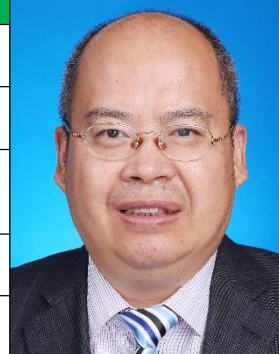


CURRICULUM VITAE

Personal Information			
Name	Xunping Jiang	Gender	Man
Position Title	Professor, PhD supervisor		
Working Department	College of Animal Science and Technology in Huazhong Agricultural University		
Email	xpjiang@mail.hzau.edu.cn		
Address	College of Animal Science and Technology in Huazhong Agricultural University, Wuhan 430070, P.R. China		
Tel	+86-27-87585120	Fax	+86-27-87585120
Research Interest			
<ol style="list-style-type: none">1、 Genetics and Breeding of Meat Sheep: Specializing in the genetic enhancement of meat sheep breeds, with a focus on improving production traits and adaptability.2、 Reproductive Biology and Gene Function: Deep diving into the reproductive axis to uncover genetic mechanisms that influence fertility and reproductive efficiency in sheep.3、 Digital Transformation of the Sheep Industry: Advancing the use of bioinformatics and artificial intelligence to revolutionize sheep farming through data-driven insights, predictive modeling, and smart management systems.			
Education & Working Experience			
Education Experience			
PhD in Animal Genetics, Breeding and Reproduction, Nanjing Agricultural University, Nanjing, China. 1998.09-2001.06			
Master in Animal Genetics, Breeding and Reproduction, Sichuan Agricultural University, Sichuan, China. 1992.09-1995.06			
Bachelor in Animal Husbandry, Sichuan Agricultural University, Sichuan, China. 1988.09-1992.06			
Working Experience			
Professor, College of Animal Science and Technology, Huazhong Agricultural University, 2003.07-now			
Visiting scholar, National Center for Biotechnology Information, University of Copenhagen, 2007.07-2008.06			
Postdoctoral Researcher, College of Animal Science and Technology, Huazhong Agricultural University, 2001.09-2003.07			
Teaching Assistant, Lecturer, Associate Professor, Institute of Animal Husbandry Veterinary, Yangzhou University, 1995.09-2003.08			
Publications			



1. Sun Ling, Guiqiong Liu, Huiguo Yang, **Xunping Jiang** (*), Junrui Liu, Xu Wang, Han Yang, and Shiping Yang. 2023. LAD-RCNN: A Powerful Tool for Livestock Face Detection and Normalization. *Animals* 2023. 13(9): 1446 <https://doi.org/10.3390/ani13091446>
2. Yuqing Chong (#), **Xunping Jiang** (#), Guiqiong Liu (*). (2022). An ancient positively selected BMPRIIB missense variant increases litter size of Mongolian sheep populations following latitudinal gradient. *Molecular Genetics and Genomics* (2022) 297:155–167. <https://doi.org/10.1007/s00438-021-01828-4>
3. Yi Ding (#), Guiqiong Liu (#), Fanmei Zeng, Yinan Yan, Haijing Jing, **Xunping Jiang** (*). Adrenal gland responses surgical castration and immunocastration by different compensatory manners to increase DHEA secretion. *Animal Biotechnology*, 2021 Dec 14:1-8. doi: 10.1080/10495398.2021.2007116.
4. Qiusong Guo (#), Ling Sun (#), Guiqiong Liu, Xunping Jiang (*), Junrui Liu, Jihua Li, Zhuo Chen. 2021. **MSBBS: a sheep breeding system based on blockchain**. *Small Ruminant Research*, 205(3),106562 doi: <https://doi.org/10.1016/j.smallrumres.2021.106562>
5. Teketay Wassie(#), Fanmei Zeng(#), **Xunping Jiang**(*), Guiqiong Liu, Hailati Kasimu, Sun Ling, Shishay Girmay (2020) Effect of Kisspeptin-54 immunization on performance, carcass characteristics, meat quality and safety of Yiling goats, *Meat Science*, 166, 108139.
6. Dongdong Bo (#), **Xunping Jiang** (#), Guiqiong Liu (*), Feng Xu, Ruixue Hu, Teketay Wassie, Yuqing Chong, Sohail Ahmed, Chenhui Liu, Shishay Girmay (2020). Multipathway synergy promotes testicular transition from growth to spermatogenesis in early-puberty goats. *BMC Genomics*, 21, 372.
7. Teketay Wassie (#), Fanmei Zeng, **Xunping Jiang** (*), Guiqiong Liu, Shishay Girmay, Min Zhang, Chenhui Liu, Dong Dong Bo, Sohail Ahmed (2019). Recombinant B2L and Kisspeptin-54 DNA Vaccine Induces Immunity Against Orf Virus and Inhibits Spermatogenesis in Rats. *Scientific Reports*, 9:1-11.
8. Chenhui Liu (#), **Xunping Jiang** (#), Guiqiong Liu(*), Teketay Wassie and Shishay Girmay (2019). An Ancient Mutation in the TPH1 Gene is Consistent with the Changes in Mammalian Reproductive Rhythm. *International Journal of Molecular Science*. 20, 6065.
9. Birhanu Tesema (#), Jiayu Zhao, **Xunping Jiang**(*), Guiqiang Liu, Yanguo Han Teketay Wassie (2019). Kisspeptin Recombinant Oral Vaccine: A Master Gene Vaccine Inhibiting the Reproductive Physiology and Behavior of Ram Lambs. *Vaccine*, 37:4630-4636.
10. Girmay Shishay (#), Guiqiong Liu(#), **Xunping Jiang**(*), Yun Yu, Wassie Teketay, Dandan Du , Huang Jing, Chenghui Liu (2019) Variation in the Promoter Region of the MC4R Gene Elucidates the Association of Body Measurement Traits in Hu Sheep. *International Journal of Molecular Science*. 20, 240.