



中国兽医药品监察所

CHINA INSTITUTE OF VETERINARY DRUG CONTROL

Innovation driven development,
science and technology leading the future



国家/OIE布鲁氏菌病参考实验室

NATIONAL/OIE REFERENCE LABORATORY FOR BRUCELLOSIS

THE SECOND INTERNATIONAL SYMPOSIUM ON BRUCELLOSIS

CALL FOR PAPERS AND LIVE STREAMING GLOBALLY

Experts from some OIE/FAO brucellosis reference laboratories and well-known international and Chinese experts in brucellosis research will be invited to give presentations at this meeting.

Host: The National/OIE Reference Laboratory for Brucellosis, IVDC, China.
Time: October 19-20, 2020

Notice on the Second International Academic Conference on Brucellosis

Dear experts and scholars,

In order to implement the concept of “one world, one health” and promote the global exchange and cooperation on brucellosis diagnosis and prevention and control technology research, the National/OIE Reference Laboratory for Brucellosis, Chinese Institute of Veterinary Drug Control (IVDC), will hold the second International Academic Conference on Brucellosis in Beijing, from October 19 to 20, 2020.

The conference will be an international academic exchange platform where leading experts of brucellosis discuss hot topics, difficulties, and critical technologies to contribute wisdom and experience to the global control and eradication of brucellosis as soon as possible

Main topics

1. The global epidemic trend of brucellosis;
2. The latest research progress of diagnostic techniques for brucellosis;
3. Etiology, virulence study and pathogenic mechanism of brucellosis;
4. Research progress on new vaccines and immunology of brucellosis.
5. Study on genomics and proteomics of brucella.
6. Strategies, difficulties, and challenges of brucellosis prevention and control at home and abroad.

Host

The National/OIE Reference Laboratory for Brucellosis, IVDC, China.

Registration

You can register by scanning the QR code. Registration is free.

The QR code and the website of the venue are as follows:

