content of the samples, the sampling locations and whether the RBD was missing. The first strain was from the Chinese chrysanthemum-headed bat, and the other three were from the Chinese chrysanthemum-headed bat. The full-length viral genomes were obtained for all three strains except for Rs5725_Yunnan, which had a partial gap in the nucleocapsid.

Yu Ping and Ben Hu and ZLS (2018-2019)

Geographical structure of bat SARS-related coronaviruses

<https://sciencedirect.com/science/article/pii/S156713481830902X?via%3Dihub>

or

<https://ncbi.nlm.nih.gov/pmc/articles/PMC7106260/>

Yun-Jia Ning (WIV) 宁云佳



Professor Wuhan Institute of Virology, Chinese Academy of Sciences (CAS)

Email: nyj@wh.iov.cn

Found here:

<https://journals.plos.org/plospathogens/article/authors?id=10.1371/journal.ppat.1009129>

State Key Laboratory of Virology, Wuhan Institute of Virology, Chinese Academy of Sciences,

Xiaohongshan No. 44, WuChang district, Wuhan city 430071, P.R. China

Research Areas

Virology

virus replication

virus-host interactions

pathogenesis

antiviral drugs/vaccines

Cell biology

JAK-STAT signaling

inflammation

<https://people.ucas.ac.cn/~nyj2020?language=en>

Publications:

<https://loop.frontiersin.org/people/640991/overview>

<https://www.researchgate.net/profile/Yun-Jia-Ning>

<https://scholargps.com/scholars/79691944289952/yun-jia-ning>

<https://sciprofiles.com/profile/1605977>

<https://orcid.org/0000-0001-7738-1524>

Chinese Researchers Reveal an Arms Race between High-pathogenic Bunyavirus and Host Immunity

Date : 20-07-2020

https://english.whiov.cas.cn/Research2016/Research_Progress2016/202007/t20200720_240730.html

Yunzhi Zhang (Yunnan and AMMS Collaboration) 张云智



<https://cn.linkedin.com/in/yunzhi-zhang-83482475>

Email: zhangyunzhi1818@163.com

<https://www.zgggws.com/article/doi/10.11847/zgggws1124867>

Yunnan Provincial Key Laboratory for Zoonosis Control and Prevention, Yunnan Institute of Endemic Diseases Control and Prevention

Institute of Preventive Medicine, School of Public Health, Dali University, Dali, Yunnan 671000, China

<http://www.bmsw.net.cn/CN/10.11853/j.issn.1003.8280.2016.03.024>

<http://www.bmsw.net.cn/CN/10.11853/j.issn.1003.8280.2022.04.012>

Yunzhi Zhang Ph.D., Consultant, Yunnan CDC, China, 2 months/year

Cooperation between Yunzhi Zhang and PLA AMMS on Pathogen Projects.

Mentioned in FOIA Emails:

https://usrtk.org/wp-content/uploads/2023/12/2021-006245-Combined-Records_Redacted-1-235.pdf

[Zhang Yunzhi - Institute of Pharmacology, Dali University & Screening of Pathogen-Resistant Plant Resources in Western Yunnan Province...](#)



August 20, 2021 **Zhang Yunzhi** Zhang Yunzhi, PhD, second-level professor, postgraduate tutor. From 1990 to 2016, he worked in the Yunnan Institute of Endemic Disease Control, engaged in the prevention and treatment of viral diseases, scientific research and teaching. In 2016, he was introduced to **Dali University** through talent introduction and has been working there ever since. From 2002 to 2004, he went to Thailand to participate in...

