01/ 大会主席介绍
Introduction of the Chairman

李孟华 (Prof. Menghua Li)

中国农业大学
China Agricultural University

李孟华，中国农业大学，教授（二级），博士生导师。国家杰出青年基金获得者，国家重点研发计划首席科学家；中国农业大学领军教授（A 类）、国家级创新团队负责人；中国科学院“百人计划”引进海外杰出人才（A 类），山东省“泰山学者”特聘专家。2003 年博士毕业于华中农业大学畜牧兽医学院动物遗传育种与繁殖专业；2003 年 -2010 年先后在芬兰农业食品科学研究院、赫尔辛基大学从事博士后研究，其间受欧盟邀请任挪威生命科学技术大学和意大利米兰圣心天主教大学短期访问学者；2010 年至 2011 年任芬兰农业食品科学研究院研究员 (PI); 2011 年 -2019 年任中国科学院动物研究所研究员。被授予赫尔辛基大学副教授 / 兼职教授 (Docent，2010 年 6 月），入选芬兰科学院研究员（Research Fellow of the Academy of Finland, 2011 年；独立主持 100 万欧元项目）。担任国际动物遗传学会羊专业委员会主席（2019 年 8 月 -），Animal Genetics 等 SCI 杂志编委以及第一届 (2017)、第二届 (2018)、第三届（2020）和第四届（2024）“世界绵羊大会”主席。获“欧洲科学基金 - 生命、地球、环境和极地科学部”青年科学奖（2011 年）。主要从事“绵羊遗传与种质创新方向”研究，Nature Genetics, Nature Communications, Current Biology, Genome Research, Molecular Biology and Evolution 等专业期刊发表论文 50 余篇。目前承担国家自然科学基金和国家重点研发计划等科研项目。

Prof. Menghua Li, doctoral supervisor of China Agricultural University, National Outstanding Youth Fund Awarded Winner, Chief Scientist of the National Key Research and Development Program, China Agricultural University Leading Professor and National Innovation Team leader. The "Hundred Talents Plan" of the Chinese Academy of Sciences. Distinguished expert of "Taishan Scholar". He got his PhD in Animal Genetics and Breeding in Huazhong Agricultural University in 2003. During 2003-2010, he worked in Natural Resources Research Institute and University of Helsinki in Finland as a postdoctoral researcher. He was appointed as a Docent in University of Helsinki, a Principal Research Scientist in Natural Resources Research Institute (Finland). Also, he was granted to be a Research Fellow of the Academy of Finland. From 2011-2019, he worked as a professor in the Institute of Zoology, Chinese Academy of Sciences in Beijing, China as supported by the 100-talent Program of the Chinese Academy of Sciences. He got a position of professor in China Agricultural University in 2019. His main research interest focuses on sheep and goat genetics and germplasm innovation. He has published peer-reviewed papers in Nature Genetics, Nature Communications, Current Biology, Genome Research, Molecular Biology and Evolution, Genome Biology and Evolution, Heredity and Animal Genetics etc, which were funded by the projects from National Natural Science Foundation of China, Ministry of Science and Technology, China Agricultural University and Chinese Academy of Sciences etc.

林克剑 (Prof. Kejian Lin)

中国农业科学院草原研究所
Institute of Grassland Research, Chinese Academy of Agricultural Sciences (CAAS)

林克剑，男，博士，研究员，博士生导师。中国农业科学院草原研究所所长，内蒙古草业与草原研究院执行院长兼法人代表，中组部第八批援疆干部人才，内蒙古第十二批“草原英才工程”高层次培养人才。国家牧草产业技术体系外来物种入侵防控岗位科学家，农业农村部人工草地生物灾害监测与绿色防控重点实验室主任，国家林业和草原局草原有害生物监测与绿色防控创新团队首席科学家。长期从事农业昆虫与害虫防治研究以及农业科技管理工作。截至目前，主持国家农业科技重大项目 1 项、国家自然基金项目 3 项、国家重点科技计划项目（课题）3 项，主持省部级科技攻关项目 8 项，先后以骨干成员参加 973 计划项目（课题）4 项，参加国家公益性行业科技专项 3 项；获内蒙古自治区科技进步一等奖 1 项、河南省科技进步二等奖 1 项、全国农牧渔业丰收奖农业技术推广成果奖三等奖 1 项和中华农业科技奖优秀创新团队奖 1 项；发表科研论文 60 余篇，SCI 收录 40 余篇；获发明专利授权 12 项。主 / 参编专著 3 部。

Prof. Kejian Lin is a principal investigator, doctoral supervisor and the director of Grassland Research Institute of Chinese Academy of Agricultural Sciences. He is a post scientist of the National grass Industry Technology System for Alien Species Invasion Prevention and Control, director of the Key Laboratory of Artificial Grassland Biodisaster Monitoring and Green Prevention and Control of the Ministry of Agriculture and Rural Affairs, and chief scientist of the grassland pest monitoring and green prevention and control Innovation Team of the National Forestry and Grassland Administration. He has been engaged in agricultural insect and pest control research and agricultural science and technology management for a long time. Up to now, he has presided over 1 national agricultural science and technology major project, 3 national Natural Fund projects, 3 national key science and technology plan projects, 8 provincial technology research projects. He won 1 first prize of Inner Mongolia Autonomous Region Science and Technology Progress, 1 second prize of Henan Province Science and Technology Progress, 1 third prize of National Agriculture, Animal Husbandry and Fishery Harvest Award of Agricultural Technology Promotion Achievement Award. He has published more than 60 scientific research papers, and granted 12 patents for his invention.

刘明军 (Prof. Mingjun Liu)

新疆畜牧科学院
Xinjiang Academy of Animal Science

刘明军，新疆畜牧科学院生物技术研究所研究员，所长，新疆大学、石河子大学、新疆农业大学博士生导师。主要从事绵羊生物育种技术和遗传改良研究。先后主持完成了国家 863、国家 973、国家转基因重大专项、国家国际科技合作专项、国家 NSFC 重点课题等项目研究。在绵羊遗传改良、绵羊基因编辑技术、绵羊骨骼肌生长发育等方向取得高水平研究成果。获得新疆科技进步一等奖两项、二等奖三项，发明专利 18 项。在 Genome Research，Molecular Biology and Evolution, PLoS Genetics, Animal Genetics 等杂志发表 SCI 论文 47 篇。享受国务院政府特殊津贴，入选国家“新世纪百千万人才工程”、自治区天山领军人才和天山英才；荣获全国五一劳动奖章、开发建设新疆奖章、国家科技计划执行突出贡献奖和自治区有突出贡献优秀专家等表彰奖励。

Prof. Mingjun Liu, PhD, Professor of Xinjiang Academy of Animal Science(XJAAS), Head of Animal Biotechnology Institute, XJAAS. Major in sheep genetics, functional genomics and breeding. Currently, his interests concentrate on local sheep genetic structure and meat productive traits improvement, genes involving in skeletal muscle development and meat productivity, genomic selection and gene editing breeding approaches. He published his research outcomes in outstanding journals like Genome Research, Molecular Biology and Evolution, PLoS Genetics and Animal Genetics etc. and more than tens of innovations has been patented. His outstanding contribution in Science and Technology has been awarded by centre and local government.

02/ 演讲嘉宾 & 主持人介绍
Introduction of Speakers & Hosts

Prof. Lenstra, J.A.(Hans)

Utrecht University, Netherlands

Prof.Hans Lenstra (Utrecht University, Netherlands) has been educated as chemist and biochemist. Since 1978 he has worked on molecular evolution, eukaryotic gene structure, genome characterization and molecular diversity of livestock and wildlife. His present research interests include the molecular diversity of cattle, sheep, goat, water buffalo and horse by analysis of mitochondrial and Y-chromosomal DNA variation, microsatellites, high-density SNP datasets and complete genomic sequencing. He considers the use of genomic data and the development of accessible analysis tools to translate dense datasets to biologically relevant information as the present challenge. From 2014 to 2025 he was Editor-in-Chief of Animal Genetics.

郑文新（Prof. Wenxin Zheng)

新疆农业大学
Xinjiang Agricultural University

郑文新，教授。新疆农业大学党委副书记、校长。国家绒毛用羊产业技术体系首席科学家。新疆科协副主席。新疆畜牧兽医学会会长。兼农业部种羊与毛绒质检中心及畜禽质量安全评估实验室主任；新疆畜产品质量安全重点实验室和毛绒工程中心主任。国家畜禽遗传资源委员会委员，国家畜牧标准化技术委员会委员，全国羊业和特色畜产业标准工作组组长。先后主持或参与研制国际标准 2 项，国家与行业标准 27 项。参与创立中国第一个羊毛品牌和第一个畜产品标准体系，实现国产羊毛首次出口，连续多年价格最高。新疆著名商标 1 个。开发的产品进奥运会。先后获省部级科技进步一等奖 3 项，二等奖 4 项；全国先进个人 5 项。

Prof. Wenxin Zheng, Deputy Party Committee Secretary and President of Xinjiang Agricultural University. Chief scientist of national wool sheep industrial technology system. Vice chairman of Xinjiang Association for science and technology. President of Xinjiang Animal Husbandry and Veterinary Society.Director of breeding sheep and goat wool and cashmere quality inspection center of the Ministry of Agriculture and Rural Affairs and livestock and poultry quality and Safety Assessment Laboratory of the Ministry of Agriculture and Rural Affairs; Director of Xinjiang Key Laboratory of animal product quality and safety and plush Engineering Center. Member of the national livestock and poultry genetic resources committee, member of the National Technical Committee for animal husbandry standardization, and leader of the national sheep industry and characteristic animal industry standardization working group.He has presided over or participated in the development of 2 international standards and 27 national and industrial standards. Participated in the establishment of China's first wool brand and the first animal product standard system, and realized the first export of domestic wool, with the highest price for many consecutive years. There is one famous trademark in Xinjiang. The products developed will enter the Olympic Games. It has won 3 first prizes and 4 second prizes for scientific and technological progress at the provincial and ministerial levels; There were 5 national advanced individuals.

刘永斌 (Prof. Yongbin Liu)

内蒙古农业大学
Inner Mongolia Agricultural University

刘永斌，二级研究员，博士生导师，内蒙古农业大学党委副书记、校长。国家“万人计划”科技创新领军人才、国务院政府特殊津贴专家、国家中青年科技创新领军人才、国家百千万人才工程人才，国家突出贡献中青年专家，农业农村部现代农业产业技术体系肉羊体系首席科学家，农业农村部“神农领军人才”，国家发改委 “国家地方联合实验室”、国家羊遗传评估中心、农业农村部肉羊测定站负责人。获国家科学技术进步二等奖、内蒙古科技进步一、二等奖等奖项 6 项，主持和参与培育新品种 6 个。

Prof. Yongbin Liu, doctoral supervisor, serves as Deputy Party Committee Secretary and President of Inner Mongolia Agricultural University. He is a National "Ten Thousand Talents Plan" leader in scientific and technological innovation, an expert receiving special government allowances from the State Council, a national leader in scientific and technological innovation among young and middle-aged professionals, a national talent in the "Hundred, Thousand, and Ten Thousand" Project, a national outstanding contribution expert among young and middle-aged professionals, the Chief Scientist of the Modern Agricultural Industry Technology System for Sheep in the Ministry of Agriculture and Rural Affairs, a "Shennong Leading Talent" in the Ministry of Agriculture and Rural Affairs, and the head of the National Local Joint Laboratory (approved by the National Development and Reform Commission), the National Sheep Genetic Evaluation Center, and the Ministry of Agriculture and Rural Affairs Sheep Testing Station. He has received six awards, including the National Science and Technology Progress Award (Second Prize) and first and second prizes for Inner Mongolia Science and Technology Progress. He has led or participated in the development of six new varieties.