<https://wx.vzan.com/live/tvchat-1032801015?v=0.7961799172083994>



Schedule of the second International Symposium on Brucellosis

Beijing Time(UTC+8)		Title of Speech	Speaker
2020/10/19	8:25 AM	Opening speech	Jinxiang Li State Chief Veterinary Officer, Ministry of Agriculture and Rural Affairs
	8:30 AM	Speech	Hirofumi Kugita OIE Regional Representative, Asia and the Pacific Region
	8:35 AM	Speech	Ming Li Director General, China Institute of Veterinary Drug Control (IVDC)
	8:40 AM	<u>Discussion on how individual dairy farmers have successfully eliminated brucellosis from their dairy herds</u>	Michael Gilsdorf Doctor, US Department of Agriculture, APHIS
	9:15 AM	Brucella in Asian Badgers and Himalayan Marmots	Hai Jiang Professor, Chinese Center for Disease Control and Prevention
	9:50 AM	<u>Brucellosis status from 2015 to 2019 and challenges in disease elimination in Thailand</u>	Monaya Consultant to the Director General, National Institute of Animal Health (NIAH), Department of Livestock Development (DLI), Thailand
	10:15 AM	Differentiation the Infected Animals from the Vaccinated Cattle and Ovine in the Brucellosis Eradication	Qingmin Wu Professor, China Agricultural University
	10:40 AM	Study on the Prevention and Control of Canine Brucellosis	Liangquan Zhu Professor, National/OIE Reference Laboratory for Brucellosis, IVDC
	11:05 AM	Risk Control of Brucellosis Prevention and Control in Dairy Farms of Different Sizes in China	Hongjun Yang Professor, Shandong Academy of Agricultural Sciences
	11:30 AM	What Should We Select Diagnostic Tests in Eradication of Animal Brucellosis in China	Weixing Shao Professor, China Animal Health and Epidemiology Center
2020/10/19	14:00 PM	Brucella Infection Regulates Thioredoxin-Interacting Protein Expression to Facilitate Intracellular Survival by Reducing the Production of Nitric Oxide and Reactive Oxygen Species	Shengqing Yu Professor, Shanghai Veterinary Research Institute, Chinese Academy of Agricultural Sciences
	14:35 PM	<u>Diagnostic Technology of Animal Brucellosis</u>	Jiabo Ding Professor, National/OIE Reference Laboratory for Brucellosis, IVDC
	15:10 PM	<u>Brucella vaccines, purpose of use and unorthodox solutions</u>	Menachem Director General, Kimron Veterinary Institute, Department of Bacteriology, Israel
	15:45 PM	<u>Brucella, a bacterial genus in expansion: new species, new reservoirs</u>	Claire PONSTART Director General, EU Reference Lab for Brucellosis National & OIE/FAO Animal Brucellosis Reference Lab French Agency for Food, Environmental & Occupational Health Safety (ANSES)
	16:20 PM	Animal Brucellosis Prevention and Control Project in Chongqing – Experience and Outlook	Zheng Zeng Professor/Director, Chongqing Animal Disease Control Center
	16:45 PM	Constructing a Special Reporting System for Brucellosis and Introducing a New Method of Inter-Livestock Immunization	Xinyan Zhang Professor, Chief epidemiologist, Jinzhou CDC, Liaoning Province, China.
	17:10 PM	<u>Occurrences of false-positive serological reactions (FPSRs) in countries free from brucellosis are still a serious diagnostic problem</u>	Dr. Dénes Béla Deputy Director General, Veterinary Diagnostic Directorate of the National Food Chain Safety Office, Hungary
	17:35 PM	Pasture Management and the Prevention and Control of Brucellosis	Xiaoping Fu Director of China Pasture, Fonterra
	18:00 PM	Brucella diagnostic in Serbia – our experience	Nemanja.Zdravkovic Department of Bacteriology and Parasitology Scientific Institute of Veterinary Medicine of Serbia
	8:30 AM	<u>Bioinformatics analysis and rational design of human and animal Brucella vaccines</u>	Yongqun He Professor, US Central Michigan University, College of Medicine
2020/10/20	8:55 AM	Brucella Protease Lon and ClpP	Hao Dong Doctor, China Animal Disease Control Center
	9:20 AM	Bovine Brucellosis Eradication Campaign in Shanghai	Jian Wang Professor, Shanghai Animal Disease Control Center
	9:45 AM	Practice and Experience of the Prevention and Control of Animal Brucellosis in Shandong Province	Liping Hu Professor, Shandong Animal Disease Control Center
	10:10 AM	Multi-Omics Study on Brucella Infection and Immunity	Zeliang Chen Professor, Shenyang Agricultural University
	10:35 AM	Study on the Biological Characteristics of Brucella B.suis2 Gene Deleted Strain	Aihua Wang Professor, Northwest A&F University
	11:00 AM	Brucellosis Gel Vaccine and Mucosal Immunity	Kairong Mao Professor, National/OIE Reference Laboratory for Brucellosis, IVDC
	11:25 AM	Study on the Immune Response of Acute Brucellosis Infection	Rongmeng Jiang Professor/Chief Physician, Beijing Ditan Hospital
	14:00 PM	Brucella Type IV Secretion system and its effect on host autophagy	Yuehua Ke Associate Professor, Academy of Military Medical Sciences
	14:25 PM	Epidemiological characteristics and attack rate of clusters or outbreaks of human brucellosis in China from 2006 to 2018	Qiulan Chen Chinese Center for Disease Control and Prevention
	14:50 PM	<u>brucellosis in wildlife, worldwide</u>	Jacques Godfroid Professor, University of Tromsø - the Arctic University of Norway
2020/10/20	15:15 PM	<u>Report on the activities of the OIE Reference Laboratory for Brucellosis, FLI, Jena in Pakistan</u>	Neubauer Heinrich Director, Institute of Bacterial Infections and Zoonoses Friedrich-Loeffler Institute Federal Research Institute for Animal Health, Germany
	15:40 PM	Research progress on livestock brucellosis in Xinjiang	Chuangfu Chen Professor, Shihezi University
	16:05 PM	Epidemiological model for bovine brucellosis	Fabrizio De Massis Director, Istituto Zooprofilattico Sperimentale dell' Abruzzo e del Molise (IZSAM), Italy
	16:30 PM	Prevention, Control and Sterilization of Brucellosis in Large-Scale Dairy Farms	Dan Zhang Professor, Sanyuan Group Veterinary Station
	16:55 PM	Establishment of Multiple MLVA-16 Methodology for Brucella and Characteristics of Molecular-Genetic Evolution of Brucellosis in Main Endemic Areas in China	Yu Feng Doctor, National/OIE Reference Laboratory for Brucellosis, IVDC
	17:20 PM	Award Ceremony for Outstanding Papers	
	17:40 PM	Closing Ceremony	

