

## Assistant Researcher BAI Hao

College	College of Animal Science & Technology
Current Position	Assistant Researcher
Types of Tutor	Master Tutor
Language	Chinese/English
Education	Institute of Animal Science, Chinese Academy of Agricultural Sciences, Ph.D. University of Maryland, College Park, MD, USA, Joint Ph.D.
Research Interests	(1) Evaluation, protection and utilization of poultry resources (2) Genetic mechanism of important economic and disease resistant traits in poultry (3) Bioinformatics, quantitative genetics and population genetics
Selected Publications	<p><b>Bai H</b>, He YH, Ding Y, Carrillo JA, Selvaraj RK, Zhang HM, Chen JL, Song JZ*. Allele-Specific Expression of CD4+ T Cells in Response to Marek's Disease Virus Infection. <i>Genes</i>, 2019, 10(9), 718.</p> <p><b>Bai H</b>, He YH, Ding Y, Chang S, Zhang HM*, Chen JL*, Song JZ*. Parent-of-origin has no detectable effect on survival days of Marek's disease virus infected White Leghorns. <i>Poultry Science</i>, 2019, 98(10): 4498–4503.</p> <p><b>Bai H</b>, Sun Y, Liu N, Xue FG, Li YL, Xu SS, Ye JH, Zhang L, Chen Y, Chen JL*. Single SNP- and Pathway-Based Genome-Wide Association Studies for Beak Deformity in Chickens using High-density 600K SNP Arrays. <i>BMC Genomics</i>, 2018, 19: 501.</p> <p><b>Bai H</b>, Sun Y, Liu N, Liu YF, Xue FG, Li YL, Xu SS, Ni AX, Ye JH, Chen Y and Chen JL*. Genome-Wide Detection of CNVs Associated with Beak Deformity in Chickens Using High-density 600K SNP</p>

	<p>Arrays. <i>Animal Genetics</i>, 2018, 49: 226-236.</p> <p><b>Bai H</b>, Sun Y, Zhu J, Liu N, Li DL, Xue FG, Li YL, Chen JL*. Study on LOC426217 as a candidate gene for beak deformity in chicken. <i>BMC Genetics</i>, 2016, 17: 44.</p> <p><b>Bai H</b>, Zhu J, Sun Y, Liu RR, Liu N, Li DL, Wen J, Chen JL*. Identification of Genes Related to Beak Deformity of Chickens Using Digital Gene Expression Profiling. <i>PLoS ONE</i>, 2014, 9(9): e107050.</p>
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