Prof. Michael Lee

University of Otago

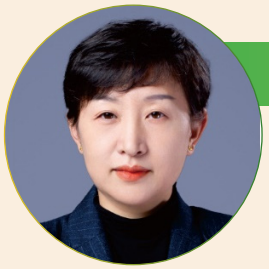
Dr. Michael Lee was educated in New Zealand in Genetics and Economics. He has worked in Europe in plant breeding, Animal Genomics in New Zealand and in quantitative genetics via Pfizer Animal Genetics. Since 2014, he has been at the Department of Mathematics and Statistics, University of Otago and Beef+Lamb New Zealand (Genetics) to develop and maintain genetic evaluation infrastructure for the New Zealand Sheep industry. Specifically, he has been involved mainly with the migration from pedigree-only evaluations to a national multi-breed national evaluation for sheep in New Zealand.

房灵昭 (Asst.Prof. Lingzhao Fang)

Aarhus University

房灵昭，博士生导师，就职于丹麦奥胡斯大学。主要研究领域包括动物遗传，功能基因组学和人类遗传学。2017 年在丹麦奥胡斯和中国农业大学分别获得遗传学和农学博士学位。 FarmGTEx 项目发起和领导者，受到玛丽居里资金和丹麦 Sapere Aude: DFF-Research Leader 基金资助。共发表 82 篇文章，其中包括 Nature Genetics (5 篇)， Nature Communications, Genome Biology, 和 Science Advances 等 。

Asst.Prof. Lingzhao Fang is a doctoral supervisor at Aarhus University in Denmark. His research focuses on animal genetics, functional genomics, and human genetics. He received his doctorates in genetics from Aarhus University in Denmark and agronomy from China Agricultural University in 2017. He is the initiator and leader of the FarmGTEx project, funded by Marie Curie grants and Sapere Aude: DFF-Research Leader grants. He has published 82 articles, including five in Nature Genetics, Nature Communications, Genome Biology, and Science Advances.



王佳堃 (Prof. Jiakun Wang)

浙江大学
Zhejiang University

王佳堃，浙江大学奶业科学研究所所长、动物分子营养学教育部重点实验室常务副主任。从事生物饲料开发与利用；幼龄反刍动物消化道发育；消化道微环境稳态与宿主健康研究。近年来，在营养调控和微生物干预的情况下，深入研究幼龄反刍动物前胃协调发育机制，消化道微生物与宿主的互作机制。外源开发生物饲料和内源调控宿主发育相结合，为提升反刍动物粗饲料利用效率提供理论和技术支撑。在国内外学术刊物发表论文 150 余篇，授权国家发明专利 20 余件，主持承担国家自然科学基金优秀青年科学基金、国家重点研发计划课题等。

Prof.Jiakun Wang, Director of the Institute of Dairy Science at Zhejiang University and Executive Deputy Director of the MOE Key Laboratory of Molecular Animal Nutrition at Zhejiang University. His research focuses on: development and utilization of biological feed; digestive tract development in young ruminants; and homeostasis of the digestive tract microenvironment and host health. In recent years, she has conducted in-depth research on the mechanisms underlying the coordinated development of the forestomach in young ruminants under nutritional regulation and microbial intervention, as well as the interaction mechanisms between digestive tract microorganisms and the host. By combining the biological feed with endogenous regulation of host development, she provides theoretical and technical support for improving the utilization efficiency of roughage in ruminants. She has published over 150 papers and has been granted more than 20 national invention patents. She has undertaken projects such as the Excellent Young Scientists Fund of the National Natural Science Foundation of China and key projects under the National Key R&D Program of China.

Prof. Juha Kantanen

Natural Resources Institute Finland

Juha Kantanen, professor of Livestock Genomics. He is a coordinator for the Finnish National Programme for Animal Genetic Resources. He has participated in numerous national and international research projects on animal genetic resources, molecular and population genetics, the genomics of animal species and the valuation of genetic resources. He has promoted international networking, and coordinated both national and Nordic research projects. He has held several trusted national and international scientific positions.

刘秋月（Assoc. Prof. Qiuyue Liu）

中国科学院遗传与发育生物学研究所
Institute of Genetics and Developmental Biology, CAS

刘秋月，博士，副研究员，毕业于中国农业大学。现任中国科学院遗传与发育生物学研究所种子创新研究院湖羊产业创新团队骨干专家。主要以肉羊优异繁殖性能分子机制和品系选育为主要研究方向。曾参与肉用多羔绵羊新品种—“鲁西黑头羊”的培育工作。目前主要负责遗传发育所种子创新研究院湖羊核心群选育及育种新材料创制工作。曾主持包括科技创新国家自然科学基金、北京市自然科学基金、先导专项（A 类）子课题等项目 5 项。曾获中国农业科学院技术成果奖 1 项。获 2020 年度盐城市创新创业领军人才 ,2021 年入选首批中科院特聘研究岗位。以第一或通讯作者发表 SCI 论文 19 篇，获得专利授权 8 项。现任中国畜牧兽医学会养羊学分会理事。

Dr. Qiuyue Liu is from Institute of Genetics and Developmental Biology (IGDB), the Innovation Academy for Seed Design, Chinese Academy of Sciences (CAS). After being awarded a Ph.D. in Biochemistry and Molecular Biology form China Agricultural University (2009), she did post-doctoral training in BUCK Institute (US 2009-2012). Afterwards Liu joined Institute of Animal sciences (IAS), Chinese Academy of Agriculture Sciences (CAAS), working on molecular underpinnings of seasonal breeding and litter size in local sheep breeds for 6 years. Liu currently hold a permanent research position at IGDB where she keeps working on local sheep breeding and genetic mapping of important economic traits under Chinese unique intensive indoor system specially on Hu sheep breed. She has published more than 19 journal articles and received multiple research grants. Some recent works has been published in Gigascience、Frontiers in Endocrinology and Journal of Animal Science and Biotechnology et al.

徐松松 (Assoc. Prof. Songsong Xu)

中国农业大学
China Agricultural University

徐松松，中国农业大学副研究员，硕士生导师，2020 年 -2023 年在中国农业科学院（深圳）农业基因组研究所从事博士后研究。，中国农业大学引进“优秀人才”（2023），主持国家自然科学基金青年基金项目和中国博士后科学基金特别资助项目，参与国家重点研发项目和国家自然科学基金面上项目等研究项目多项。已发表 SCI 论文 11 篇，其中以第一作者或共同第一作者身份在 Molecular Biology and Evolution，Microbiology Spectrum，Frontiers in Nutrition 和 Animal Genetics 等专业期刊发表论文 11 篇。研究方为羊复杂性状的遗传调控机制。

Assoc. Prof. Songsong Xu is from China Agricultural University. He conducted postdoctoral research at the Institute of Agricultural Genomics, Chinese Academy of Agricultural Sciences (Shenzhen) from 2020 to 2023.. He was selected as an "Outstanding Talent" by China Agricultural University in 2023. He has led projects funded by the National Natural Science Foundation of China (NSFC) Young Scientists Fund and the China Postdoctoral Science Foundation. He has also participated in numerous research projects, including national key R&D projects and general projects of the NSFC. He has published 11 SCI-indexed papers, including 11 as first author or co-first author in journals such as Molecular Biology and Evolution, Microbiology Spectrum, Frontiers in Nutrition, and Animal Genetics. His research focuses on the genetic regulation of complex traits in sheep.

蒋琳 (Prof. Lin Jiang)

中国农业科学院北京畜牧兽医研究所
Institute of Animal Science of CAAS

蒋琳，中国农业科学院北京畜牧兽医研究所研究员。2022 年获国家自然科学基金委员会优秀青年科学基金项目资助。担任 iMeta 青年编委。依托科技部国家家养动物种质资源库，主要研究地方家畜驯化历史、分化特征和优异性状形成的遗传机制，发现家畜驯化过程中影响体型和适应性等功能基因和分子标记 50 余个，成果发表在 Science、Molecular Biology and Evolution、Current Biology 等国际知名期刊。授权中国（国际）发明专利 15 项，联合培育羊新品种 2 个，获省部级一等奖 1 项。

Prof.Lin Jiang, a doctoral supervisor at Institute of Animal Science, Chinese Academy of Agricultural Sciences (CAAS), received funding from the National Natural Science Foundation of China's Excellent Young Scientist Fund Project in 2022. She serves as a Young Editorial Board Member for iMeta. Leveraging the National Livestock Genetic Resources Bank under the Ministry of Science and Technology, her research primarily focuses on the domestication history of local livestock, differentiation characteristics, and the genetic mechanisms underlying the formation of superior traits. She has identified over 50 functional genes and molecular markers influencing body size and adaptability during livestock domestication, with findings published in renowned international journals such as Science, Molecular Biology and Evolution, and Current Biology. She holds 15 authorized Chinese (international) invention patents, jointly developed two new sheep breeds, and received a provincial/ministerial first-class award.

张德印 (Dr. Deyin Zhang)

兰州大学
Lanzhou University

张德印，兰州大学草地农业科技学院萃英博士后，主要从事绵羊重要经济性状的遗传调控机理解析，作为绵羊双万羊基因组计划的骨干，组织绵羊基因组选择参考群的构建，开展性能测定工作，并参与了“华羊芯”基因组育种芯片的研发；绘制了绵羊多组织表观遗传调控图谱，为解析绵羊适应性进化和重要经济性状的分子机制提供了重要的资源，相关研究成果以第一作者（含并列）在 iMeta、Zoological research、Journal of Integrative Agriculture、Animal、Journal Animal Breeding and Genetics 等期刊发表论文。担任 Animals 杂 志 Guest Editor 和 BMC Genomics、Scientific Reports、Frontiers in Animal Science 等杂志审稿人。

Dr. Deyin Zhang, a postdoctoral fellow at the College of Grassland Agriculture and Technology, Lanzhou University, is mainly engaged in the analysis of genetic regulation mechanisms of important economic traits in sheep. As the backbone of the Sheep Double Ten Thousand Sheep Genome Project, he organized the construction of a sheep genome selection reference group, conducted performance testing, and participated in the development of the "Huayangxin" genome breeding chip; A multi tissue epigenetic regulation map of sheep has been drawn, providing important resources for analyzing the molecular mechanisms of adaptive evolution and important economic traits in sheep. The relevant research results are presented by the first author (including co authors) published in journals iMeta、Zoological research、Journal of Integrative Agriculture、Animal、Journal Animal Breeding and Genetics. He served as Guest Editor for Animals magazine and reviewer for BMC Genomics, Scientific Reports, Frontiers in Animal Science, and other journals.

陈炜昊 (Dr. Weihao Chen)

扬州大学
Yangzhou University

陈炜昊，扬州大学师资博士后。2024 年获扬州大学畜牧学博士学位、师从孙伟教授，同年于扬州大学生物学博士后流动站开展博士后研究工作。主要从事绵羊对 F17 大肠杆菌抗性的遗传调控研究，曾先后参与国家自然科学基金国际（地区）合作交流项目、国家自然科学基金面上项目等课题，以主要完成人获 2021-2022 年中华神农科学技术奖二等奖 1 项，发表学术论文 20 余篇，参编著作 2 部。

Dr. Weihao Chen is a postdoctoral fellow at Yangzhou University. In 2024, he obtained a doctoral degree in animal husbandry from Yangzhou University and studied under Professor WeiSun Wei, and conducted postdoctoral research at the Biology Postdoctoral Station of Yangzhou University. He mainly engaged in genetic regulation research on sheep resistance to F17 Escherichia coli, and has participated in international (regional) cooperation and exchange projects of the National Natural Science Foundation of China, as well as general projects of the National Natural Science Foundation of China. As the main contributor, he won one second prize of the 2021-2022 China Shennong Science and Technology Award, published more than 20 academic papers, and co-authored two books.