Speakers resumes

(listed in the order of presentation)



Michael Gilsdorf

Dr. Gilsdorf, received his degree of Doctor of Veterinary Medicine (DVM) from Kansas State University in 1974. From 1974 to 2007, Dr. Gilsdorf had worked for 33 years for the United States Department of Agriculture (USDA), Animal and Plant Health Inspection Service's Veterinary Services (VS). He worked in different positions on national and international animal health at the USDA. Before he retired, he was the Director of all Domestic Animal Health Programs for VS. Since 2007, he has worked as a veterinary consultant in numerous countries advising government officials, veterinarians, and livestock producers on methods to eradicate brucellosis and tuberculosis from cattle.



Hai Jiang

Dr. Hai Jiang, Professor and Deputy Director from the Department of Brucellosis, National Institute for Communicable Disease Control and Prevention, Chinese Center for Disease Control and Prevention. Dr. Jiang is a member and Secretary of the Scientific Commission of Brucellosis, China Endemic Diseases Association; Member of the Scientific Development and Consultation Committee of China Society for Microbiology; Member of the Scientific Commission of Ecological Health and Human Ecology, the Professional Committee of Biomarkers, China Research Hospital Association. Dr. Jiang engaged mainly in prevention and control of brucellosis nationwide, including national standards, emergency plans, control guidelines and surveillance programs. His work focuses on the etiology, epidemiology, molecular diagnosis and bio-informatics applied for brucellosis control. A number of national key projects were undertaken by Dr. Jiang, such as the “973”, “863”, National Natural Science Foundation and Emerging Infectious Diseases (EID) program between China and the U.S. He has published more than 20 peer-reviewed scientific papers, and awarded four national patents.



Monaya Ekgatat

Prof. Monaya Ekgatat, Doctor of Veterinary Medicine, Brucellosis advisor for Department of Livestock, Development of National Institute of Animal Health (Niah) of Thailand. Prof. Ekgatat

is an OIE expert for brucellosis. She has rich experience and achievements in molecular epidemiology, pathogenesis, clinical infection and prevention and control technology of brucellosis. She has won many national awards in the field of brucellosis in Thailand.



Shengqing Yu

Dr. Shengqing Yu obtained Ph.D degree in 2002 in Japan, majoring in Preventive Veterinary Medicine with emphasis on the research on pathogenesis of Newcastle Disease Virus. Afterward, Dr. Yu had worked as a Post-doctoral Fellow at the National Institute of Health (NIH) and Children's Hospital Los Angeles, USA, from 2003 to 2008. Since 2008, Dr. Yu has been employed as a professor at Shanghai Veterinary Research Institute, Chinese Academy of Agricultural Sciences, China. Dr. Yu is now leading a research team working on bacterial pathogenesis and vaccine development, mainly on poultry bacterial pathogens, including *Riemerella anatipestifer*, avian pathogenic *E. coli* and salmonella, and *Brucella abortus*. Dr. Yu's team has published more than 50 scientific papers in peer-reviewed international journals.



