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## 人才队伍

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## 副研究员

### 郑爱娟

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**郑爱娟 饲料资源与生物转化创新团队**

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1977年出生, 中国农业科学院研究生院毕业, 获博士学位。中国农业科学院饲料研究所副研究员, 硕士生导师。

#### 科研情况

主持国家自然科学基金和省部级课题3项; 主持企业委托技术服务和技术研发课题17项。作为主要参加人参与国家和省部级课题研究11项。获国家发明专利授权6项; 获中国农业科学院科学技术成果二等奖1项; 获北京市科学技术奖三等奖1项; 获北京市科学技术奖二等奖1项。参与编写《饲料添加剂研究与应用新技术》著作1部。起草团体标准1项。参与发表SCI论文40余篇, 其中以第一作者或通讯作者发表SCI文章10余篇。参与发表中文核心期刊论文50余篇, 其中以第一作者或通讯作者发表中文核心期刊文章20篇。

#### 主要成果代表

Zheng Aijuan, Zhang Anrong, Chen Zhimin, Shoaib Ahmed Pirzado, Chang Wenhuan, Cai Huiyi, Wayne L. Bryden, Liu Guohua. Molecular mechanisms of growth depression in broiler chickens ( *Gallus gallus domesticus* ) mediated by immune stress: A hepatic proteome study. *Journal of Animal Science and Biotechnology*, 2021, 12:90. (第一作者)

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Zheng, A.J., Chang,W., Hou,S., et al. Unraveling molecular mechanistic differences in liver metabolism between lean and fat lines of Pekin duck. 2014. A proteomic study. *Journal of Proteomics*. 98(0): 271-288. (第一作者)

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ChongL, HuiyiCai, ShuzhenLi, GuohuaLiu, XuejuanDeng, Wayne L.Bryden, Aijuan Zheng\*. Comparing the potential of *Bacillus amyloliquefaciens* CGMCC18230 with antimicrobial growth promoters for growth performance, bone development, expression of phosphorus transporters, and excreta microbiome in broiler chickens. *Poultry Science*, 2022, 101 (11):102126; doi: 10.1016/j.psj.2022.102126. (通讯作者)