杨华 (Prof. Hua Yang)

新疆农垦科学院
Xinjiang Academy of Agricultural and Reclamation Sciences

杨华，新疆农垦科学院畜牧兽医研究所研究员，博士，硕士研究生导师。主要从事绵羊分子遗传和新品种培育工作。“天山英才”、“兵团英才”、兵团中青年科技创新领军人才计划、新疆农垦科学院高层次人才选拔与培养支持计划领军人才。以主要完成人育成中国美利奴羊（军垦型）多胎品系、多胎萨福克肉羊品系、军垦肉羊新品种。先后主持国家自然科学基金、国家转基因重大专项等国家、省部级项目 20 项。获第五届兵团青年科技奖，兵团科技进步一等奖 2 项，二等奖 4 项，三等奖 4 项，农业部全国农牧渔业丰收奖三等奖 1 项。发表科研论文 80 篇，SCI 收录 16 篇，参编专著 5 部，制定团体标准 8 项，获发明专利授权 9 项，实用新型专利授权 6 项，软件著作权 6 项。

Prof. Hua Yang is a research professor at the Institute of Animal Husbandry and Veterinary Medicine, Xinjiang Academy of Agricultural and Reclamation Science, and a Master's Supervisor. His research interests are genetic mechanism of the important economic traits in sheep and sheep breeding. He has been awarded "Tianshan Talent Program", "Xinjiang Production and Construction Corps (XPCC) Talent Program," XPCC Leading Scientific and Technological Innovation Talent Program for Middle-aged and Young Researchers, and the Leading Talent Selection and Training Support Program of the Xinjiang Academy of Agricultural and Reclamation Sciences. As a key contributor, he has participated in the development of multiple sheep breeds, including the prolific strain of Chinese Merino (Junken Type), the prolific Suffolk mutton sheep strain, and the new breed of Junken Mutton Sheep. He has led 20 national and provincial-level key projects, such as the National Natural Science Foundation of China and the National Major Transgenic Organisms Breeding Program. His achievements include the Fifth XPCC Youth Science and Technology Award, two First Prizes, four Second Prizes, and four Third Prizes of the XPCC Science and Technology Progress Award, as well as a Third Prize of the National Agriculture, Animal Husbandry, and Fisheries Harvest Award by the Ministry of Agriculture. He has published 80 research papers, including 16 SCI-indexed articles, co-authored 5 monographs, 8 group standards, 9 invention patents, 6 utility model patents, and 6 software copyrights.

Dr. Baatar Narantuya

Research Institute of Animal Husbandry in Mongolia

Dr. Baatar Narantuya is a biologist and zoo engineer technologist. Has been working at the Institute of Animal Husbandry since 1996, as a research assistant, associate researcher, senior researcher, leading researcher, head of laboratory, and scientific secretary. In 2009 earned her Doctoral degree with the dissertation titled “Quality Indicators and Digital Database of Mongolian Breed and Strain Cashmere”. Has served as the main researcher in six government-funded projects related to wool and cashmere, project leader in two research projects, alternative leader in one project funded by the Nuclear Energy Agency, and project leader in one China-Mongolia joint project. In addition, participated as an executor and consultant in four projects implemented by Mongolia-Germany cooperation and other international organizations. Furthermore, authored seven monographs, five textbooks and manuals, and has presented over 30 scientific papers at national and international conferences. In addition to have published more than 40 research articles in domestic and international journals. And author of the “Ölgiin Red ” goat breed (2019), and an active contributor of the “Altaiin Red” goat breed (2016), “Galshariin Red” goat strain (2018), “Tsagaan-Ovoogiin black” goat strain (2024), and “Saintsagaan” sheep strain (2019). Also, a member of the Technical Committee (P-participant) of the National Standardization Committees, Agriculture (MASM/TC17) and Textiles (MASM/TC16).

Dr. Nikolay Yudin

Institute of Cytology and Genetics, Siberian Branch of the Russian Academy of Sciences

Laboratory Head, Laboratory of Livestock Molecular Genetics and Breeding, Institute of Cytology and Genetics, Siberian Branch of the Russian Academy of Sciences, Novosibirsk, Russia

Leading Researcher, Kurchatov Genomics Center, Institute of Cytology and Genetics of the Siberian Branch of the Russian Academy of Sciences, Novosibirsk, Russia

Associate Professor in Physiology, Novosibirsk State University, Novosibirsk, Russia

Main research topics:

Livestock Genomics

Quantitative trait loci mapping in livestock species

Computational and systems biology

Conservation genetics

Dr. Kairat Dossybayev

Kazakh Scientific Research Institute of Animal Husbandry and Forage Production, Kazakhstan

Dr.Kairat Dossybayev is a Senior Researcher at the Institute of Genetics and Physiology in Almaty, Kazakhstan. He also serves as the Head of the Molecular Genetics Laboratory at the Kazakh Research Institute of Animal Husbandry and Forage Production and as a Senior Lecturer at Al-Farabi Kazakh National University. Dr. Dossybayev undertook multiple research internships in Prof. Naruya Saitou's laboratory at the National Institute of Genetics (Mishima, Japan), focusing on bioinformatics, molecular evolution, and microsatellite DNA variation.

He obtained a Ph.D. in Biology from Kazakh National Agrarian University. Over the past decade, his research has focused on livestock genomics, particularly on sheep, cattle, horses, and camels. His main research interests include SNP genotyping and sequencing, population structure and genetic diversity analysis, inbreeding assessment, and the identification of candidate genes associated with productivity traits.

Dr. Dossybayev has completed several international research internships in Japan, Russia, and China, with a focus on molecular genetics, evolutionary genomics, and bioinformatics. His recent publications include studies on SNP-based genomic characterization and GWAS in livestock, published in journals such as Scientific Reports, Animals, and Genes.

It is a great honor for him to present recent research in China, and he looks forward to fruitful discussions and potential collaborations with colleagues from around the world.

姜雨 (Prof. Yu Jiang)

西北农林科技大学
Northwest A&F University

姜雨，西北农林科技大学动物科技学院，二级教授、院长。从事动物基因组学与生物信息学，着重反刍家畜遗传资源解析，构建了牛羊参考基因组、泛基因组和 imputation 库，鉴定出 LCORL、STC2、IGF2BP1 等多个显著增加生长速度的驯化基因。以第一或通讯作者（含共同） 在 Science（3 篇）、Nature Biotechnology（2 篇）、Nature Genetics、Nature Communications（5 篇）等期刊发表论文 70 余篇，是《GPB》、《JGG》、《ZR》、《AROH》、《遗传》等期刊的编委，《中国牛业科学》主编。主持了国家重点研发计划“主要农业动物优异种质资源形成与演化机制”、自然基金委优青项目。

Prof.Yu Jiang, Dean of the College of Animal Science and Technology at Northwest A&F University, specializing in animal genomics and bioinformatics with a focus on the genetic analysis of ruminant livestock. He has led the construction of reference genomes, pan-genomes, and imputation libraries for cattle and sheep, and identified key domestication genes—including LCORL, STC2, and IGF2BP1—that contribute significantly to enhanced growth rates. With over 70 publications as first or corresponding author (including co-authorships), his work has appeared in leading journals such as Science (3 papers), Nature Biotechnology (2 papers), Nature Genetics, and Nature Communications (5 papers). He serves on the editorial boards of Genomics, Proteomics & Bioinformatics (GPB), Journal of Genetics and Genomics (JGG), Zoological Research (ZR), Animal Research and One Health (AROH), and Genetics, and is Editor-in-Chief of Chinese Cattle Science. He has directed major research initiatives including the National Key Research and Development Program of China on the formation and evolution mechanisms of superior germplasm resources in major agricultural animals, and the Young Scientist Program of the National Natural Science Foundation of China.

张俊 (Assoc. Prof. Jun Zhang)

国家农业信息化工程技术研究中心
National Agricultural Informatization Engineering Research Center

张俊，副研究员，1990-2003年就读于中国农业大学动物遗传育种与繁殖专业，获博士学位；国家农业信息化工程技术研究中心副研究员，北京派得伟业科技发展有限公司总经理。长期从事农业信息技术研究与推广，利用现代信息技术和数字化技术解决农业生产、企业生产、政府管理等方面的问题，综合应用企业架构框架、领域模型研究和面向对象架构技术等方法论，开展数据管理、信息管理与服务集成研究；发表论文35篇，取得软件著作权20余项。获得多项省部级科技奖励。

Assoc. Prof. Jun Zhang is from the National Agricultural Informatization Engineering Research Center and General Manager of Beijing Paideweiye Technology Development Co., Ltd. He has long been engaged in agricultural information technology research and promotion, leveraging modern information technology and digital technologies to address issues in agricultural production, enterprise operations, and government management. He integrates methodologies such as enterprise architecture frameworks, domain modeling, and object-oriented architecture to conduct research in data management, information management, and service integration. He has published 35 papers and obtained over 20 software copyrights. He has also received numerous provincial and ministerial science and technology awards.

张艳丽 (Prof. Yanli Zhang)

南京农业大学
Nanjing Agricultural University

张艳丽，南京农业大学教授，博士生导师，国家肉羊产业技术体系岗位科学家兼研究室主任，江苏省肉羊产业技术体系副首席兼岗位专家，江苏省“333”高层次人才培养对象。长期从事动物繁殖学和羊生产学的教学科研和社会服务工作，先后承担了国家重点研发计划课题、国家自然科学基金面上项目、国家自然科学基金生物育种专项项目，江苏省种业振兴揭榜挂帅等省部级项目 10 余项；累计发表学术论文 80 余篇，其中近五年以通讯作者在 Genomics, Proteomics & Bioinformatics、Protein & Cell、FASEB journal、Communications biology 等学科主流期刊发表论文 40 余篇；担任 Animal Advances 副主编，Animal reproduction science 编委。

Prof. Yanli Zhang is a doctoral supervisor at Nanjing Agricultural University. Additionally, she holds the position of post scientist and director of the research office of the national mutton sheep industry technology system. She is also the deputy chief and a post expert within the mutton sheep industry technology system in Jiangsu Province. Recognized as a "333" high-level talent training target in Jiangsu Province. Long-term research has been conducted on genetic breeding, reproductive regulation of mutton sheep. Dr. Zhang has successfully led over 10 grants (including national key research and development plan projects, general projects of the National Natural Science Foundation, special projects of biological breeding of the National Natural Science Foundation, and initiatives aimed at revitalizing the seed industry in Jiangsu Province) and published 40+ papers in:leading journals (e.g.,Genomics, Proteomics & Bioinformatics, Protein & Cell,Communications biology) in the past five years . She serves as an Associate Editor for the journal Animal Advances and is a member of the Editorial Board of the journal Animal Reproductive Science.

赵永聚 (Prof. Yongju Zhao)

西南大学
Southwest University

赵永聚，西南大学教授、博士生导师，2009-2010 年在丹麦奥胡斯大学（Aarhus University）作访问学者，2017-2018 年在美国普渡大学（Purdue University）作访问学者，西南大学动物科学技术学院院长、草食动物科学重庆市重点实验室主任、重庆市草食牲畜产业创新团队首席科学家、中国畜牧兽医学会理事、中国畜牧兽医学会养羊分会副理事长，国家级一流课程《家畜育种学》课程负责人。主要从事动物遗传育种领域的教学科研工作。

Prof. Yongju Zhao, doctoral supervisor at Southwest University. He was a visiting scholar at Aarhus University in Denmark from 2009 to 2010 and at Purdue University in the United States from 2017 to 2018. He is the dean of the College of Animal Science and Technology at Southwest University, director of the Chongqing Key Laboratory of Herbivore Science, chief scientist of the Chongqing Herbivore Livestock Industry Innovation Team, a council member of the Chinese Society of Animal Husbandry and Veterinary Medicine, vice president of the Sheep Breeding Branch of the Chinese Society of Animal Husbandry and Veterinary Medicine, and the course director of the national first-class course "Animal Breeding." His main research interests include teaching and research in animal genetics and breeding.