Qingmin Wu

Dr. Qingmin Wu is a full Professor at College of Veterinary Medicine, China Agricultural University, who has been professionally focusing on *Brucella* pathogenesis, as well as prevention and control of cattle and sheep brucellosis. His team mainly explored

Brucella survival and distribution in animals/herd, optimization and innovation of the attenuated vaccines, differentiation of infected and vaccinated animal (DIVA), and the novel anti-brucellosis agents in the decades. Some techniques and products were approved at home and abroad, such as the innovative vaccine was permitted to be produced in three domestic enterprises. In 2018, the novel vaccine he developed was selected as one of the ten best vaccines in the World, and won the brucellosis vaccine prize awarded by the Global Alliance for Livestock Veterinary Medicines funded by a collaborative multi-donor initiative between the Australian, Canadian, UK and US governments and Bill & Melinda Gates Foundation and the World Bank. In recent years, the team has published more than 50 papers in related technical fields and obtained many national invention patents.



Liangquan Zhu

Dr. Liangquan Zhu, Professor, Core expert of OIE/National Reference Laboratory for Brucellosis. Dr. Zhu is mainly engaged in the etiology, diagnosis technology, comprehensive prevention and control of animal zoonotic diseases (brucellosis, bovine tuberculosis, etc.). He awarded 10 national patents of invention. As the chief expert, Dr. Zhu has amended national and agricultural industry standards, he published more than 60 peer-reviewed papers. Dr. Zhu acts as the editorial board member for the journal of Insight-Veterinary Science , he is the reviewer of FEBS Journal, Biotechnology Bulletin and Chinese Journal of Veterinary Medicine.



Hongjun Yang

Hongjun Yang, professor of Dairy Cow Research Center in Shandong Academy of Agricultural Sciences and the director of Dairy Cow Diseases Prevention and Control Laboratory. He engaged in the field of dairy cow disease research as one of post scientists in the Dairy Cow Disease Control Laboratory of China Dairy Cow Industry Technology Research System. He has successively undertaken the National "863" Program of China and the National Key R&D Plan Sub-projects. He won the first prize for China Agricultural Science and Technology Award in 2016 and the second prize for Shandong Provincial Science and Technology Progress Award in 2015. He obtained 3 provincial local standards and 4 authorized patents, and published above 50 papers. Based on scientific research, he was devoted to the dairy industry on the front line, and established a "Dairy 120" platform to providing the accurate, rapid and objective disease detection service for more than 120 dairy herds in 22 provinces of China.



Weixing Shao

Dr. Weixing Shao is a senior scientist and principal investigator of National Animal Brucellosis Para-reference Laboratory. He has been engaged in the research of international animal health standards, livestock diseases and animal brucellosis. Dr. Shao has presided over / participated in 22 programs for drafting and revising of national and industrial animal health standards. He obtained 2 provincial and national awards in research progress, possessed 3 certified patents, edited 11 books and published 25 papers.



Jiabo Ding

Prof. Jiabo Ding (Ph.D.), the chief scientist of National/OIE animal Brucellosis, has contributed considerably to the research of zoonoses especially Brucellosis. Prof. Ding has published more than 200 papers in peer-reviewed journals, and he has 17 patents of invention certified and 5 New Veterinary Drug Certificates authorized. He has won the honors of "National Agricultural Advanced Worker" and "China Youth Science and Technology Award", and is the third batch of the national "Ten Thousand Talents Plan" scientific and technological innovation leading talents. Prof. Ding is a member of the Chinese Veterinary Pharmacopoeia Committee and Executive Director of the China Society for Microbiology.

