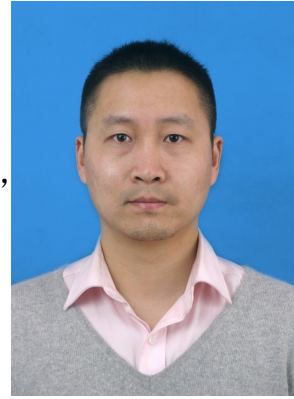


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学习工作经历:

2006/09-2012/12, 南京农业大学, 动物医学院基础兽医系, 博士,  
导师, 赵茹茜教授  
2001/09-2005/06, 西南农业大学, 动物科技学院动物医学系学士  
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主持或参加科研项目 (课题)

1. 国家自然科学基金青年基金项目, 31402161, 日粮中添加亚精胺对断奶仔猪肌肉生长抑素表达的影响及其表遗传调控机制, 2015/01 -2017/12, 22万元, 在研, 主持
2. 江苏省自然科学基金青年基金项目, BK20140692, 母源性亚精胺对新生仔猪肝脏自噬的影响及其表遗传机制, 2014/7-2017/7, 20万元, 在研, 主持
3. 农业部农产品质量安全监管(饲料)项目, 蛋氨酸羟基类似物保育猪的安全性评价, 2014/01 -2014/12, 25万元, 结题, 主持
4. 国家自然科学基金面上项目, 31572482, 炎症状态下GR和NF-KB介导的猪脂肪组织ZAG转录调控研究, 2016/01-2019/12, 65万元, 在研, 参加。
5. 国家自然科学基金青年项目, 20873999, 细菌内毒素干扰TFAM线粒体定位诱发猪精子氧化损伤的分子机制, 2016/01-2018/12, 20万元, 在研, 参加

论文发表:

(1) Jia Y#, Hong J#, Li H, Hu Y, Jia L, Cai D, Zhao R\*. Butyrate stimulates adipose lipolysis and mitochondrial oxidative phosphorylation through histone hyperacetylation-associated  $\beta(3)$ -adrenergic receptor activation in high-fat diet-induced obese mice. *Exp Physiol.* 2017 Feb 1;102(2):273-281.

(2) Jia Y, Ling M, Zhang L, Jiang S, Sha Y, Zhao R\*. Downregulation of miR-150 Expression by DNA Hypermethylation Is Associated with High

2-Hydroxy-(4-methylthio)butanoic Acid-Induced Hepatic Cholesterol Accumulation in Nursery Piglets. *J Agric Food Chem.* 2016 Oct 12;64(40):7530-7539.

(3) Hong J#, Jia Y#, Pan S, Jia L, Li H, Han Z, Cai D, Zhao R\*. Butyrate alleviates high fat diet-induced obesity through activation of adiponectin-mediated pathway and stimulation of mitochondrial function in the skeletal muscle of mice. *Oncotarget.* 2016 Aug 30;7(35):56071-56082.

(4) Jia Y, Song H, Gao G, Cai D, Yang X, Zhao R\*. Maternal Betaine Supplementation during Gestation Enhances Expression of mtDNA-Encoded Genes through D-Loop DNA Hypomethylation in the Skeletal Muscle of Newborn Piglets. *J Agric Food Chem.* 2015 Nov 25;63(46):10152-60.

(5) Jia Y, Gao G, Song H, Cai D, Yang X, Zhao R\*. Low-protein diet fed to crossbred sows during pregnancy and lactation enhances myostatin gene expression through epigenetic regulation in skeletal muscle of weaning piglets. *Eur J Nutr.* 2016 Apr;55(3):1307-14.

(6) Jia Y, Li R, Cong R, Yang X, Sun Q, Parvizi N, Zhao R\*. Maternal low-protein diet affects epigenetic regulation of hepatic mitochondrial DNA transcription in a sex-specific manner in newborn piglets associated with GR binding to its promoter. *PLoS One.* 2013 May 14;8(5):e63855. doi: 10.1371/journal.pone.0063855.

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