张英杰 (Prof. Yingjie Zhang)

河北农业大学
Hebei Agricultural University

张英杰，河北农业大学动物科技学院院长，教授，博士生导师，河北省有突出贡献的中青年专家，国务院政府特殊津贴专家，畜牧学一级学科博士点负责人。兼任中国畜牧兽医学会养羊学分会理事长，国家肉羊产业技术体系岗位科学家，中国畜牧杂志、中国草食动物科学、今日畜牧兽医杂志编委。已获省、部级科技奖一等奖 2 项，二等奖 4 项，三等奖 13 项，发表论文 300 余篇。

Prof. Yingjie Zhang, dean of the College of Animal Science and Technology at Hebei Agricultural University, is a professor, doctoral supervisor, and a middle-aged and young expert with outstanding contributions in Hebei Province, recognized as a recipient of the State Council's Special Government Allowance, and serves as the head of the doctoral program in the primary discipline of Animal Husbandry. Additionally, he holds concurrent positions as President of the Sheep Science Branch of the Chinese Society of Animal Science and Veterinary Medicine, a Position Scientist in the National Goat Industry Technology System, and an editorial board member for journals such as *Chinese Journal of Animal Husbandry*, *Chinese Journal of Grassland and Forage Animals*, and *Today's Animal Science and Veterinary Medicine*. He has received two first-class provincial and ministerial-level science and technology awards, four second-class awards, and thirteen third-class awards, along with over 300 published papers.

罗海玲 (Prof. Hailing Luo)

中国农业大学
China Agricultural University

罗海玲，中国农业大学及三亚研究院教授，博导，获教育部“新世纪优秀人才”，“中国女科技工作者服务奖”、“中国畜牧行业先进工作者”、“中国农业大学教学特等奖”、“中国农业大学优秀教师”等。现任国家肉羊体系岗位科学家、中国养羊学分会副理事长、畜牧兽医学会理事、中国畜牧业协会羊业分会副秘书长，全国畜牧业标准委员会委员、国家肉羊遗传改良专家组专家、中国农学会高新技术委员会常务理事，国家级农业推广专家。从事绵山羊教学与科研 30 多年，发表论文 200 余篇，中英文专著 10 部，授权专利 11 项，转化 2 项，培养博士硕士研究生 80 余名，学生获“北京市优秀毕业生”、国际会议“青年科学家奖”、国际会议优秀论文奖等。近年来在羊肉品质与风味领域研究成果突出，出版我国第一本有关羊肉品质调控专著，提出羊产业量质协同提升理论与思想。

Prof. Hailing Luo, a distinguished faculty at China Agricultural University and the Sanya Institute of China Agricultural University, serves as a doctoral supervisor. She has received numerous accolades, including the Ministry of Education's "New Century Outstanding Talents Award," the "Service Award for Chinese Female Scientific and Technological Workers," the "Advanced Worker Award in China's Animal Husbandry Industry," the "China Agricultural University Teaching Special Award," and the title of "Excellent Teacher of China Agricultural University." Currently, Professor Luo holds several prominent positions: she is a post scientist in the national mutton sheep system, the vice chairman of the China Sheep Breeding Branch, a director of the Society of Animal Husbandry and Veterinary Medicine, the deputy secretary-general of the Sheep Industry Branch of the China Animal Husbandry Association, a member of the National Animal Husbandry Standards Committee, an expert of the National Mutton Sheep Genetic Improvement Expert Group, an executive director of the High-Tech Committee of the Chinese Agricultural Society, and a national agricultural extension expert. With over 30 years of experience in teaching and scientific research on sheep and goats, Professor Luo has made significant contributions to the field. She has published more than 200 papers and 10 monographs in both Chinese and English, authorized 11 patents, and completed 2 transformation patents. She has also trained over 80 doctoral and master's students, many of whom have received prestigious awards such as the "Beijing Outstanding Graduates" and the "Young Scientist Award" and "Outstanding Paper Award" at international conferences. In recent years, Professor Luo's research in the field of mutton quality and flavor has been particularly notable. She authored the first monograph on "mutton quality control in China" and proposed innovative theories and approaches for the collaborative improvement of the sheep & goat industry's quality and standards.

Asst. Prof. Mahmoud M. Abdelsattar

South Valley University

Mahmoud M. Abdelsattar 博士是埃及基纳南谷大学农学院畜禽生产系动物营养学助理教授，同时也是中国农业科学院饲料研究所的博士后研究员。他是中国科技部青年拔尖人才计划（2024-2025）的获得者。他于 2022 年在中国农业科学院获得反刍动物营养与饲料科学博士学位，并荣获中国农业科学院研究生院优秀留学生毕业生称号。他的主要研究领域是反刍动物营养，特别是提高日粮营养素的利用效率和胃肠道发育，以确保动物的可持续性和福利。他已发表超过 26 篇期刊论文和多篇会议论文。他的研究工作与合作涉及埃及、中国、欧洲和拉丁美洲的机构。

Dr. Mahmoud M. Abdelsattar is an assistant professor of Animal Nutrition at the Department of Animal and Poultry Production, Faculty of Agriculture, South Valley University, Qena, Egypt and a post-doctoral fellow at the Institute of Feed Research, Chinese Academy of Agricultural Sciences, Beijing, China. He is the recipient of the young talent scientist program of the Chinese Ministry of Science and Technology (2024-2025). He earned his Ph.D. in Ruminant Nutrition & Feed Science from the Chinese Academy of Agricultural Sciences (2022). Won the (Outstanding international student graduate of the Graduate School of the Chinese Academy of Agricultural Sciences). His main field of research is ruminant nutrition, specifically improving the efficiency of utilization of dietary nutrients and gastrointestinal tract development that assure sustainability and welfare of animals. His published work includes more than 26 referred-journal articles, as well as several conference papers. His international research work includes institutions from Egypt, China, Europe, and Latin America.

曹阳春 (Prof. Yangchun Cao)

西北农林科技大学
Northwest A&F University

西北农林科技大学动物科技学院副院长，教授，博导，国家级青年人才。近5年，以第一/通讯作者在本领域国际期刊 Gastroenterology、iMeta、Gut Microbes 等发表 SCI 论文三十多篇，最高影响因子 33.8，以第一完成人授权国家专利 12 项，发布陕西省地方标准和团体标准 4 项；获陕西省科技进步一等奖和甘肃省科技进步二等奖 2 项。获聘哈佛医学院营养中心专家组成员，入选中国畜牧兽医学会第八届井冈新秀和第三届“青年拔尖人才”、仲英学者、陕西省杰出青年和陕西省首批“普通高校青年杰出人才”，获第二届中国畜牧兽医学会动物营养学分会青年学者优胜奖。兼任全国动物营养指导委员会肉牛营养分会委员，第十一届中国畜牧兽医学会动物营养学分会副秘书长及反刍动物营养专委会副主任，动物微生态与生物饲料专业委员会陕西省分会副主任，陕西省添加剂预混料“四主体一联合”技术工程中心主任，陕西省秦创原畜禽饲料添加剂研发与应用团队首席科学家，陕西省奶牛产业技术体系岗位专家，担任《iMetaomics》和《中国牛业科学》副主编，《iMeta》和《Microbiome Research Reports》青年编委。主持国家自然科学基金面上项目等各类项目 30 多项。

Prof. Yangchun Cao, College of Animal Science and Technology, Northwest A&F University, the vice dean, professor, doctoral supervisor, and a national young talent of the College of Animal Science and Technology at Northwest A&F University. In the past five years, as the first or corresponding author, he has published over thirty SCI papers in international mainstream journals such as Gastroenterology, iMeta, and Gut Microbes, with the highest impact factor reaching 33.8. As the first principal investigator, he has authorized 12 national patents. As the first principal investigator, he has published 4 local standards and group standards of Shaanxi Province. He has won the Shaanxi Provincial Science and Technology Progress Award and the Gansu Provincial Science and Technology Progress Award twice. He was appointed as a member of the expert group of the Nutrition Center of Harvard Medical School, selected as the eighth Jinggang Young Talent and the third "Young Talents of Outstanding Merit" of the China Animal Husbandry and Veterinary Association, Zhongying Scholar, Shaanxi Province's Outstanding Young Talent and Shaanxi Province's first "General Universities' Young Talents of Excellence", won the second Young Scholar Award of the Animal Nutrition Society of China, and served as the vice chairman of the Ruminant Nutrition Committee of the 11th China Animal Husbandry and Veterinary Society, the deputy director of the Animal Microecology and Biobased Feed Professional Committee of Shaanxi Province, the deputy director of the Shaanxi Provincial Center for "Four Entities and One Joint" Technology Engineering of Feed Additives, the chief scientist of the Shaanxi Province's Dairy Cow Industry Technology System Position Expert, served as the deputy editor-in-chief of "iMetaomics" and "Chinese Cattle Science", and the young editor of "iMeta" and "Microbiome Research Reports". He has been responsible for over 30 various projects including the National Natural Science Foundation of China.

刘军花 (Prof. Junhua Liu)

南京农业大学
Nanjing Agricultural University

刘军花 南京农业大学动物科技学院教授、博士生导师，国家优秀青年基金获得者，中国畜牧兽医学会动物营养学分会副秘书长，全国草食动物健康生产科技创新联盟理事，全国畜牧兽医学会第八届井冈新秀，长期从事肉羊瘤胃发育及营养调控方向的研究，主持国家自然科学基金优秀青年基金项目等 16 项。在 Genome Biology、ISME Journal 等期刊发表论文 60 余篇，总被引 2600 多次，H-index 25，获授权发明专利 3 项，参编英文专著 1 部，获教育部自然科学奖二等奖 1 项。

Prof.Junhua Liu is a doctoral supervisor at the College of Animal Science and Technology, Nanjing Agricultural University, China. She is a recipient of the National Outstanding Youth Fund and serves as the deputy secretary-general of the Animal Nutrition Branch of the Chinese Society of Animal Husbandry and Veterinary Medicine. Additionally, She is a director of the National Technology Innovation Alliance for Healthy Production of Ruminants in China. She has been engaged in research on the rumen development and nutritional regulation in meat sheep for many years, leading 16 projects including the National Natural Science Foundation's Outstanding Youth Fund project. She has published over 60 papers in journals such as Genome Biology and ISME Journal, with more than 2,600 citations and an H-index of 25. He holds 3 authorized invention patents, co-authored an English monograph, and received a second-class award from the Ministry of Education for Natural Science.

李飞 (Prof. Fei Li)

兰州大学
Lanzhou University

李飞，兰州大学教授，主要从事反刍动物营养、饲料营养价值评价等工作。入选农业农村部“神农英才”计划，甘肃省领军人才（二层次）。担任全国动物营养指导委员会分委会委员、第四届全国饲料评审委员会委员、中国畜牧兽医学会动物营养学分会理事。主持国家自然科学基金项目 2 项、国家重点研发计划课题 1 项及中央引导地方科技发展资金项目 1 项。以第一作者或通讯作者发表论文 60 篇。

Prof. Fei Li's research focuses on ruminant nutrition and feed evaluation. He was selected for the Shennong Talents Program of the Ministry of Agriculture and Rural Affairs and recognized as a Tier II Leading Talent of Gansu Province. He serves on the Sub-committee of the National Animal Nutrition Steering Committee, the 4th National Feed Review Committee, and the Animal Nutrition Branch of the Chinese Association of Animal Science and Veterinary Medicine.