Menachem Banai



Prof. Menachem Banai, Israel, Ph.D. in Microbiology at The Hebrew University, Postdoctoral position at The National Institute of Allergy and Infectious Diseases, National Institute of Health, Maryland, U.S.A. He was the head of the National Brucellosis Center, Department of Bacteriology, Brucellosis section, Kimron Veterinary Institute since 1986. He was the head of the OIE and FAO Reference Laboratory for Brucellosis since 1995, and was included in European Food Safety Authority (EFSA's) expert database since 2009. He was a lecturer at the Faculty of Veterinary Sciences at Hebrew University, Israel, on General Microbiology and Brucellosis since 1994. Over 40 publications were published in peer-reviewed journals, such as Front. Cell. Inf. Microbio, Infect. Immun, Vaccine and so on. Allowed 1 patent and 2 registered cultivars.



Claire Ponsart

Prof. Claire PONSART, France, Ph.D in Epidemiology and Public Health (2000), Diploma in Virology (2008) and Diploma in Bacteriology (2009) at Institute Pasteur -University of Paris VII, Habilitation degree of University of Tours (2016). She was the director of LNCR from 2012 to 2014, which is the French National Lab for Health Controls in breeding stock (LNCR, Laboratoire National de Contrôle des Reproducteurs, 13 rue Joüet, 94704 Maisons-Alfort, www.lncr.org), and has serving as Head of the Bacterial Zoonoses Unit (Animal Health Laboratory ANSES) since 2014, and National & EU / OIE / FAO Reference Laboratory for Brucellosis, Leading a lab of 30 persons with competencies in lab diagnostic and reference activities in zoonoses. She has published a total of 40 scientific publications, 89 professional publications, and more than 200 posters and communications in international conferences.



Zheng Zeng

Dr. Zheng Zeng, Senior Agricultural Technology Extension Researcher, received his Master's degree majoring in Preventive Veterinary Medicine from Northwest A&F University and Master's Degree of Science from Institute of Tropic Medicine in Belgium. He is currently the General Director of Chongqing Animal Disease Prevention and Control Center, and mainly engaged in zoonosis disease prevention and control. He is the vice Chairman of Chongqing Animal Husbandry and Veterinary Society. In recent years, more than 90 reports have been made at home and abroad. He has won the provincial and ministerial first prize twice, the second prize once, and the third prize twice, as well as 3 national invention patents. He has published more than 40 papers in journals, and also participated in compiling 2 monographs and 2 translations.



Xinyan Zhang

Prof. Xinyan Zhang (MPH), Chief epidemiologist, working in Infectious Disease Prevention and Control Department of Jinzhou CDC of Liaoning Province, has established a WeChat group of "4-comprehensive communication of brucellosis" composed of physicians, veterinarians, brucellosis patients and other members, making a contribution to the communication of brucellosis and other zoonoses practitioners.



Dénes Béla

Prof. Dénes Béla, Hungarian, Doctor of veterinary medicine, Deputy director of veterinary diagnosis Bureau of Hungarian State Food Chain Safety Office. Head of the National Reference Laboratory for Brucellosis at the

Veterinary Diagnostic Directorate of the National Food Chain Safety Office. He is an expert in molecular epidemiology, diagnosis and control technology of brucellosis in Hungary. He won the honorary award from Hungary for his outstanding work and great contribution.



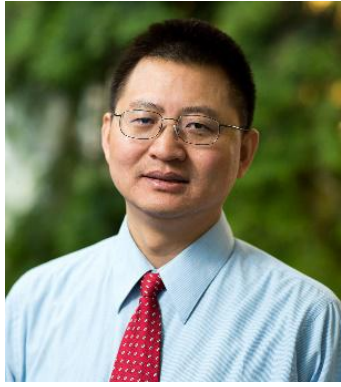
Terry Fu

Terry Fu, a qualified practicing veterinarian, Master of Veterinary Medicine, joined one training in USA through dairy exchange program sponsored by the Ohio state university (2007-2008). He has more than 20 years' experiences on dairy operations not only worked in Bright dairy, Hui-Shan dairy group companies, but also employed in Pfizer animal health, IDEXX as a technical manager, now he is a veterinary director of Fonterra (Beijing) farm management consulting Co., Ltd. He mainly studied on extension and application of Dairy Herds Improvement; dairy cow post-calving health, on-site diagnosis, prevention, eradication protocol and management of common diseases like metabolic disorders related with calving, as well as contagious diseases on scales operation such as BVD, Brucellosis, MPT etc.; He published 20 papers in journals, cooperated to publish 2 handbooks on qualified milk production & udder health. He won the honor of 1st Top5 outstanding youth veterinary worker (2015), the group he led has won the Red flag team of Shanghai Farm Bureau, Red flag team of Shanghai Federation of Trade Union.



