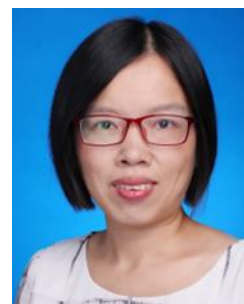


# CURRICULUM VITAE

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Research Interest			
<p>Current research focus on understanding molecular regulation mechanism of pig complex traits, interaction of virus and host, animal stem cell and transgenic research.</p>			
Education & Working Experience			
<b>Education Experience</b>			
2002.9----2007.6	Ph.D., Animal Genetics, Breeding and Reproduction Huazhong Agricultural University, Wuhan, P. R. China		
1998.9----2002.6	B.S., Aquaculture Science, Huazhong Agricultural University, Wuhan, P. R. China		
<b>Working Experience</b>			
2013.1----now	Associate professor, College of Veterinary Medicine, Huazhong Agricultural University, Wuhan P. R. of China		
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2007.7----2012.12	Lecturer, College of Veterinary Medicine, Huazhong Agricultural University, Wuhan P. R. of China		



## Publications

1. Zhou C, Zhang L, Xu D, Ding H, Zheng S, **Liu M\***. MeDIP-seq and RNA-seq analysis during porcine testis development reveals functional DMR at the promoter of LDHC. *Genomics*. 2022 Sep;114(5):110467. doi: 10.1016/j.ygeno.2022.110467. Epub 2022 Aug 27. PMID: 36041633.
2. Zhang L, Zhou C, Jiang X, Huang S, Li Y, Su T, Wang G, Zhou Y, **Liu M**, Xu D\*. Circ0001470 Acts as a miR-140-3p Sponge to Facilitate the Progression of Embryonic Development through Regulating PTGFR Expression. *Cells*. 2022 May 25;11(11):1746. doi: 10.3390/cells11111746. PMID: 35681442; PMCID: PMC9179393.
3. You X, Qu Y, Zhang Y, Huang J, Gao X, Huang C, Luo G, Liu Q, **Liu M\***, Xu D\*. Mir-331-3p Inhibits PRRSV-2 Replication and Lung Injury by Targeting PRRSV-2 ORF1b and Porcine TNF- $\alpha$ . *Front Immunol*. 2020 Sep 25; 11: 547144.
4. Su T, Yu H, Luo G, Wang M, Zhou C, Zhang L, Hou B, Zhang C, **Liu M\***, Xu D\*. The Interaction of lncRNA XLOC-2222497, AKR1C1, and Progesterone in Porcine Endometrium and Pregnancy. *Int J Mol Sci*. 2020 May 2;21(9):3232.
5. Ding H<sup>#</sup>, **Liu M<sup>#</sup>**, Zhou C, You X, Su T, Yang Y, Xu D; Integrated analysis of miRNA and mRNA expression profiles in testes of Duroc and Meishan boars, *BMC Genomics*, 2020 Oct 2; 21(1): 686.
6. Ding H, **Liu M\***, Zhou C, You X, Suo Z, Zhang C, Xu D\*. Expression and regulation of GnRHR2 gene and testosterone secretion mediated by GnRH2 and GnRHR2 within porcine testes. *J Steroid Biochem Mol Biol*. 2019 Jun;190:161-172. doi: 10.1016/j.jsbmb.2019.03.010. Epub 2019 Mar 28. PMID: 30930217.
7. Ding H, Luo Y, **Liu M\***, Huang J, Xu D\*. Histological and transcriptome analyses of testes from Duroc and Meishan boars. *Sci Rep*. 2016, 11; 6:20758.
8. **Liu M**, Ling X, Xiong Y, Xu D\*. Molecular characterization of differentially expressed TXNIP gene and its association with porcine carcass traits. *Mol Biol Rep*. 2012 Dec; 39(12):10439-46.
9. **Liu M**, Xu DQ, Peng J, Zheng R, Li F, Jiang SW. cDNA cloning and characterization of 5' upstream promoter region of porcine mef2c gene. *Mol Biol Rep*. 2011 Oct; 38(7):4723-30.
10. **Liu M**, Peng J, Xu DQ, Zheng R, Li FE, Li JL, Zuo B, Lei MG, Xiong YZ, Deng CY, Jiang SW. Association of MYF5 and MYOD1 gene polymorphisms and meat quality traits in large white $\times$ Meishan F2 pig populations. *Biochemical Genetics*. 2008, 46: 720-732.
11. **M Liu**, J Peng, DQ Xu, R Zheng, FE Li, JL Li, B Zuo, MG Lei, YZ Xiong, CY Deng and SW Jiang. Associations of polymorphisms in MYF5 gene with meat quality traits in Different Pig Populations. *Genetics and Molecular Biology*. 2007, 30(2): 370-374.
12. **M Liu**, J Peng, DQ Xu, R Zheng, FE Li, JL Li, B Zuo, MG Lei, YZ Xiong, CY Deng, and SW Jiang. Association analyses of polymorphisms in porcine MYF5 and MYOD1 genes with carcass traits. *Australian Journal of Agricultural Research*. 2007, 18(11): 1040-1045.
13. D.Q. Xu, **M. Liu**, Y.Z. Xiong, C.Y. Deng, S.W. Jiang, J.L. Li, B. Zuo, M.G. Lei, F.E. Li and R. Zheng, Identification of polymorphisms and association analysis with meat quality traits in the porcine KIAA1717 and HUMMLC2B genes. *Livestock Science*, 2007, 106: 96-101.
14. Xu D Q, Xiong Y Z, Ling X F, Lan J, **Liu M**, Deng C Y, Jiang S W, Lei M G. Identification of a differential gene HUMMLC2B between F1 hybrids Landrace $\times$ Yorkshire and their female parents

Yorkshire. *Gene*, 2005, 352: 118-126.

15. Xu DQ, Xiong YZ, **Liu M**, Lan J, Ling XF, Deng CY, Jiang SW. Association analyses with carcass traits in the porcine KIAA1717 and HUMMLC2B genes. *Asian-Aust J Anim Sci*. 2005, 18(11): 1519-1523.
16. J. F. Chen, L. H. Dai, J. Peng, J. L. Li, R. Zheng, B. Zuo, F. E. Li, **M. Liu**, K. Yue, M. G. Lei, Y. Z. Xiong, C. Y. Deng and S. W. Jiang. New Evidence of Alleles (V199I and G52S) at the PRKAG3 (RN) Locus Affecting Pork Meat Quality. *Asian-Aust. J. Anim. Sci.* 2008, 21(4): 471-477.
17. HUANG Chengyu, XU Dequan, FENG Zhe, ZHOU Ling, LIU Min. The Addition of Melatonin Reduces the Oxidative Damage of Pig Spermatogonial Stem Cells[J]. *Acta Veterinaria et Zootechnica Sinica*, 2021, 52(7): 1880-1890.
18. DING Hai-sheng, XU De-quan, LUO Yan, LIU Min. Histological Comparison and mRNA Expression Analysis of Porcine Seminal Protein on Accessory Glands of Duroc and Meishan Boars[J]. *ACTA VETERINARIA ET ZOOTECHNICA SINICA*, 2016, 47(8): 1714-1719.