He has led two projects funded by the National Natural Science Foundation of China, one project under the National Key Research and Development Program, and one project supported by the Central Government Guiding Local Science and Technology Development Fund. To date, he has published 60 papers as first or corresponding author.

王梦芝 (Prof. Mengzhi Wang)

扬州大学
Yangzhou University

王梦芝，扬州大学动物科学与技术学院副院长，教授、博士生导师。中国粮油学会饲料分会常务理事；中国畜牧兽医学会系统动物营养学专委会副主任；中国毒理学会饲料毒理学专委会副主任。江苏省 333 高层次人才、新疆天池英才特聘专家。主要从事反刍动物营养与代谢调控研究。主持省部级以上课题 30 余项。发表论文 200 余篇，其中在 iMeta、Microbiome 等 SCI 期刊 70 余篇；获国家专利 12 项；主编教材 / 论著 8 部；获教育部科学技术进步二等奖等奖励 5 项。

Prof. Mengzhi Wang is the Vice Dean and doctoral supervisor at the College of Animal Science and Technology, Yangzhou University. She is the Executive Director of the Feed Branch of the China Cereals and Oils Association; Deputy Director of the Systematic Animal Nutrition Specialty Committee of the Chinese Association of Animal Science and Veterinary Medicine; Deputy Director of the Feed Toxicology Specialty Committee of the Chinese Society of Toxicology. She has also the Jiangsu Province's 333 High-level Talents, and a specially-appointed expert of Tianchi, Xinjiang.

Prof Wang is mainly engaged in research on ruminant nutrition and metabolic regulation. she presided over more than 30 provincial and ministerial-level projects. She has Published more than 200 papers, that include more than 70 SCI journals such as iMeta and Microbiome; obtained 12 national patents; edited 8 textbooks/ monographs; won 5 awards including the Second Prize of the Science and Technology Progress Award of the Ministry of Education of the People's Republic of China.

马涛 (Prof. Tao Ma)

中国农业科学院饲料研究所
Institute of Feed Research of CAAS

马涛，博士，中国农业科学院饲料研究所所聘研究员，硕士生导师。现任国家肉羊产业技术体系“系营养需求与饲养标准”岗位专家、全国动物营养指导委员会羊营养分会委员兼秘书、中国农业科学院反刍动物营养与饲料创新团队执行首席。长期从事肉羊营养需要量、反刍动物健康调控技术研究，农业行业标准《肉羊营养需要量》、《舍饲肉羊饲养管理技术规范》、《羔羊代乳料》的主要起草人，主持国家自然科学基金、国家重点研发计划子课题等科研项目 10 项，发表 SCI 论文 30 余篇，获北京市、农科院、中国发明协会等奖励 6 项。

Dr. Tao Ma is a professor at the Institute of Feed Research of the Chinese Academy of Agricultural Sciences. He is an expert of the National Sheep & Goat Industry Technology System, a member of the Sheep Nutrition Branch of the National Animal Nutrition Steering Committee, and the executive director of the Animal Nutrition and Feed Science Innovation Team of the Chinese Academy of Agricultural Sciences. He has been engaged in the research of nutritional requirements of meat-type sheep. He is the main contributor of the "Nutritional Requirements of Meat-type Sheep in China". He has over 10 scientific research projects including the National Natural Science Foundation and sub-topics of the National Key R&D Program, published more than 30 peer-reviewed paper, and won 6 awards from Beijing and the Chinese Academy of Agricultural Sciences.

Prof. Xuying Zhang

Justus Liebig University Giessen

Graduated and as Principal Investigator in department of animal breeding and genetics, Justus Liebig University Giessen, Germany. Major in animal breeding and genetics, molecular biology, functional genomics, gene editing and bioinformatics & computational analysis. Published more than 10 papers in Whole genome sequencing (WGS) data processing, Structural variation (SV) analysis, Copy number variation (CNV) analysis, Chromosome mapping, and GWAS and gene editing. PI for Project titled "High-resolution Validation of Candidate Causal Genes for Tail Length in Merinoland Sheep through Functional Genomic Analyses." Guest Associate Editor for the Topic “CRISPR Techniques for Biomedical Engineering and Functional Genomic” in the journal Frontiers in Genetics.

Prof. Jie Kang

Sydney Univeristy

Jie Kang is an applied statistician and quantitative geneticist with research interests spanning bioinformatics, statistical modelling, consulting, data visualisation, and plant and animal genetics. He completed his PhD on genomic selection in perennial ryegrass using reduced-representation sequencing data, in a project jointly funded by Teagasc (Ireland) and AgResearch (now the New Zealand Institute of Bioeconomy). In 2021, Jie joined Beef + Lamb New Zealand as the genetic evaluation specialist, where he contributed to the development of a national multi-breed beef evaluation system. More recently, he was appointed Lecturer in Applied Statistics at the University of Sydney, where he teaches and conducts research in statistical bioinformatics and data science. His current work focuses on multi-omics and multi-modality data analysis.

胡文萍 (Assoc. Prof. Wenping Hu)

中国农业科学院北京畜牧兽医研究所
Institute of Animal Science of CAAS

胡文萍，博士，副教授。毕业于中国农业大学和美国伊利诺伊大学香槟分校（UIUC），现就职于中国农业科学院畜牧兽医研究所，主要研究方向为绵羊遗传育种、基因编辑器研发以及动物基因编辑生物育种。主持国家自然科学基金生物育种专项 1 项、青年项目 1 项，以及国家生物育种科技创新重大专项（2030 计划）子课题 1 项。获得授权国家发明专利 16 项。参与选育的新品种“鲁中肉羊”，已推广至全国 20 个省区，该品种入选“2022 中国农业农村重大科技成果”，并被命名为“2023 畜禽主导品种”。胡博士担任《兽医学前沿》期刊编辑，并担任《现代设施畜牧养殖典型案例》一书的副主编。此外，她还参与了《特克塞尔羊品种》、《肉羊生产性能测定技术规范》等 5 项标准的制定和发布。

Ph.D, associate professor. She graduated from China Agricultural University and the University of Illinois at Urbana-Champaign (UIUC), and currently works at the Institute of Animal Science, Chinese Academy of Agricultural Sciences (CAAS), where her main research focuses on sheep genetic breeding, the development of chassis tool gene editors, and animal gene-edited biobreeding. She has presided over 1 Special Project on Biobreeding and 1 Youth Project of the National Natural Science Foundation of China, as well as 1 sub-project of the Major Special Project on National Science and Technology Innovation for Biobreeding (2030 Program). She has obtained 16 authorized national invention patents.She participated in the breeding of the new breed "Luzhong Mutton Sheep", which has been promoted to 20 provinces and autonomous regions across China. This breed was selected into the "2022 Major New Scientific and Technological Achievements in China's Agriculture and Rural Areas" and named a "2023 Dominant Livestock and Poultry Breed". Dr. Hu serves as an editor for the journal Frontiers in Veterinary Science. She also acted as the associate editor for the book Typical Cases of Modern Facility Livestock Breeding. In addition, she participated in the formulation and promulgation of 5 standards, including Texel Sheep Breed and Technical Specifications for Determination of Mutton Sheep Production Performance.

魏迎辉 (Prof. Yinghui Wei)

西北农林科技大大学
Northwest A&F University

魏迎辉，西北农林科技大学教授、博士生导师。研究方向为基因编辑技术及其在绵羊分子育种中的应用，重点致力于构建高效安全的编辑工具，培育具有优良性状的绵羊新种质。主持国家生物育种重大专项和国家自然科学基金面上项目。在《Cell》、《, Nature Chemical BiologyCell》、《Genome Biology》、《Advanced Science》、《National Science Review》 和《Protein & Cell》等期刊上发表多篇论文。入选西北农林科技大学高层次人才支持计划和陕西省“三秦人才”计划。他还担任《Journal of Genetics and Genomics》、《Agriculture Communications》 和《Advanced Biotechnology》等期刊的学术编辑或编委。

Prof. Yinghui Wei is doctoral supervisor at Northwest A&F University. His research focuses on the development of gene-editing technologies and their application in sheep molecular breeding, with an emphasis on creating efficient and safe editing tools and developing new sheep germplasm with superior traits. He has led projects funded by the Biological Breeding-Major Projects and the National Natural Science Foundation of China (NSFC). Professor Wei has published extensively in journals such as Cell, Nature Chemical Biology, Genome Biology, Advanced Science, National Science Review, and Protein & Cell. He has been recognized through the High-level Talent Support Program of Northwest A&F University and the “Sanqin Talents” program of Shaanxi Province. He also serves as an academic editor or editorial board member for journals including Journal of Genetics and Genomics, Agriculture Communications, and Advanced Biotechnology.

王步钰 (Prof. Buyu Wang)

内蒙古农业大学
Inner Mongolia Agricultural University

王步钰，内蒙古农业大学教授。中国计算机学会高级会员，中国计算机学会信息系统执行委员，中国计算机学会数字农业分会执行委员，智慧畜牧自治区高校重点实验室副主任。主要从事数字技术在畜牧应用领域的研发工作。主持国家级科技创新课题 2 项、科技厅重大专项课题 1 项、科技厅科技计划项目 2 项及科技厅成果转化项目 1 项。在国内外学术刊物发表论文 30 余篇，其中 SCI 检索 15 篇、EI 期刊检索 4 篇，中文核心期刊 4 篇。授权发明专利 8 项（已转化 2 项），取得软件著作权 20 项。获得内蒙古自治区人民政府科技进步三等奖 1 项。

Prof. Buyu Wang is from Inner Mongolia Agricultural University. He is a senior member of the China Computer Federation, an executive committee member of the Information Systems Committee of the China Computer Federation, an executive committee member of the Digital Agriculture Branch of the China Computer Federation, and the deputy director of the Autonomous Region Key Laboratory of Smart Animal Husbandry. He primarily engages in the research and development of digital technologies for animal husbandry applications. He has presided over two national-level scientific and technological innovation projects, one major special project of the Ministry of Science and Technology, two scientific and technological plan projects of the Ministry of Science and Technology, and one research achievement transformation project of the Ministry of Science and Technology. He has published over 30 papers in domestic and international academic journals, including 15 indexed by SCI, four indexed by EI journals, and four in Chinese core journals. He holds eight authorized invention patents (two of which have been converted) and 20 software copyrights. He has also received one third-class award for scientific and technological progress from the People's Government of Inner Mongolia Autonomous Region.