[Institute of Pharmacology, Dali University](#)

龚正达¹ 吴厚永² 段兴德¹ 冯锡光¹ 张云智¹ 刘泉²

1 (云南省流行病防治研究所, 大理 671000)

2 (军事医学科学院微生物流行病学研究所, 北京 100071)

: 根据云南横断山区代表性的7个山系共9个样区山地蚤类及其宿主动物的垂直分布调查结果,并参考以往的部分调查资料,对所获数据进行统计学处理,应用不同山系样区各垂直带蚤类物种多样性的平均值作为指标,就云南横断山区蚤类物种多样性的地理分布趋势和规律,与宿主动物和重要环境因素的关系等问题进行了分析和探讨。结果显示,蚤类物种多样性的地理分布趋势是由西北→南→东→北呈递减的趋势。与此变化趋势密切相关的重要因素是水湿条件,其次是经度的影响。另外还与蚤类的丰富度、地理环境、垂直带和人们的生产活动等因素有关。研究认为,形成蚤类与宿主动物间多样性地理分布趋势上的差异的主要原因是对环境的适应性不同,其中水湿条件就是很重要的因素之一。研究还发现,横断山蚤类在我国蚤类区系中是多样性最高的地区,它充分地反映了横断山区栖息地异质性对物种数的重要影响,并说明栖息地异质性对物种-面积关系起着重要作用。

: 蚤类,物种多样性,地理分布趋势,重要环境因素,云南横断山区

: Q958

: A

: 1005 - 0094(2001)04 - 0319 - 10

The relationship between the geographical distribution trends of flea species diversity and the important environmental factor in the Hengduan Mountains, Yunnan

GONG Zheng-Da¹, WU Hou Yong², DUAN Xing-De¹, FENG Xi Guang¹, ZHANG Yun-Zhi¹, LIU Quan²

1 *Institute of Epidemiology of Yunnan Province, Dali 671000*

2 *Institute of Microbiology and Epidemiology, Academy of Military Medical Sciences, Beijing 100071*

Publications:

<https://www.researchgate.net/profile/Yunzhi-Zhang-2>

Yuzhang Wu (PLA) 吴玉章



Director Institute of Immunology, China

Yuzhang Wu, Prof. and Director of the Institute of Immunology, PLA, The Army Medical University, Chongqing, China. He is also the director of the National Centre for Immunoprotectants R&D, the National Engineering Lab for Peptide Therapeutics and National Centre for Bioindustry, Chongqing. He got M.D. in the Second Military Medical University, Shanghai, China, in 1984, and Ph.D. in the Third Military Medical University, Chongqing, China, 1993

<https://iuis2019.org/symposium-speaker-yuzhang-wu/>

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<https://europepmc.org/article/pmc/7483049>

yuzhangwu@yahoo.com.cn

<https://journals.plos.org/plosone/article/authors?id=10.1371/journal.pone.0090942>

Biography

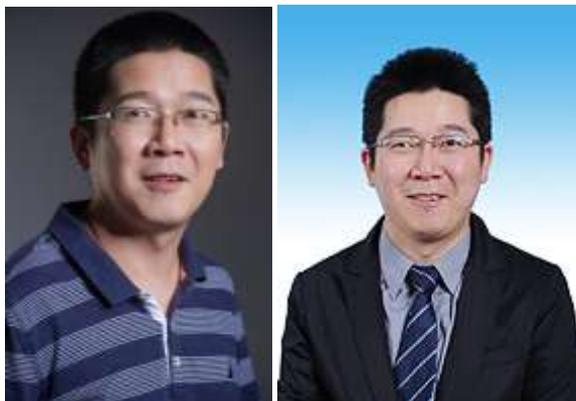
Yuzhang Wu has completed his Ph.D for Immunology at the age of 29 years from Third Military Medical University School of Medicine. He is the director of the Institute of Immunology, PLA, the Chair of National Engineering Lab for Vaccine Development of China and National Center for Immunoprotectants Research and Development of China. He has published more than 150 papers in reputed journals, applied for 75 international and national invention patents, among which 43 has been approved; and has gained 2 item of Computer software copyright. He is serving as chief-editor of Immunological Journal

<https://vaccines.global-summit.com/asia-pacific/speaker/2015/yuzhang-wu-director-institute-of-immunology-china>

Publications:

<https://www.researchgate.net/profile/Yuzhang-Wu-2>

ZHANG Bo (WIV) 张波



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Deputy director of the Center for Pathogen Research.

