Online Information Session organized by the Sydney-Fudan BISA Partnership

Understand China's Regulations on the Management of Human Genetic Resources and the implication for international research collaboration

Date:	Tuesday 28 September 2021
Time:	1:00 PM – 2:30 PM, Shanghai, 3:00 PM – 4:30 PM, Sydney
Zoom meeting ID:	817 1492 9966
Zoom meeting URL:	https://uni-sydney.zoom.us/j/81714929966
Registration:	https://www.eventbrite.com.au/e/170405944768

China is a multi-ethnic country with a large population offering unique human genetic resources that are essential to scientific research. To regulate the collection, preservation, utilization, and external provision of China's human genetic resources (CGHR) the Chinese government released the Regulations on the Management of Human Genetic Resources in 2019. The regulations are applicable to human genetic materials such as organs, tissues, and cells that contain human genomes and genes, as well as human genetic information such as data derived from human genetic resource materials.

For scientific research activities utilizing CHGR, foreign organizations and individuals are required by the regulations to collaborate with Chinese scientific research institutions, higher education institutions, medical institutions, or enterprises and seek approval from China's Ministry of Science and Technology (MOST). Foreign institutions and individuals must not directly collect and preserve Chinese human genetic resources.

- What are the purposes of the regulations?
- What is the scope of China human genetic resources?
- What kind of international collaboration research projects are allowed?
- What are MOST's reporting and filing requirements and procedures?
- What are the practical implications of the regulations for our research collaboration with China?

This information session invites experts from Fudan University to provide insightful interpretation of the regulations and offer an opportunity for academics to seek practical advice on the research collaboration with China in relevant areas.

Speakers

- **Professor Yajun Yang**, Professor of Genetics at School of Life Science, Fudan University, and a Member of MOST CHGR Management Expert Group
- **Dr Ka Li**, Chief of Major Projects Construction, Scientific Research Department and Director of Laboratory Animal Center, Zhongshan Hospital, Fudan University
- **Professor Weiye Wang**, Professor and Associate Director, MOE-Shanghai Key Lab of Children's Environmental Health, Institute of Early Life, Director, Xinhua Biobank, Xinhua Hospital Affiliated to School of Medicine, Shanghai Jiao Tong University

Chair

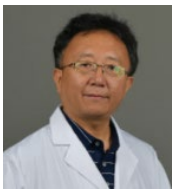
Dr Susan Maastricht, Director, Research Integrity and Ethics Administration, The University of Sydney

Program Schedule

Chair: **Dr Susan Maastricht,** Director, Research Integrity and Ethics Administration, The University of Sydney

Time	Program
1:00pm - 1:05pm Shanghai 3:00pm - 3:05pm Sydney (5 minutes)	**Welcome** • **Dr Susan Maastricht,** Director, Research Integrity and Ethics Administration, The University of Sydney
1:05pm - 1:25pm Shanghai 3:05pm - 3:25pm Sydney (20 minutes)	**Introduction to laws and regulations on the management of Human Genetic Resources in China** • **Dr Ka LI,** Chief of Major Projects, Scientific Research Department and Director of Laboratory Animal Center, Zhongshan Hospital, Fudan University
1:25pm - 1:45pm Shanghai 3:25pm - 3:45pm Sydney (20 minutes)	**China's Human Genetic Resources Information Provision and Open Use** • **Professor Yajun YANG,** School of Life Science, Fudan University, and a member of MOST CHGR Management Expert Group
1:45pm - 2:25pm Shanghai 3:45pm - 4:25pm Sydney (40 minutes)	**Q&A and Discussion** • **Dr Susan Maastricht,** Director, Research Integrity and Ethics Administration, The University of Sydney • **Dr Ka LI,** Chief of Major Projects, Scientific Research Department and Director of Laboratory Animal Center, Zhongshan Hospital, Fudan University • **Professor Yajun Yang,** School of Life Science, Fudan University, and a member of MOST CHGR Administration Expert Group Moderating and bilingual simultaneous interpreting • **Professor Weiye Wang,** Professor and Associate Director, MOE-Shanghai Key Lab of Children's Environmental Health, Institute of Early Life, Director, Xinhua Biobank, Xinhua Hospital Affiliated to School of Medicine, Shanghai Jiao Tong University Supported by • **Dr Chenyu Tim Wang,** Faculty of Medicine and Health, The University of Sydney
2:25pm - 2:30pm Shanghai 4:25pm – 4:30pm Sydney (5 minutes)	**Event concludes** • **Dr Susan Maastricht,** Director, Research Integrity and Ethics Administration, The University of Sydney

Biography of Speakers



Professor Yajun YANG
Member of the Ethics Committee, School of Life Science, Fudan University
Member of CHGR Administration Expert Group

Professor Yang Yajun is a Professor of Genetics and a Member of the Ethics Committee at the School of Life Sciences, Fudan University. He is also a member of the China Human Genetic Resources Administration Expert Group of the Ministry of Science and Technology, a member of the National Technical Committee for Standardization of Biological Samples, and a standing committee member of the Biobank Branch of the China Medical Biotechnology Association.

He has been engaged in the construction of China's environmental epidemiology community population cohort and the investigation of genetic resources of Chinese ethnic minorities and genetic diversity research. He has participated in the construction of a large-scale biological sample bank of the Taizhou cohort and the development of genetic resource sharing platform of Fudan University.

Dr Ka LI
Chief of Major Projects, Scientific Research Department and Director of Laboratory Animal Center, Zhongshan Hospital, Fudan University

Dr Ka LI is Chief of Major Projects Construction at the Scientific Research Department and Director of Laboratory Animal Center at Zhongshan Hospital, Fudan University.

He had been on secondment at the National Human Genetic Resources Management Office of MOST from February 2014 to February 2015 and had participated in the drafting of the Regulations on the Management of Human Genetic Resources in China and the Rules for Implementation of Administrative Licensing of Human Genetic Resources.

Professor Weiye WANG (Charles)
Professor and Associate Director, MOE-Shanghai Key Lab of Children's Environmental Health, Institute of Early Life
Director, Xinhua Biobank, Xinhua Hospital Affiliated to School of Medicine Shanghai Jiao Tong University

Dr Wang is a professor with a focus on understanding the molecular mechanisms underlying developmental disruption of neuroendocrine by endocrine disruptor chemicals in early life. Charles has a keen interest in biobank informatics and data management. Charles has been active in both China and international biobank activities. Charles earned his MD in China and PhD from M D Anderson Cancer Center in USA. Following his postdoctoral training, Charles left Baylor College of Medicine and continued his research at Pfizer. Dr. Wang was recruited specifically to lead a team that conducted disease annotation of rat genome at Wisconsin College of Medicine. After more than 20-year career and living in USA, Charles decided it was time for a change of scenery. He was recruited by his professional skill sets and experience in scientific solutions for biobanking. He has earned his leading role in biobanking science and data management in China. With international collaborative efforts, Charles led a team to complete a study on harmonization of birth cohort data for data sharing. For the past several years, Dr. Wang has started to lecture, for the international students, on legal, ethical issues and regulation for biobank governance, including administrative regulations in human genetic resources of the People's Republic of China.