刘志红 (Prof. Zhihong Liu)

内蒙古农业大学
Inner Mongolia Agricultural University

刘志红，内蒙古农业大学教授，博士生导师，现任农业农村部肉羊遗传育种重点实验室主任，内蒙古自治区山羊遗传育种工程技术中心副主任；在宾夕法尼亚周立大学和中国农业大学完成博士后研究。内蒙古自治区教育厅高等学校青年科技英才，国际动物学会世界绒山羊基因组网络工作组副理事长兼秘书长，中国畜牧兽医学会养羊学分会、畜禽遗传标记学分会理事，内蒙古自治区食品科学技术学会副理事长，国际家养动物 GTEx 项目 (sheep&goat) 主要参加人。主要从事羊遗传资源保护与利用、重要经济性状功能基因组、表型组与育种的相关教学科研工作。主持承担国家重点研发计划、国家自然科学基金、自治区重大项目子课题、自治区科技攻关项目等 20 余项科研项目。发表学术论文 100 余篇，其中 T2T 的基因组文章发表于 Nature Communications。参加编纂 7 部国家统编和专著；授权专利 5 项，软件著作权 17 项；获吴常信动物遗传育种科技成果奖 1 项，校级教学奖 1 项。Frontiers in Verinary Science 等多本杂志编委。

Prof. Zhihong Liu, Doctoral Supervisor at Inner Mongolia Agricultural University, is currently Director of the Key Laboratory of Mutton Sheep Genetics and Breeding of the Ministry of Agriculture and Rural Affairs and Deputy Director of the Inner Mongolia Autonomous Region Goat Genetics and Breeding Engineering Technology Center. She completed postdoctoral research at Pennsylvania State University and China Agricultural University in the United States. She was awarded the title of Young Scientific and Technological Talent of Institutions of Higher Education by the Education Department of Inner Mongolia Autonomous Region. She serves as Vice President and Secretary-General of the World Cashmere Goat Genome Network Working Group of the International Zoological Society, a member of the Sheep Breeding Branch and the Livestock Genetic Marker Branch of the Chinese Society of Animal Husbandry and Veterinary Medicine, Vice President of the Inner Mongolia Autonomous Region Food Science and Technology Society, and a key participant in the International Domestic Animal GTEx Project (Sheep & Goat). He is a provincial model course leader and renowned teacher. His main research interests include sheep genetic resource conservation and utilization, functional genomics of important economic traits, phenotyping, and breeding. He has led over 20 research projects, including those funded by the National Key R&D Program, the National Natural Science Foundation of China, sub-projects of major autonomous region projects, and key autonomous region science and technology projects. He has published over 100 academic papers, including a T2T genome study in Nature Communications. He has participated in the compilation of seven national monographs and publications, and holds five authorized patents and 17 software copyrights. He has received one Wu Changxin Animal Genetics and Breeding Science and Technology Achievement Award and one university-level teaching award. He serves on the editorial boards of several journals, including Frontiers in Verinary Science.

陈秋明 (Assoc. Prof. Qiuming Chen)

新疆农业大学
Xinjiang Agricultural University

陈秋明，新疆农业大学动物科学学院副教授，硕士生导师，专业为动物遗传育种与繁殖，研究方向为通过组学大数据分析，解析草食动物重要经济性状杂种优势的遗传机制。以第一作者或通讯作者发表 SCI 论文 15 篇，包括国际著名期刊 Nature Communications，BMC Biology 和 Journal of Animal Science。主持国家自然科学基金地区项目 2 项，中国博士后科学基金项目 1 项，获吴常信动物遗传育种“科技成果奖”。

Assoc.Prof. Qiuming Chen, College of Animal Science, Xinjiang Agricultural University, Master's Supervisor. Specialization: Animal Genetics, Breeding, and Reproduction. Research Focus: Utilizing omics big data analysis to elucidate the genetic mechanisms underlying heterosis of key economic traits in herbivorous animals. Published 15 SCI papers as first author or corresponding author, including in internationally renowned journals such as Nature Communications, BMC Biology, and Journal of Animal Science. Led two Regional Projects of the National Natural Science Foundation of China and one China Postdoctoral Science Foundation Project. Received the "Changxin Wu Animal Genetics and Breeding Science and Technology Achievement Award."

储明星 (Prof. Mingxing Chu)

中国农业科学院北京畜牧兽医研究所
Institute of Animal Science of CAAS

储明星，二级研究员，博士生导师。1996 年 7 月至今就职于中国农业科学院北京畜牧兽医研究所，从事肉羊高繁分子机制解析和多羔肉羊新品种选育。中国农业科学院肉羊遗传育种创新团队首席，国家肉羊产业技术体系岗位科学家。主持国家和省部级科研项目 30 项，发表学术论文 770 篇，获授权发明专利 28 件，联合育成高繁肉羊新品种 5 个。获国家万人计划科技创新领军人才等称号 7 项，获国家科技进步二等奖 1 项、省部级科技奖 9 项。

Prof. Mingxing Chu, is a full professor and doctoral supervisor. Since July 1996, he has been working at Institute of Animal Science of Chinese Academy of Agricultural Sciences, where he leads research on the molecular mechanism of high prolificacy traits and the breeding of new prolific breeds in meat sheep and goats. He serves as the chief scientist of the Mutton Sheep and Goat Genetics and Breeding Innovation Team at Chinese Academy of Agricultural Sciences, and holds the post scientist of breeding technologies and methods of China Agriculture Research System-Mutton Sheep and Goats. To date, he has led 30 national and provincial-level research projects, published 770 academic articles, obtained 28 invention patents, and contributed to the development of five new meat sheep and goat breeds. He received seven honors including the National Leading Talent for Science and Technology Innovation under the National Ten Thousand Talents Program and had been awarded one Second Prize for National Science and Technology Progress Award and nine provincial and ministerial-level science and technology awards.

Dr. Madrahimov Shodlik

Samarkand State Veterinary Medicine Livestock and Biotechnology University

Dr. Madrahimov Shodlik Nazarovich was born on January 25, 1963, in the Koshkupr district of Khorezm region, Republic of Uzbekistan. In 1986, he graduated from the Samarkand Agricultural Institute with a degree in Animal Science. In the course of his scientific career, he obtained the degree of Candidate of Agricultural Sciences in 1993, and in 2024 the degree of Doctor of Sciences (DSc).

From 1993 to 2023, he held managerial positions in various regions of the Republic. He is currently a Doctor of Agricultural Sciences and an Docent at the Department of Animal Engineering of the Nukus branch of the Samarkand State University of Veterinary Medicine, Animal Husbandry and Biotechnology.

During his scientific career, he has participated in two national projects as a project leader. At present, he supervises 2 doctoral students, 3 independent researchers, and 2 candidates for the Doctor of Sciences degree.

Sh. N. Madrahimov has published about 100 scientific works, including 2 textbooks, 35 articles in prestigious international and local journals, 22 presentations at international conferences, and 23 at national conferences.

王美丽 (Prof. Meili Wang)

西北农林科技大学
Northwest A&F University

王美丽，西北农林科技大学教授，博士生导师，陕西省中青年科技创新领军人才、秦创原“科学家 + 工程师”队伍建设首席科学家、CCF 杰出会员、CCF 数字农业分会委员、陕西省图像图形学学会常务理事、陕西省奶羊产业技术体系智能羊场管理岗位专家、西北农林科技大学“设施养殖与智能感知”团队负责人。主要研究方向为计算机图形学、计算机视觉和智慧农业。主持国家自然科学基金、重点研发计划子课题等项目 30 余项。以第一作者或通讯作者在《IEEE Transactions on Visualization and Computer Graphics》《Transactions on Multimedia》《Biosystems Engineering》《Computers and Electronics in Agriculture》等期刊以及 NeurIPS、AAAI、ECCV、IROS 等会议等公开发表论文 60 余篇，授权发明专利 7 项并转化专利 1 项，获得陕西高等学校科学技术研究优秀成果奖 1 项，陕西科技进步三等奖 1 项。

Prof. Meili Wang, Northwest A&F University, is a leading talent in scientific innovation in Shaanxi Province. She serves as the chief scientist for the Qinchuang Original Scientist Engineer team, a distinguished member of the CCF, a committee member of the CCF Digital Agriculture Subcommittee, an executive director of the Shaanxi Province Image and Graphics Society, and an expert in intelligent sheep farm management within the Shaanxi Province Dairy Sheep Industry Technology System. She is also the head of the Facility Livestock Farming and Intelligent Sensing' team at Northwest A&F University. Her main research areas include computer graphics, computer vision, and smart agriculture. She has led over 30 projects including those funded by the National Natural Science Foundation and key research and development plan subprojects. She has published more than 60 papers. She holds 7 granted invention patents and, and has received 1 excellent achievement award in scientific and technological research from Shaanxi higher education institutions.

杨松 (Assoc. Prof. Song Yang)

北京理工大学
Beijing Institute of Technology

杨松现在为北京理工大学长聘副教授，特别研究员，博士生导师。杨松是 CCF 杰出会员，IEEE 高级会员，Elsevier Computer Networks 期刊编委，Elsevier Computer Communications 期刊编委，并且入选 Standford/Elsevier2024 与 2025 年全球前 2% 顶尖科学家榜单。杨松于 2015 年 6 月获得荷兰代尔夫特理工大学博士，2015 年 8 月至 2017 年 7 月在德国哥廷根大学下属数据研发计算中心（GWDG）担任博士后研究员（玛丽居里奖学金）。近年来在国际知名期刊和会议上发表论文 80 余篇，其中包括 CCF A 类论文 40 余篇，中科院一区 20 余篇，并且出版英文专著 2 部和中文教材 1 部，谷歌学术引用千余次。主持了国家重点研发计划子课题、国家自然科学基金和北京市自然科学基金等项目 10 余项。

Song Yang is currently a Tenured Associate Professor, Distinguished Researcher, and Doctoral Supervisor at Beijing Institute of Technology. He is a Distinguished Member of CCF, an IEEE Senior Member, and serves as an Editorial Board Member for Elsevier's Computer Networks and Computer Communications journals. He has also been listed in Stanford/Elsevier's Top 2% Scientists Worldwide for 2024 and 2025. Yang received his Ph.D. from Delft University of Technology in the Netherlands in June 2015. From August 2015 to July 2017, he worked as a Postdoctoral Researcher at the Gesellschaft für wissenschaftliche Datenverarbeitung mbH Göttingen (GWDG) affiliated with the University of Göttingen in Germany, supported by the Marie Curie Fellowship. In recent years, he has published over 80 papers in internationally renowned journals and conferences, including more than 40 CCF Class A papers and over 20 papers in CAS Tier 1 journals. He has also authored 2 English monographs and 1 Chinese textbook, with over 1,000 citations on Google Scholar. He has presided over more than 10 projects, including sub-projects of the National Key R&D Program, projects funded by the National Natural Science Foundation of China, and the Beijing Natural Science Foundation.

杨明来 (Prof. Minglai Yang)

吉林农业大学
Jilin Agricultural University

杨明来，吉林农业大学信息技术学院教授，博士生导师，国家万人计划专家、吉林省 B 类人才，杭州市 B 类人才，激光农业学科带头人。主要从事激光技术应用于农业，在激光促光合作用机理、与动植物互作机制、激光农业装备开发领域开展深入研究，对主粮增产、果蔬提质增产、中草药 / 花卉等特色作物提质缩短生育周期、渔业壮苗有显著作用。目前致力于激光结合智慧农业应用于设施果蔬工厂、植物工厂、水稻育秧工厂、种业快繁加速器等集成技术研究。发表论文 60 余篇，授权发明专利 20 余件。所研发的技术和产品广泛应用于全国 24 个省 150 多个基地。曾获得国家科技进步二等奖、上海市科技进步二等奖。

Prof. Minglai Yang, a doctoral supervisor at Jilin Agricultural University, a National Thousand Talents Program expert, a Category B talent in Jilin Province, a Category B talent in Hangzhou City, and a leader in the field of laser agriculture. His research focuses on the application of laser technology in agriculture, including in-depth research on the mechanisms of laser-induced photosynthesis, its interactions with plants and animals, and the development of laser agricultural equipment. His research has significantly impacted increasing staple grain production, improving the quality and yield of fruits and vegetables, improving the quality of specialty crops such as Chinese herbal medicines and flowers, shortening their growth cycles, and strengthening seedlings in the fishery industry. He is currently researching integrated technologies for laser-based smart agriculture, including applications in facility-based fruit and vegetable factories, plant factories, rice seedling nurseries, and seed propagation accelerators. He has published over 60 papers and holds over 20 authorized invention patents. His technologies and products are widely used in over 150 bases in 24 provinces across China. He has received the Second Prize of the National Science and Technology Progress Award and the Second Prize of the Shanghai Science and Technology Progress Award.

