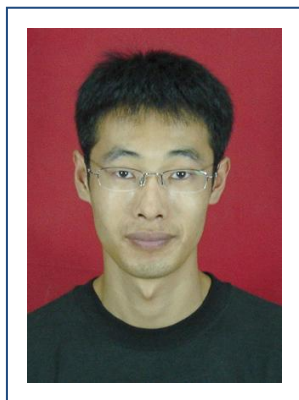


郭 锋



基本信息

职称职务：讲师 硕士生导师

学科专业：畜牧学

出生年月：1983.11

联系方式

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学习和工作简历

按照日期倒序

2014. 6-至今： 河南科技学院, 讲师；

2009. 9-2013. 12: 南京农业大学动物医学院，博士学位；

2007. 9-2009. 7: 南京农业大学 动物医学院攻读硕士学位, 于 2009
年 7 月转博；

2003. 9-2007. 6: 山西农业大学 动物科技学院，理学学士学位。

主要教学情况

承担“生物统计附试验设计”和“动物育种学”两门本科生课程，以及“动物资源保护利用与动物福利”和“基因工程原理”两门研究生课程。

主要研究方向

- 1) 动物分子遗传与育种；
- 2) 动物生长调控。

主要承担项目

- 1) 以项目主持人身份获得国家自然科学基金青年科学基金资助一项，“LncRNA gga-lnc-0181 对胚胎期肉鸡骨骼肌发育的影响及机制研究”，以及河南省教育厅项目一项，“抗菌肽 JH-3 对 AA 肉鸡生长和抗病力的影响及机制研究”；
- 2) 以主要参与人身份参与国家自然科学基金青年科学基金项目一项，

“FTO 在 LPS 引起的肉鸡肝脏脂代谢紊乱中的作用研究”。

代表性论著

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- 2) **Feng Guo**, Yanhong Zhang, Chunxiao Zhang, Song Wang, Yingdong Ni, Ruqian Zhao. Fat mass and obesity associated (FTO) gene regulates gluconeogenesis in chicken embryo fibroblast cells. **Comp Biochem Physiol A**. 2015,179:149-56.
- 3) **Feng Guo**, Yanhong Zhang, Abdelkareem A. Ahmed, Yingdong Ni, Ruqian Zhao. Breed-dependent transcriptional regulation of PEPCK-c expression in the liver of broiler chickens. **Poultry Science**. 2013, 92:2737-2744.
- 4) Yanhong Zhang, **Feng Guo**, Ruqian Zhao. Hepatic expression of FTO and fatty acid metabolic genes changes in response to lipopolysaccharide with alterations in m(6)A modification of relevant mRNAs in the chicken. **British Poultry Science**. 2016, 57(5):628-635.
- 5) Yanhong Zhang, **Feng Guo**, Yingdong Ni, Ruqian Zhao. LPS-induced inflammation in the chicken is associated with CCAAT/enhancer binding protein beta-mediated fat mass and obesity associated gene down-regulation in the liver but not hypothalamus. **BMC Veterinary Research**. 2013, 9:257.
- 6) Wang S, Ni Y, **Guo F**, Sun Z, Ahmed A, Zhao R. Differential expression of hypothalamic fear- and stress-related genes in broiler chickens showing short or long tonic immobility. **Domest Anim Endocrinol**. 2014, 47:65-72.
- 7) Song Wang, Yingdong Ni, **Feng Guo**, Wenyan Fu, R. Grossmann, Ruqian Zhao. Effect of corticosterone on growth and welfare of broiler chickens showing long or short tonic immobility. **Comp Biochem Physiol A**. 2013, 164(3):537-43.
- 8) Lanli Su, Kaiqing Rao, **Feng Guo**, Abdelkareem A. Ahmed, Yingdong Ni, Roland Grossmann, Ruqian Zhao. In ovo leptin administration inhibits chorioallantoic membrane angiogenesis in female chicken embryos through the STAT3-mediated vascular endothelial growth factor (VEGF) pathway. **Domestic Animal Endocrinology**. 2012, 43:26-36.
- 9) Abdelkareem A. Ahmed, Wenqiang Ma, **Feng Guo**, Yingdong Ni, Roland Grossmann, Ruqian Zhao. Differences in egg deposition of corticosterone and embryonic expression of corticosterone metabolic enzymes between slow and fast growing broiler chickens. **Comp Biochem Physiol A**. 2012, 164(1): 2006.
- 10) Lina Wang, **Feng Guo**, Shi Wei, Ruqian Zhao. Divergent effects of GLP-1 analogs exendin-4 and exendin-9 on the expression of myosin heavy chain isoforms in C2C12 myotubes. **Peptides**. 2011, 32(6):1313-9.
- 11) Huitao Fan, Lina Wang, **Feng Guo**, Shi Wei, Ruqian Zhao. Neonatal

intramuscular injection of plasmid encoding glucagon-like peptide-1 affects anxiety behaviour and expression of the hippocampal glucocorticoid receptor in adolescent rats. **J. Biosci.** **2010**, 35(1): 63-71.

- 12) Lina Wang, **Feng Guo**, Shi Wei, Ruqian Zhao. Neonatal Intramuscular Injection of Plasmid DNA Encoding GLP-1 Reduces Serum Insulin level and Modifies Skeletal Muscle Myosin Heavy Chain Composition in Adult Rats. **Physiol. Res.** **2009**, 59(4): 571-9.
- 13) 郭锋, 武琪, 胡斌, 王邦娟, 赵子曼, 贾梦岩, 李哲, 张艳红. IBDV 引起肉鸡法氏囊凋亡相关基因表达的机制研究. 西北农林科技大学学报 (自然科学版), 2020, 48 (8): 37-49.

主要奖励荣誉

2017 年, 获河南省教育厅科技成果一等奖一项。

校文明家庭 2 次。