

CURRICULUM VITAE

Personal Information					
Name	Zuo Bo		Gender	Male	
Position Title		Professor			
Working Department		Department of Animal Genetics and Breeding			
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Research Interest					
1. Molecular regulation mechanism of animal muscle development					
2. Identification of major genes affecting pig economically important traits					
3. Genome editing and generation of genetically modified pig					
4. Pig breeding and production					
Education & Working Experience					
Professor, College of Animal Science and Veterinary Medicine, Huazhong Agricultural University, 2011-now					
Postdoctoral Researcher, School of Veterinary Medicine and Science, University of Nottingham, UK, 2009-2010					
Associate professor, College of Animal Science and Veterinary Medicine, Huazhong Agricultural University, 2005-2011					
Lecturer, College of Animal Science and Veterinary Medicine, Huazhong Agricultural University, 2004-2005					
Ph. D. in Animal Genetics, Breeding and Reproduction, College of Animal Science and Veterinary Medicine, Huazhong Agricultural University, 1999-2004					
B.S. in Animal Science, College of Animal Science and Technology, Qingdao Agricultural University, 1995-1999					
Publications					
1. Lv W [#] , Jin J [#] , Xu Z, Luo H, Guo Y, Wang X, Wang S, Zhang J, Zuo H, Bai W, Peng Y, Tang J, Zhao S, Zuo B* . lncMGPF is a novel positive regulator of muscle growth and regeneration. <i>J Cachexia Sarcopenia Muscle</i> , 2020. doi: 10.1002/jcsm.12623.					
2. Wang S [#] , Jin J [#] , Xu Z, Zuo B* . Functions and Regulatory Mechanisms of lncRNAs in Skeletal Myogenesis, Muscle Disease and Meat Production. <i>Cells</i> , 2019, 8(9):1107.					
3. Wang S, Zuo H, Jin J, Lv W, Xu Z, Fan Y, Zhang J, Zuo B* . Long noncoding RNA Neat1 modulates myogenesis by recruiting Ezh2. <i>Cell Death Dis</i> , 2019, 10(7):505.					
4. Jin JJ [#] , Lv W [#] , Xia P; Xu ZY; Zheng AD; Wang XJ; Wang SS; Zeng R; Luo HM; Li GL; Zuo B* ; Long noncoding RNA SYISL regulates myogenesis by interacting with polycomb repressive complex 2, <i>Proc Natl Acad Sci U S A</i> , 2018, 115(42): E9802-E9811.					
5. Yiwen Guo; Jingnan Wang; Mingfei Zhu; Rui Zeng; Zaiyan Xu; Guoliang Li; Bo Zuo* ; Identification of MyoD-Responsive Transcripts Reveals a Novel Long Non-coding RNA (lncRNA-AK143003) that					

Negatively Regulates Myoblast Differentiation, *Scientific Reports*, 2017, 7(1): 2828.

6. Yunxia Zhang; Wentao Li; Mingfei Zhu; Yuan Li; Zaiyan Xu*; **Bo Zuo***; FHL3 differentially regulates the expression of MyHC isoforms through interactions with MyoD and pCREB, *Cellular Signalling*, 2016, 28(1): 60-73.
7. Fei Ying; Liang Zhang; Guowei Bu; Yuanzhu Xiong; **Bo Zuo***; Muscle fiber-type conversion in the transgenic pigs with overexpression of PGC1 α gene in muscle, *Biochemical and Biophysical Research Communications*, 2016, 480(4): 669-674.