黄栋 (Assoc. Prof. Dong Huang)

华南农业大学
South China Agricultural University

黄栋，华南农业大学数学与信息学院、软件学院副院长，副教授，“广东特支计划”青年珠江学者，CCF 杰出会员，CCF 数字农业分会副秘书长，YOCSEF 广州 2022-2023 主席，广州计算机学会副理事长，主要研究方向是人工智能与大数据分析及其应用。主编教材《人工智能通识（农林院校版）》，参编教材 4 部。在 TKDE、KDD 等国际期刊和会议上发表论文 100 多篇，7 篇第一或通讯作者论文入选 ESI 高被引，相关算法应用于广东省气象大数据实时订正与分析（已在省级气象单位部署应用）及相关农业龙头企业大数据分析系统。主持国家自然科学基金项目 3 项（面上 *2、青年 *1），获 2020 年 ACM 广州新星奖、2022 年广东省人工智能产业协会青年科技创新奖、2024 年广东省计算机学会教学成果奖一等奖、2025 年 CCF 自然科学奖三等奖等。

Dong Huang is currently the Deputy Dean and an Associate Professor with the College of Mathematics and Informatics, South China Agricultural University, Guangzhou, China. From July 2017 to July 2018, he was a visiting fellow with the School of Computer Science and Engineering, Nanyang Technological University, Singapore. His research interests include artificial intelligence and big data analytics. He has published more than 100 papers in international journals and conferences, such as IEEE TKDE, IEEE TCYB, IEEE TSMC-S, ACM TKDD, SIGKDD, AAAI, and ICDM. He was the recipient of the 2020 ACM Guangzhou Rising Star Award.

唐骏启 (Dr. Steve Tang)

安徽哈泰智能科技有限公司
Anhui Hatai Intelligent Technology Co., Ltd.

唐骏启 (Steve Tang), 博士，十一年世界 500 强美企管工作经历，曾任美国爱科集团 Gsi 亚太区设计总监，深耕于畜牧农场设计。专注于通过跨领域技术的创新融合，推动畜牧业向数字化、智能化转型。尤为擅长构建以 “智能标识” 为核心的畜牧场数据生态体系，将先进的 RFID、传感器、物联网平台与大数据分析技术应用于个体动物精准管理、福利监测和全链条溯源。曾主导的创新项目荣获 2022 年全球荣誉奖，在提升行业安全、效率与可持续性方面的全球领先价值。

Steve Tang, PhD, has eleven years of experience in corporate management at Fortune 500 companies in the US. He previously served as Design Director for Gsi Asia Pacific at AGCO, a US company specializing in livestock farm design. He focuses on driving the digital and intelligent transformation of the livestock industry through the innovative integration of cross-disciplinary technologies. He is particularly adept at building a livestock farm data ecosystem centered around "smart identification," applying advanced RFID, sensors, IoT platforms, and big data analytics to precise individual animal management, welfare monitoring, and full-chain traceability. An innovation project he led received a 2022 Global Honor Award for its global leadership in improving industry safety, efficiency, and sustainability.

马志愤 (Dr. Jeffery Ma)

一牧数智（杭州）科技有限公司
EYIMU Digital Intelligence (Hangzhou) Technology Co., Ltd.

马志愤，博士毕业于兰州大学，师从中国现代草业科学奠基人之一任继周院士；致力于草地农业智库信息系统建设；2015 年创立一牧，目前在北京和杭州设立公司，为智慧牧业发展注入新动能；所构建的一牧云 YIMUCloud（“牧场的智慧大脑“）已经成为国内智慧牧场建设和升级的首选；所构建的一牧通 YIMUConnect，基于数据智能“为牧场精准提供更高性价比的解决方案”；曾负责美国硅谷农业软件公司 DC305 在中国的推广和应用；曾参与国际农业发展基金（IFAD）澳大利亚国际农业发展研究中心（ACAIR）；中加农业合作项目二期（CIDA）；世界银行 GEF 等国际合作项目；受聘兰州大学专业学位研究生行业导师及吉林大学创新创业导师；主编《中国规模化奶牛场关键生产性能现状》（自 2020 年每年连续出版）；获 2019-2021 年度全国农牧渔业丰收奖一等奖。

Jeffery Ma, Received a Ph.D. from Lanzhou University, under the supervision of Academician Ren Jizhou, one of the pioneers of modern grassland science in China;Dedicated to the development of an intellectual support information system for grassland agriculture;Founded EYIMU in 2015, with companies now established in Beijing and Hangzhou, injecting new momentum into the development of smart livestock farming;The developed YIMUCloud has become the preferred choice for the construction and upgrading of smart ranches in China;The developed YIMUConnect leverages data intelligence to "provide ranches with precisely targeted, higher cost-effective solutions."

Previously responsible for the promotion and application of DC305, an agricultural software company from Silicon Valley, in China;Participated in international cooperation projects, including those with the International Fund for Agricultural Development (IFAD), the Australian Centre for International Agricultural Research (ACIAR), the second phase of the Canada-China Agricultural Development Program (CIDA), and the World Bank's Global Environment Facility (GEF) projects.

Appointed as an Industry Mentor for professional degree postgraduate students at Lanzhou University and an Innovation and Entrepreneurship Mentor at Jilin University;Chief editor of the annual publication "Key Production Performance Status of Large-Scale Dairy Farms in China" (published consecutively since 2020);Awarded the First Prize of the National Award for Harvest of Agriculture, Animal Husbandry and Fisheries (2019-2021).

訾兴力 (Xingli Zi)

农信数智科技有限公司
Nxin Digital Intelligence Technology Co., Ltd.

訾兴力 农牧数智化咨询顾问，现任农信数智科技有限公司客户成功总监；深耕农业产业互联网领域 10 余年，主导大北农集团、天津奥群、新疆羌都等产业数智化项目的建设；主持羊业数智化产品 - 羊联网从 0-1 的建设落地；公司作为中国畜牧协会智能畜牧分会执行会长、中国畜牧协会信息分会副会长、北京农业互联网协会会长单位，积极参加协会组织的数智化研讨会。

Xingli Zi, digital consultant for agriculture and animal husbandry. He is currently the Customer Success Director of Nxin Digital Technology Co., Ltd.; he has been deeply involved in the agricultural industrial Internet field for more than 10 years, and has led the construction of digital projects in industries such as Da Beinong Group, Tianjin Aoqun, and Xinjiang Qiangdu; he presided over the construction and implementation of the sheep industry's digital product - Sheep Internet from 0 to 1; as the executive president of the Intelligent Animal Husbandry Branch of the China Animal Husbandry Association, vice president of the Information Branch of the China Animal Husbandry Association, and president unit of the Beijing Agricultural Internet Association, the company actively participated in digital seminars organized by the association.

储岳峰 (Prof. Yuefeng Chu)

中国农业科学院兰州兽医研究所 / 兰州大学
Lanzhou Veterinary Research Institute, CAAS/Lanzhou University

储岳峰博士，中国农业科学院兰州兽医研究所研究员，兰州大学动物医学与生物安全学院教授，博士生导师。现主要以布鲁氏菌、牛分枝杆菌和牛羊支原体为研究对象，开展病原致病因子挖掘与致病机制研究，如病原黏附、入侵、胞内存活、调控宿主免疫及介导跨种传播关键因子及其机制，指导研制新型疫苗、诊断试剂和药物等防控技术产品。先后主持国家重点研发课题、国家自然科学基金项目等科研项目 14 项，研制新兽药 9 项，获省部级科技奖励 7 项，制定国家及农业行业标准 5 项，授权发明专利 23 项，第一和通讯作者发表论文 60 余篇，参编专著 6 部。

Prof.Yuefeng Chu works on Ruminant Mycoplasmosis, Brucellosis and Tuberculosis control and prevention in Lanzhou Veterinary Research Institute (LVRI) of Chinese Academy of Agricultural Sciences (CAAS) and Lanzhou University. His research interests are to develop the effective tools such as vaccine and diagnostic reagents followed by discovery of pathogenesis and immunology mechanism of these diseases. He has published more than 60 papers in peer-reviewed journals and 6 book chapters. His research resulted in 4 vaccines and 5 diagnostic kits commercialized in China, and 23 Chinese invention patents as well as 4 national diagnostic standards for animal diseases control.

刘江怀 (Prof. Jianghuai Liu)

南京大学
Nanjing University

刘江怀教授于 2009 年加入南京大学，担任首席研究员。他十多年来致力于基因组编辑技术的研发。自 2021 年起，他领导了国家重点研发计划“家畜基因组编辑”子课题。近期，他与同事密切合作，开发了精准高效的编辑工具，实现了绵羊的高效遗传改良。这些合作成果已发表在知名期刊上，并对畜牧育种及其他领域产生了重大影响。

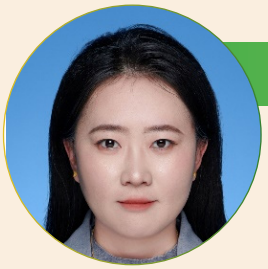
Prof. Jianghuai Liu joined Nanjing University as a Principal Investigator in 2009. He has dedicated over a decade to developing genome-editing technology. Since 2021, he has led a sub-project of a National Key R&D Program focused on livestock genome editing. In recent work with close collaborators, he has developed precise and potent editing tools that enable efficient genetic improvements in sheep. These collaborative works have been published in recognized journals, and are making a significant impact on livestock breeding and beyond.

傅祥伟 (Assoc. Prof. Xiangwei Fu)

中国农业大学
China Agricultural University

傅祥伟，中国农业大学博士，副教授，博士生导师。主要开展动物配子胚胎生物技术与生殖生物学研究，侧重超低温冷冻技术优化和损伤机理探索。先后主持国家重点研发计划、国家自然科学基金、省部级项目等课题 20 余项，以第一或通讯作者在 Cell Proliferation、Communication Biology、Journal of Animal Science and Biotechnology、International Journal of Biological Macromolecules、ACS applied materials & interfaces 等杂志发表 SCI 论文 30 余篇，主编、副主编《动物配子与胚胎冷冻保存原理及应用》等专业书籍 3 部，获国家发明专利 11 项，省部级科技进步二等奖 1 项。

Dr. Xiangwei Fu, Associate Professor, and Doctoral Supervisor at China Agricultural University. He conducts research in animal gamete and embryo biotechnology and reproductive biology, focusing on optimizing ultralow-temperature freezing techniques and exploring damage mechanisms. He has presided over over 20 projects, including those from the National Key R&D Program, the National Natural Science Foundation of China, and provincial and ministerial projects. He has published over 30 SCI-indexed papers as first or corresponding author in journals such as Cell Proliferation, Communication Biology, Journal of Animal Science and Biotechnology, International Journal of Biological Macromolecules, and ACS Applied Materials & Interfaces. He has edited or co-edited three professional books, including「Principles and Applications of Cryopreservation of Animal Gametes and Embryos」. He has been awarded 11 national invention patents and one second-class provincial and ministerial Science and Technology Progress Award.