He received his bachelor's and master's degrees from the Department of Microbiology of Shandong University in 1998 and 2001 respectively,

and his doctorate from the Department of Medical Molecular Biology of the University of Lübeck in Germany in 2005.

From 2006 to 2009, he conducted postdoctoral research at the Wadsworth Center of the New York State Department of Health.

https://whio.v.cas.cn/sourcedb/zw/rck/201004/t20100427_2833071.html

Molecular Biology & Virology at IMMB,

University of Luebeck, Principle Investigator at WIV since 2009.

Interested in replication mechanisms of positive single-stranded RNA viruses, viral pathogenesis, antiviral therapy & vaccine development.

focuses on arthropod-borne flaviviruses (JEV, DENV) & alphavirus (CHIKV).

Uses complete reverse genetic system to study functions of viral proteins during viral infection for ZIKV, JEV, DENV2, CHIKV, YFV, EV71 & CA16

Patents

1. Preparation method and application of the full-length infectious clone of EV71. Patent No: 201110444377.2
2. Preparation method and application of the full-length infectious clone of EV71 with luciferase gene. Patent No: 201110444376.8
3. A JEV infectious clone with luciferase gene, construction method and application. Patent No: 201310441707.1
4. A CA16 infectious clone with eGFP reporter gene, construction method and application. Patent No: 201410077204.5
5. A Cell line of DV2 replicon with double reporter gene and application. Patent No: 201410104868.6
6. A CHIKV infectious clone with a complete capsid deletion and the construction method and application in attenuated vaccine. Patent No: 201811504486.7

7. The construction method and application of replication defective WNV. Patent No: 201910420096.X

8. A rabies virus infectious clone based on alphavirus replicon vector, construction method and application. Patent No: 201910915961.8

Collaboration

Beijing Institute of Microbiology and Epidemiology, Academy of Military Medical Sciences

University of Texas Medical Branch

Tsinghua University

Nankai University

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Zhang Yongzhen (Fudan) 张永振



also known as Yong-Zhen Zhang

Email: zhangyongzhen@fudan.edu.cn

Professor at Fudan University

Zhang has discovered numerous RNA viruses and created a network of labs dedicated to monitoring new viruses.

He led the team that sequenced and published the genome of SARS-CoV-2, the virus that causes COVID-19, in early January 2020.

“Currently, as an adjunct professor, I am working at School of Life Sciences of Fudan University after having to leave the National Institute for Communicable Disease Control and Prevention of China CDC since Oct 2020. My research mainly focuses on virus discovery, genetics, evolution, ecology, and emerging infectious disease.

Publications:

<https://www.researchgate.net/profile/Yong-Zhen-Zhang-2>

<https://www.researchgate.net/lab/Yong-Zhen-Zhang-Lab>

Zhao-Min Zhou (Key Lab southwest China)

NO PHOTO AND CHINESE NAME

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Key Laboratory of Southwest China Wildlife Resources Conservation (Ministry of Education),
China West Normal University, Nanchong, 637009,

Wuhan is the central hub of SARS-like virus research in China and the only place in China where engineering necessary for introducing FCS without an excessive number of highly visible infected animals (will show up as secondary outbreaks all over the trade route and in multiple markets like in SARS1, H7N9, MERS and all previous zoonoses) is available.

Due to the need for regulatory compliance, all samples of pathogenic microbes in Hubei and Wuhan have backup samples stored in their respective CDC-ordered preservation centers. In case of Hubei and Wuhan, the main storage sites are accessed mainly by personnel stationed at the Wuhan CDC, one being the Wuhan CDC itself (which are a major customer for smart biological sample cryopreservation bank systems in China) and another being the Hubei provincial microbial preservation center located closely to the WDCDC sites

The Wuhan CDC stores all of the samples of pathogens studies in Wuhan labs with a human origin and also keep copies of almost all isolates of potential human pathogens, being one of the only 3 legally delegated pathogen storage facilities in Wuhan (CDC of various levels and select state key labs for China).

The CDCs are the primary locations where viral samples from humans are stored, whereas the BioBank facility for the WIV stores mainly animal samples.