Nemanja Zdravković

Dr. Nemanja Zdravković, Serbian, obtained a doctor's degree from the Microbiology University of Belgrade, and is currently working in the Department of Bacteriology and Parasitology of the Veterinary Institute of Serbia. He is also a member of the European national reference laboratory Society for Brucella, and has published many high-level articles.



Yongqun He

Dr. He is currently a tenured Associate Professor in the University of Michigan Medical School in USA. He has been an invited reviewer for electronic and onsite reviews of grants submitted to National Natural Science Foundation of China (NSFC). Dr. He is a permanent member of a NIH microbiology grant review study section. Dr. He is currently an executive member of the SinoMicro society. Dr. He's research focuses on microbiology, immunology, vaccinology, and bioinformatics. He has performed 20 years of intensive research on zoonotic brucellosis including *Brucella* pathogenesis, and *Brucella* vaccine development. He established the first vaccine design web platform based on reverse vaccinology. He has published over 100 scientific papers in peer-reviewed journal.



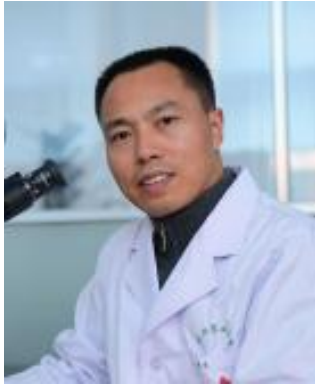
Hao Dong

Dr. Hao Dong presides over a project of National Natural Science Foundation of China (No. 31602055) and participates in one project of The National Key Research and Development Program of China. He has published a total of 12 papers in international peer-reviewed journals, including *Frontiers in Microbiology*, *Veterinary Microbiology*, *Scientific Reports*, etc. In addition, he published more than 40 papers in Chinese core journals.



Jian Wang

Prof. Jian Wang (Ph.D.), Director of the Diagnostic Center of Shanghai Animal Disease Control Center, has contributed considerably to the research on the prevention, control and eradication of important zoonotic diseases such as bovine brucellosis and tuberculosis. Prof. Wang has published more than 100 papers in peer-reviewed journals, and he has 14 patents of invention and 1 New Veterinary Drug Certificate authorized. He has won the honors of "Shanghai May 1st Labor Medal" and "Shanghai Youth Job Expert", and is Shanghai Agricultural Academic leading talents. He is also deputy director of the Shanghai Dairy Association Expert Committee.



Zeliang Chen

Dr. Zeliang Chen, a Distinguished Professor working at Shenyang Agricultural University. He is also a Distinguished Professor of Liaoning Province and chief scientific consultant of the Brucella Innovation Team of Xinjiang Tiankang Biotechnology Co., Ltd. Dr. Chen is currently a member of the Society of Endemic Diseases of the Chinese Medical Association, Analytical Microbiology Branch of the Microbiology Society of China, Executive Member of the Liaoning Provincial Animal Husbandry and Veterinary Society. He has mainly engaged in the prevention and control of brucellosis and related research for 15 years, undertaken research projects from National Key Research and Development Projects, National “863” projects, National Natural Science Foundation Projects, National Major Projects of Infectious Diseases and “973” projects, and published more than 70 papers in peer-reviewed journals.