周扬 (Prof. Yang Zhou)

内蒙古大学
Inner Mongolia University

周扬，内蒙古大学生命科学学院教授，博士生导师，研究方向为肉羊生物育种。以第一或通讯作者在 Gut、Nature Communications、BMC Biology、npj Biofflms and Microbiomes、PLoS Genetics、Cell Proliferation、Cellular and Molecular Life Sciences、Development 等期刊发表学术论文几十余篇；培育肉羊新品种 1 种；申请 / 授权国家专利和软著 7 项；参编外文书籍 1 本；主持国家自然科学基金项目 2 项、科技创新 2030 农业生物育种重大项目、内蒙古科技“突围”工程项目子课题，内蒙古青年科技人才发展项目、内蒙古羊育种联合攻关任务等，获“西部之光”学者，内蒙古自治区青年科技英才、“英才兴蒙”工程高层次人才等，担任国际动物学会青年工作组委员，中国生物物理学会肠道菌群分会委员，首批热心肠智库专家，动物繁殖期刊青年编委，国际 SCI 期刊 iMeta 青年编委等。

Prof. Yang Zhou, doctoral supervisor at the School of Life Sciences at Inner Mongolia University, specializes in mutton sheep breeding. She has published dozens of academic papers as first or corresponding author in journals such as Gut, Nature Communications, BMC Biology, npj Biofilms and Microbiomes, PLoS Genetics, Cell Proliferation, Cellular and Molecular Life Sciences, and Development. She has bred a new breed of mutton sheep, applied for and been granted seven national patents and software copyrights, and co-edited one foreign book. She has presided over two National Natural Science Foundation projects, a major project on agricultural biological breeding under the Science and Technology Innovation 2030 Program, a sub-project of the Inner Mongolia Science and Technology "Breakthrough" Project, a project on the development of young scientific and technological talents in Inner Mongolia, and a joint research project on sheep breeding in Inner Mongolia. She was awarded the "Light of the West" Scholar, the Inner Mongolia Autonomous Region Young Science and Technology Talent, and the "Talents of Inner Mongolia" Project High-level Talent. She serves on the International Zoological Society Youth Working Group, the Chinese Biophysical Society's Gut Microbiome Section, and is a member of the Young Editorial Board of the Journal of Animal Reproduction and the international SCI-indexed journal iMeta.

郅明雷 (Assoc.Prof. Minglei Zhi)

中国农业大学
China Agricultural University

郅明雷，博士，副教授。入选 2022 年度博士后创新人才支持计划及中国农业大学“兴农青年学者”，并获得“2115 人才培育发展支持计划”青年新星 B 类资助。2025 年入选中国农业大学人才引进计划，任生物学院生物化学与分子生物学系副教授。主要从事家畜多能干细胞与发育生物学相关工作，包括家畜早期胚胎发育及其调控机制解析，家畜胚胎干细胞建系及应用等。以第一作者 / 共同一作在 Cell Research， Cellular and Molecular Life Sciences 等国际主流期刊发表多篇论文。担任《中国畜禽种业》期刊青年编委。

Minglei Zhi, Ph.D., Associate Professor. Selected as the 2022 Postdoctoral Innovative Talent Support Program awardee and Xingnong Young Scholar at China Agricultural University, and awarded the B-class funding of the 2115 Talent Cultivation and Development Support Program. Appointed as Associate Professor in the Department of Biochemistry and Molecular Biology, College of Life Sciences, China Agricultural University through its talent introduction program in 2025. His research primarily focuses on pluripotent stem cells and developmental biology in domestic animals, including the mechanisms regulating early embryonic development in livestock, establishment and application of embryonic stem cell lines in livestock. He has published multiple papers as first author or co-first author in international journals such as Cell Research and Cellular and Molecular Life Sciences. Currently serves as a member of the Youth Editorial Board for The Chinese Livestock and Poultry Breeding journal.

张坤 (Prof. Kun Zhang)

浙江大学
Zhejiang University

张坤，浙江大学研究员，浙江大学动物繁殖学学术带头人，动物科技系系主任，动物遗传与繁育研究所副所长，中国畜牧兽医学会动物繁殖学分会常务理事，中国畜牧兽医学会动物育种学分会理事，浙江省奶牛遗传改良和乳品质提升重点实验室“良种扩繁”岗位首席科学家，浙江大学创新 2030“设计育种”计划动物基因编辑方向的带头人，长期从事牛早期胚胎发育和胚胎工程技术研究，在 Cell Reports、Development、PLOS Genetics、The FASEB Journal、Biology of Reproduction 等主流期刊发表论文 30 余篇；主持 4 项国家自然科学基金面上项目，1 项国家自然科学基金国际合作项目，2 项国家重点研发计划课题；担任 Animal Reproduction Science 编委；受邀担任国际胚胎移植协会年会专业评审主席；Nature Cell Biology、Biology of Reproduction 等审稿人或编委。

Dr. Kun Zhang is professor of reproductive biology and Head of the Department of Animal Science and Technology and Deputy Director of the Institute of Animal Genetics and Breeding at Zhejiang University. Holding a Ph.D. from the University of Florida (2011) and with postdoctoral experience at UMass Amherst and Michigan State University, he leads research on molecular mechanisms of bovine embryonic development and breeding applications of embryo technology. The long-term research goal of Dr. Zhang's lab is to apply knowledge acquired in understanding physiological, genetic and epigenetic regulation of oogenesis and early embryogenesis to improve fertility in both dairy and beef cattle and increase the efficiency of assisted reproductive technologies in both agricultural animals and human. Dr. Zhang has secured over 10 major grants (including NSFC and National Key R&D projects) and published 30+ papers in leading journals (e.g., Cell Reports, Development). He serves on editorial boards (Animal Reproduction Science, Journal of Zhejiang University) and councils (Chinese Society of Animal Science and Veterinary Medicine).

Prof. Jaana Peippo

Natural Resources Institute Finland

Prof. Jaana Peippo is a Principal Scientist at the Natural Resources Institute Finland (Luke), with over three decades of expertise in reproductive genetics and embryology in domestic animals. She holds a PhD in sex-related embryonic development from the University of Turku and is an Adjunct Professor in Reproductive Genetics at the University of Eastern Finland. Dr. Peippo leads and contributes to national and EU-funded projects on fertility, embryo technologies, and genetic resource conservation, including Horizon Europe's CryoStore and former Academy of Finland projects on prolific sheep genomics. Her research integrates assisted reproductive technologies, embryo genomics, and cryopreservation, with a strong publication record (49 peer-reviewed articles, h-index 29).

Dr. Mohammed Albreiki

Abu Dhabi Agricultural and Food Safety Authority (ADAFSA)

Dr. Mohammed Albreiki is the Acting Director of Applied Research and Capability Building and serves as the Reference Laboratory Manager at the WOAH Collaborating Center for Camel Diseases and Quality Management Systems under ADAFSA. He has led several strategic initiatives, including the One Health Program and the Abu Dhabi Agri-Genome Project, aimed at enhancing animal health, genetic improvement, and disease control. Mohammed also played a key role in establishing the Reference Center for Livestock Health and Management, supporting evidence-based policies and capacity development to strengthen the UAE's livestock sector and food security framework.

邓兴梅 (Assoc. Prof. Xingmei Deng)

石河子大学
Shihezi University

邓兴梅，博士，副教授，硕士生导师，石河子大学动物科技学院动物医学系专任教师。绵羊健康养殖与人兽共患病防控协同创新中心骨干成员，新疆维吾尔自治区天池英才，主持厅局级以上各类研究课题 3 项，发表学术论文 10 余篇，主编或参编教材 2 部；获国家或国际授权专利 4 项，目前主要从事人兽共患病与食源性致病菌致病机制及防控工作。

Dr. Xingmei Deng, Associate Professor, Master's Supervisor, and full-time faculty member in the Department of Veterinary Medicine, College of Animal Science and Technology, Shihezi University. A key member of the Collaborative Innovation Center for Healthy Sheep Farming and Zoonotic Disease Prevention and Control, and a Xinjiang Uygur Autonomous Region Tianchi Talent, she has led three research projects at or above the bureau level, published over ten academic papers, and edited or co-edited two textbooks. She holds four national and international patents. She is currently focused on the pathogenic mechanisms and prevention of zoonoses and foodborne pathogens.

王娟 (Assoc. Prof. Juan Wang)

西北农林科技大学
Northwest A&F University

王娟，博士，副教授，博士生导师。2015 年获爱尔兰都柏林大学博士学位。目前在西北农林科技大学 - 动物医学院 - 农业农村部反刍动物重大疫病防控重点实验室（西部）从事兽医传染病的教学和科研工作。研究方向为细菌耐药性和致病性及控制技术。先后主持国家自然科学基金 2 项，陕西省重点研发项目及其他省部级课题 10 余项。发表科研论文 100 余篇，包括 Journal of Hazardous Materials、mSystems、Veterinary Microbiology、iMetaOmics、Food Microbiology 等期刊。担任第二届全国兽药残留与耐药性控制专家委员会委员、陕西省微生物学会第九届理事会理事、iMeta 期刊青年编委等。

Juan Wang, Ph.D., Associate Professor, Doctoral Supervisor. She obtained her Ph.D. degree from University College Dublin, Ireland in 2015. Currently, she is engaged in teaching and scientific research on veterinary infectious diseases at the Key Laboratory of Ruminant Major Disease Prevention and Control (West China) of the Ministry of Agriculture and Rural Affairs, College of Veterinary Medicine, Northwest A&F University. Her research focuses on bacterial drug resistance, pathogenicity, and control technologies. She has successively presided over 2 National Natural Science Foundation projects, more than 10 key R&D projects of Shaanxi Province and other provincial-level projects. She has published over 100 scientific research papers in journals such as Journal of Hazardous Materials, mSystems, Veterinary Microbiology, iMetaOmics, and Food Microbiology. She holds positions including Member of the 2nd National Expert Committee on Veterinary Drug Residue and Resistance Control, Director of the 9th Council of Shaanxi Society for Microbiology, and Young Editorial Board Member of the iMeta journal.

闫鸿斌 (Assoc. Prof. Hongbin Yan)

中国农业科学院兰州兽医研究所
Lanzhou Veterinary Research Institute of CAAS

闫鸿斌，博士，副研究员，硕士研究生导师，中国农业科学院兰州兽医研究所。长期以来主要从事棘球蚴的发育与致病机理研究和诊断技术与疫苗等防控技术研究。近年来，主持国家自然科学基金项目、十三五和十四五重点研发项目子课题等项目多项，参加国家级项目多项；发表科技论文 110 余篇，其中 SCI 收录论文 80 余篇，以第一作者或通讯作者发表 SCI 论文 30 余篇；（副）主编著作一部《棘球蚴病》；参与修订农业行业标准 1 项；获得授权国家发明专利 9 项；获得甘肃省自然科学三等奖和科技进步三等奖各 1 项。

Hongbin Yan, PhD, Associate Professor, supervisor of postgraduate, Lanzhou Veterinary Research Institute, Chinese Academy of Agricultural Sciences. For a long time, he has been mainly engaged in research on the development and pathogenic mechanism of Echinococcus, as well as research on prevention and control technologies such as diagnostic techniques and vaccines. He has chaired several research projects with national, ministerial or provincial-level funds, and participated in several research projects with national funds. He has published more than 110 scientific papers, among which over 80 are SCI-indexed. He has authored or co-authored more than 30 SCI papers as the first author or corresponding author. He served as the (co-)editor-in-chief of one monograph Echinococcosis. He participated in the revision of 1 agricultural industry standard, obtained 9 authorized national invention patents, and won one Third Prize of Natural Science and one Third Prize of Scientific and Technological Progress in Gansu Province respectively.

Adehanom Baraki Tesfaye

Doctoral student, Lanzhou Veterinary Research Institute of CAAS

Adehanom Baraki Tesfaye, Doctoral student at Lanzhou Veterinary Research Institute of CAAS, Gansu, China . He worked such as researcher and research assistant on Tropical animal diseases, endemic and epidemic diseases. Published more than 15 basic research articles related to major Ruminant disease and animal production as PI and co-PI. He's research interested in Diagnostic kit and Vaccine development, AMR, Molecular epidemiology of Ruminant Bacterial diseases. He is research on "Recombinant subunit vaccine development against Pasteurella multocida in sheep and goats" work under supervision of professor Chu Yuefeng, Bacterial disease of grazing animals research team at Lanzhou veterinary research institute, CAAS, china