Other Labs such as the WHU and the HZAU can only store viral cultures and samples inside the CDCs.

·It is certainly plausible that the mobilization of such a culture inside the Wuhan CDC, when the first alarms of a novel virus emerged from the Huanan-specific WCH EID monitoring program, could lead to the Wuhan CDC “scapegoating” the Huanan market to transfer blame from a possible laboratory leak origin.

·Zhao-min Zhou, who is among the many that visited “wildlife stall A” regularly for sampling and monitoring, not only had a history of bat studying in Kunming—but also had recent contact with pangolins.

Zhaomin-Zhou and Xiao-xiao (WHU) visited the “exact booth” at the Huanan seafood Market in a regular manner.

They were tasked by the CAS to perform the field work part of the “pathogen host adaptation and immune intervention” state project sampling bats from local caves including Yunnan, also pangolins from throughout China.

The corresponding author, Zhao-min Zhou, was a police officer in national Forestry for 6 yrs, in charge of pangolin smuggling investigation, before he joined CWNU. PhD studied bats in Kunming.

Animal sales from Wuhan wet markets immediately prior to the COVID-19 pandemic

Xiao Xiao, Chris Newman, Christina D. Buesching, David W. Macdonald & Zhao-Min Zhou

Scientific Reports volume 11, Article number: 11898 (2021)

Here we document 47,381 individuals from 38 species, including 31 protected species sold between May 2017 and November 2019 in Wuhan’s markets. We note that no pangolins (or bats) were traded, supporting reformed opinion that pangolins were not likely the spillover host at the source of the current coronavirus (COVID-19) pandemic. While we caution against the misattribution of COVID-19’s origins, the wild animals on sale in Wuhan suffered poor welfare and hygiene conditions and we detail a range of other zoonotic infections they can potentially vector. Nevertheless, in a precautionary response to COVID-19, China’s Ministries temporarily banned all wildlife trade on 26th Jan 2020 until the COVID-19 pandemic concludes, and permanently banned eating and trading terrestrial wild (non-livestock) animals for food on 24th Feb 2020. These interventions, intended to protect human health, redress previous trading and enforcement inconsistencies, and will have collateral benefits for global biodiversity conservation and animal welfare.

<https://www.nature.com/articles/s41598-021-91470-2>

Publications:

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Wuhan Institute of Virology, Chinese Academy of Sciences, Wuhan, People’s Republic of China

https://www.researchgate.net/publication/257075049_Construction_and_characterization_of_the_inderdomain_chimeras_using_Cry11Aa_and_Cry11Ba_from_Bacillus_thuringiensis_and_identification_of_a_possible_novel_toxic_chimera

Biosafety Manager (WIV)

<https://cn.linkedin.com/in/dasheng-zheng-2102369a>

Senior Engineer at the NBSL, WIV

<http://english.whioiv.cas.cn/itc/announcements/202104/W020211115516192627339.pdf>

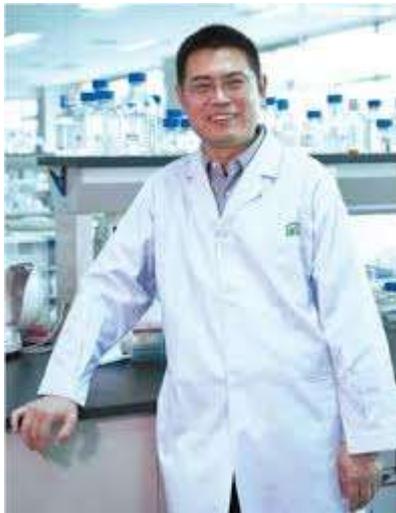
Certified for completing Biocontainment Facilities & Operations Training courses in 2016 at Galveston National Laboratory,

Texas University of Johns Hopkins -Human Herpes-8 University of Sussex -improved GM biological mosquitocides

Publications;

<https://www.researchgate.net/profile/Dasheng-Zheng-2/research>

Zhengdong Zhao (IPB) DEAD? 赵振东



Dead Head Of Dept R And IPB DIED?

