CURRICULUM VITAE

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Name	Jingyi Li	Gender	M	I ale
Posi	tion Title	Associated Researcher		
Working	g Department	Smart Animal Husbandry		
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Research Interest

Avian genetics and breeding: Morphological traits gene mapping, Resilience of layers, Breeding for commercial layer lines.

Professional Memberships

Other Roles

Education & Working Experience

2017-2020 PostDoc in Veterinary Medicine & Biomedical Sciences, Texas A&M 2013-2017 Ph.D. student in Poultry Genetics, Virginia Tech

2010- 2012 M.S. in Animal Genetics and Breeding, China Agricultural University

2006-2010 B.S. in Animal Science, China Agricultural University

Publications

Kejun Wang#, Guoying Hua#, **Jingyi Li**#, et al. Duck pan-genome reveals two transposon insertions caused bodyweight enlarging and white plumage phenotype formation during evolution. iMETA, 2023, 3: e154.

Jingyi Li, et al. Cis-acting mutation affecting GJA5 transcription is underlying the Melanotic within-feather pigmentation pattern in chickens. Proceedings of the National Academy of Sciences, 2021, 118:1-9.

Jingyi Li, et al. The crest phenotype in domestic chicken is caused by a 195 bp duplication in the intron of *HOXC10*. G3 Genes| Genomes| Genetics, 2021, 11: jkaa048.

Jingyi Li, et al. Mutations upstream of the TBX5 and PITX1 transcription factor genes are associated with feathered legs in the domestic chicken. Molecular Biology & Evolution, 2020, 37:2477-2486.

Jingyi Li, et al. A missense mutation in TYRP1 causes the chocolate plumage color in chicken and alters

melanosome structure. Pigment Cell & Melanoma Research, 2019, 32:381-390. **Jingyi Li**, et al. Characterization of the endogenous retrovirus insertion in CYP19A1 associated with henny feathering in chicken. Mobile DNA, 2019, 10:1-8.