Aihua Wang

Prof. Aihua Wang (Ph.D.), professor and supervisor of Ph.D students at the College of Veterinary Medicine, Northwest A&F University, mainly engaged in research, teaching, promotion and social services in the field of veterinary microbiology and immunology, prevention and control of animal epidemics. She has contributed considerably to the research of mechanism and prevention and control of Brucellosis infection, and responsible for setting Shaanxi provincial standards of “Technical Regulations for Prevention and Control of Brucellosis in Goats”. She has presided over/participated in 15 national and provincial scientific research projects, published more than 70 papers in peer-reviewed journals, obtained a national invention patent, and applied for another 4 patents, published one textbook on microbiology. Prof. Wang is also member of the Chinese veterinary microbiology professional committee and teaching group, Life member of The Chinese society of microbiology, and the Chinese society of immunology and the Shaanxi immunology society, etal.



Liping Hu

Liping Hu, researcher of Shandong Animal Disease Prevention and Control Center, Joint Professor and graduate student supervisor of Shandong Agricultural University, second supervisor of master students of Huazhong Agricultural University, stands member of the first academic committee of the National Animal Brucellosis Reference Laboratory, and is Shandong Animal Vice Chairman of the Professional Committee of Biological Products and Animal Drugs. She is mainly responsible for the prevention, control and purification of major zoonotic diseases such as Brucellosis and Tuberculosis in Shandong Province, as well as the demonstration and promotion of new technologies. She has won 5 provincial and municipal science and technology progress awards, 4 of provincial harvest awards, more than 20 authorized patents of invention, completed 7 local standards and published more than 40 professional papers. She has cumulatively trained more than 6,000 professional and technical personnel, established a total of 128 provincial brucellosis purification sites and four purification areas.



Kairong Mao

Prof. Kairong Mao is member of the National Animal Epidemic Prevention Expert Committee and Chinese Veterinary Pharmacopoeia. He has been working on Zoonosis such as Brucellosis and Bovine Tuberculosis, and Quality Testing of Veterinary Biological Products, as well as veterinary drug inspection. Prof. Mao obtained 4 New Veterinary Drug Certificates and 4 authorized patents, and has more than 80 publications. He was honored as the “National Excellent Individual for Prevention and Control of Endemic Diseases” by Ministry of Health, National Economy and Trade Committee, Ministry of Agriculture, Ministry of Water Resources. Prof. Mao received honor of “National Excellent Individual in Veterinary Drug Inspection” of MOA, China.



Rongmeng Jiang

Chief Physician, Beijing Ditan Hospital (Beijing Special Hospital for Infectious Diseases, affiliated to Capital Medical University). Member of the National Advisory Committee on Infectious Diseases, National

Health Commission (Former Ministry of Health) Member of National Expert Group of Covid-19, National Health Commission (Former Ministry of Health). After graduation from the Health Science Center of Peking University (Former Beijing Medical University) in 1995, Dr. Jiang has been engaged in the clinical diagnosis and treatment, teaching, training and research of infectious diseases. As a clinical expert, Dr. Jiang has provided on-site guidance on medical treatment of major and sudden infectious diseases such as new coronavirus pneumonia, avian influenza, pneumonic plague, Ebola and SARS in China, Sierra Leone, Madagascar and many other places. Dr. Jiang has participated in the development of *National Diagnostic Standards and Prevention Programs* of the National Health Commission, such as Covid-19, Plague, Influenza, Middle East Respiratory Syndrome (MERS), and Ebola virus disease (Ebola), etc.



Yuehua Ke

Dr. Yuehua Ke graduated with PhD in preventive medicine, and then moved the focus from *Yersinia* to *Brucella*. Now, Dr. Ke focuses on interactions between *Brucella* and host, including pathogenesis and biochemical mechanisms of Type IV Secretion System(T4SS), innate immune of the host in response to *Brucella* infection, and manipulation the host vesicle trafficking pathway by intracellular *Brucella*.