Check

Zhenhua Zheng (WIV) 郑振华



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- Department: Zheng Zhenhua Discipline Group
- Mailing address: Jinlong Street, Jiangxia District, Wuhan City, Hubei Province
- Tel: 027-87998891

Professor and Group Leader of the WIV Zoonotic Disease Group

His research direction is the molecular mechanism of viral infection and pathogenicity. He takes important zoonotic viruses as research objects, conducts research on the molecular mechanism of viral replication, infection, transmission and pathogenicity, and designs and develops new vaccines based on this.

https://whiov.cas.cn/sourcedb/zw/rck/201403/t20140317_4053146.html

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Principal Investigator

Systems Virology

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Dr Hu received her Bachelor's degree in Virology from Wuhan University in 1986.

She received her Master's degree from Wuhan Institute of Virology, CAS in 1989, and her Ph.D. in Virology from Wageningen University in 1998.

"Presently" she serves as the deputy director of the State Key Laboratory of Virology.

Dr Hu has published more than 200 papers in academic journals such as Science, Cell Research, PNAS, PLoS Pathogens, Journal of Virology, ACS synthetic biology, etc., including more than 150 SCI source papers, and has obtained perhaps 20 authorized patents.

http://english.whioiv.cas.cn/sourcedb/rck/200907/t20090718_644512.html

Publications:

<https://www.researchgate.net/profile/Zhihong-Hu-5>

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Email 2: zhikaixu@hotmail.com (From here: <https://cdnsiencepub.com/doi/abs/10.1139/W09-012> (2009)

Email 3: zhikaixu06@gmail.com (from: <https://www.sciencedirect.com/science/article/abs/pii/S0166093413000086> (2013)

Email 4: zhikaixu@fmmu.edu.cn (From: <https://www.sciencedirect.com/science/article/abs/pii/S0006291X02024919> (2002)

Recombinant BCG with bacterial signaling molecule c-di-AMP as endogenous adjuvant induces stronger immune responses after Mycobacterium tuberculosis infection Yinlan Bai, Huanhuan Ning, Zhikai Xu Presenter affiliation: Air Force Medical University, Xi'an, China

<https://www.csh-asia.org/upload//ainfectprogram.pdf>

Department of Microbiology, School of Preclinical Medicine, Fourth Military Medical University, Xi'an, China. (2025)

<https://www.liebertpub.com/doi/abs/10.1089/vbz.2024.0069>

<https://pmc.ncbi.nlm.nih.gov/articles/PMC7732440/>

Chairman PLA Council on Microbiology

Director PLA Key Lab of Molecular Virology And Molecular Immunology

Former Director IPB and Immunology of 4th Military Medical University

Department of Microbiology, Fourth Military Medical University, Xi'an, 710032, China (2013)

Publications:

<https://www.researchgate.net/profile/Zhikai-Xu>

<https://www.researchgate.net/scientific-contributions/Zhikai-Xu-80001855>

<https://loop.frontiersin.org/people/699219/publications>

Department of Microbiology, the Fourth Military Medical University, 17 Changle West Road, Xi'an, Shaanxi 710032, PR China (2012)

Identification of a novel B-cell epitope of Hantaan virus glycoprotein recognized by neutralizing 3D8 monoclonal antibody

<https://www.microbiologyresearch.org/content/journal/jgv/10.1099/vir.0.045302-0>

Zihe Rao Tsinghua University (National P4 Lab) 饶子和



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Director of the Academic Committee Of The National P4 Lab Virology

Professor Tsingghua

Zongqiang Cui (WIV) 崔宗强



E-mail: czq@wh.iov.cn

Principal Investigator

Publications

1. Xianxun Sun, Wei Li, Xiaowei Zhang, Mi Qi, Zhiping Zhang, Xian-En Zhang*, and Zongqiang Cui*. In Vivo Targeting and Imaging of Atherosclerosis Using Multifunctional Virus-Like Particles of Simian Virus 40. *Nano Lett*, 16, 6164-6171. (2016)
2. Minghai Chen#, Sanying, Liu#, Wei Li, Zhiping Zhang, Xiaowei Zhang, Xian-En, Zhang*, Zongqiang Cui*. Three-Fragment Fluorescence Complementation Coupled with Photoactivated Localization Microscopy for Nanoscale Imaging of Ternary Complexes. *ACS Nano*, 10 (9), 8482-8490. (2016)