Qiulan Chen

Prof. Qiulan Chen (Ph.D) is the head of the Department of Animal and Vector-borne Diseases in the Division of Infectious Disease Control, Chinese Center for Disease Control and Prevention. In addition to providing technical assistance to national human brucellosis program, she dedicates her time to the research of spatial epidemiology and impact of human brucellosis on the public. She serves as a Deputy Director of the Rabies Vaccine Working Group of national immunization program, and Deputy Director of Rabies Working Committee of Chinese Preventive Medicine Association, as well as member of Brucellosis Committee of Chinese Endemic Disease Association.



Jacques Godfroid

Prof. Jacques Godfroid, Norwegian, Ph.D.,
Professor of Tromsø University, Norway.

Member of the expert panel on food safety
concerning *Brucella* species (since 2014), WHO

Foodborne Disease Burden Epidemiology

Reference Group. He was the chairman of EU task force on
bovine tuberculosis and sheep brucellosis, and is a world-famous
zoonotic expert. He has been the director of several brucellosis
research projects in the European Union, and is an international
senior expert in the pathogenesis, molecular epidemiology,
diagnosis and control technology of brucellosis.



Heinrich Neubauer

Prof. Heinrich Neubauer, Germany, Specialist in veterinary public health, microbiology and epidemiology. Head of OIE Reference Laboratories for Glanders and Brucellosis , reviewer for different universities worldwide, expert engagements for UN, US-NIH (NIAID), COST, OIE, EU, DFG, Germany, Sweden, Switzerland, Czech Republik etc. He is membership of Deutsche Veterinärmedizinische Gesellschaft (DVG) and Deutsche Gesellschaft für Hygiene und Mikrobiologie (DGHM). Since 1999 till now, he courses and lectures zoonoses and their control at the Institut für Tierhygiene und Öffentliches Veterinärwesen, University of Leipzig, Germany. He had 63 peer-reviewed publications (last 3 years), 30 not peer-reviewed publications and 29 published articles in various popular journals, etc. He hold more than 70 lectures since 2014, he had extra mural funding in 40 projects involved approx. 11 Mio. Euro.



Chuangfu Chen

Prof. Chuangfu Chen, Professor of Shihezi University, special allowance experts of the state council, expert with outstanding contribution of the Ministry of Agriculture, National outstanding scientific and technical worker, Steering Committee for agricultural and forestry teaching of Ministry of Education etc. At present, he is mainly engaged in the research of pathogenic molecular pathogenesis and prevention and control of zoonoses, vaccines and diagnostic reagents, nano antibodies and adjuvants, tumor and stem cells, etc. He has published more than 400 academic papers, including more than 80 SCI papers.



Fabrizio De Massis

Prof. Fabrizio De Massis, Italian, Doctor of veterinary medicine, Head of OIE Reference Laboratory for brucellosis in Institute of animal disease prevention of Italian, OIE brucellosis expert, is also an international expert in brucellosis data management, data analysis and statistical processing, spatial analysis, risk analysis and epidemiological investigation of animal diseases and zoonoses.

Dan Zhang



Dr. Dan Zhang, Senior Scientist at the Animal Husbandry & Veterinary Station of Beijing Sanyuan Group, Beijing Capital Agribusiness & Foods Group, whose work has focused on the diagnosis, epidemiological investigation, control and eradication of brucellosis and bovine tuberculosis. Since joining Beijing Capital Agribusiness & Foods Group, Dr. Zhang has accumulated a wealth of experience in establishing brucellosis, bovine tuberculosis, and bovine viral diarrhea disease control and eradication programs. She gained the Second Class Beijing Science and Technology Progress Award, the First Class Science and Technology Progress Award of Beijing Capital Agribusiness & Foods Group twice, and the Second Class Award once.



Yu Feng

Dr. Yu Feng, a research assistant, received Ph.D degree in Shandong Agricultural University, majoring in Preventive Veterinary Medicine. Dr. Feng focuses on development of new diagnostic techniques and vaccines for zoonosis such as Brucellosis. Over 10 papers including 6 SCI papers and patents have been published or authorized. He has a number of presentations in key lecture of important scientific conferences.