Strategic Priority Research Program of the Chinese Academy of Sciences: "Pathogen Host Adaptation and Immune Intervention"

The Chinese Academy of Sciences Strategic Priority Research Program B "Pathogen Host Adaptation and Immune Intervention" (hereinafter referred to as the "Project") has been approved and is about to enter the implementation stage (2018-2022).

State pathogen collection program Project 5 Leader Cui Zongqiang

Professor & Leader of Nano Biology Group, WIV
2009.12-2010.3 Research Assistant, George Mason
University

Expert on the cross-scientific research on virology
and nanotechnology, observation of key process and
mechanism of virus infestation in real-time, and
development of vaccine and detection methods using
nanotechnology for emerging viruses

Yan Zhu (WIV) (Alleged third sick researcher)



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Born September 1982

CAS Key Laboratory of Special Pathogens, Wuhan Institute of Virology, Center for Biosafety Mega-
Science, Chinese Academy of Sciences;

Discovery of a novel coronavirus associated with the recent pneumonia outbreak in humans and its
potential bat origin (2020)

<https://www.biorxiv.org/content/10.1101/2020.01.22.914952v2>

Antibody-Dependent Enhancement of SARS-CoV-2 Infection of Human Immune Cells: In Vitro
Assessment Provides Insight in COVID-19 Pathogenesis

<https://pdfs.semanticscholar.org/9549/bd97743240fd62c0672810ffc1ace65cde8f.pdf>
Genomic Characterization of Diverse Bat Coronavirus HKU10 in Hipposideros Bat (2021)

<https://pdfs.semanticscholar.org/5327/35d61596266dc8fc718b21ad32ffcdffdb2.pdf>
Characterization of Novel Rhabdoviruses in Chinese Bats (2021)

<https://hal.science/hal-03112841v1/document>
A pneumonia outbreak associated with a new coronavirus of probable bat origin (2000)

<https://pubmed.ncbi.nlm.nih.gov/32015507/>
Fatal swine acute diarrhoea syndrome caused by an HKU2-related coronavirus of bat origin (2018)

<https://www.nature.com/articles/s41586-018-0010-9>
Prevalence of Wēnzhōu virus in small mammals in Yunnan Province, China

<https://journals.plos.org/plosntds/article/authors?id=10.1371/journal.pntd.0007049>
Merbecovirus HKU5 Lineage 2 Discovered in Bats Utilizes Human ACE2 as Cell Receptor

https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4963002
co author on the paper describing the 9 Mojiang viruses:

<https://biorxiv.org/content/10.1101/2021.05.21.445091v1>
https://whiov.cas.cn/zp/202004/t20200415_5545813.html

Publications:

<https://www.researchgate.net/scientific-contributions/Yan-Zhu-2178831548>
<https://openalex.org/works?filter=authorships.author.id%3Aa5103084454>

B. APPENDIX 1 (REMAINING RESEARCHERS TO ADD)

1. Zhiqiang Wu

Overview

Stats

Comments

 Researchers who read this work

Zhiqiang Wu

Doctor of Philosophy · Professor



Institution

Institute of Pathogen Biology, Chinese
Academy of Medical Sciences and Peking
Union Medical College

Skills

Genetics · Bats · Animal Virology + 5 others

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2. Xiaohu Wang

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Xiaohu Wang

PhD



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Lihua Song
Professor at Beijing University of Chemical Technology
Beijing, China

1,308 Research Interest Score
1,804 Citations
18 h-index

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5. Zhiqiang Wu

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Zhiqiang Wu
Doctor of Philosophy · Professor

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Skills
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