

CURRICULUM VITAE

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Research Interest				
<ul style="list-style-type: none"> ▪ The molecular pathways of immune inflammatory responses of pathogenic microorganism ▪ Bacterial pathogenic mechanism ▪ Bioinformatics 				
Education & Working Experience				
<ul style="list-style-type: none"> ▪ Professor, Huazhong Agricultural University, Wuhan, China, 11/2019-now ▪ Associate Professor, Huazhong Agricultural University, Wuhan, China, 1/2013-11/2019 ▪ Academic visitor, Veterinary Medicine, University of Cambridge, UK, 5/2013-5/2014 ▪ Lecturer, Huazhong Agricultural University, Wuhan, China, 7/2009-12/2012 ▪ September, 2004~ June, 2009 Ph.D, Laboratory of Animal Infectious Disease, College of Veterinary Medicine, Huazhong Agricultural University, P.R. China 				
Publications				



照片

1. He R, Hua K, Zhang S, Wan Y, Gong H, Ma B, Luo R, Zhou R, Jin H*. COX-2 mediated crosstalk between Wnt/β-catenin and the NF-κB signaling pathway during inflammatory responses induced by *Haemophilus parasuis* in PK-15 and NPT_r cells. *Dev Comp Immunol.* 2020 Apr;105:103588.
2. Hua K, Li Y, Zhou H, Hu X, Chen Y, He R, Luo R, Zhou R, Bi D, Jin H*. *Haemophilus parasuis* Infection Disrupts Adherens Junctions and Initializes EMT Dependent on Canonical Wnt/ β -Catenin Signaling Pathway . *Frontiers in Cellular and Infection Microbiology*. 2018, 8:324
3. Hua K, Li Y, Chen H, Ni J, Bi D, Luo R, Jin H*. Functional characterization of duck TBK1 in IFN- β induction. *Cytokine*. 2018, 111:325-333
4. Li Y, Li H, Su N, Liu D, Luo R, Jin H*. Molecular cloning and functional characterization of duck DDX41. *Developmental & Comparative Immunology*. 2018, 88:183-189
5. Ma B, Hua K, Zhou S, Zhou H, Chen Y, Luo R, Bi D, Zhou R, He Q, Jin H*. *Haemophilus parasuis* infection activates NOD1/2-RIP2 signaling pathway in PK-15 cells. *Dev Comp Immunol.* 2017, 79:158-165.
6. Hua K, Li H, Chen H, Foda MF, Luo R, Jin H*. Functional characterization of duck LSm14A in IFN-β induction. *Dev Comp Immunol.* 2017, 76:255-261.
7. Li H, Jin H*, Li Y1, Liu D, Foda MF, Jiang Y, Luo R*. Molecular cloning and functional characterization of duck nucleotide-binding oligomerization domain 1 (NOD1). *Dev Comp Immunol.* 2017, 74:82-89.
8. Chen Y, Zhou S, Hua K, Xiao H, Li Z, Liu M, Luo R, Bi D, Zhou R, Jin H. *Haemophilus parasuis* infection activates chemokine RANTES in PK-15 cells. *Mol Immunol.* 2015, 67(2 Pt B):661-6.
9. Geng Zou, Bernardo Bello-Orti, Virginia Aragon, Alexander W. Tucker, Rui Luo, Pinxing Ren, Dingren Bi, Rui Zhou & Hui Jin. The Cipher Code of Simple Sequence Repeats in “Vampire Pathogens”. *Sci. Rep.* 2015, 5, 12441; doi: 10.1038/srep12441
10. Chen Y, Liu T, Langford P, Hua K, Zhou S, Zhai Y, Xiao H, Luo R, Bi D, Jin H* (co-corresponding author) , Zhou R*. *Haemophilus parasuis* induces activation of NF-κB and MAP kinase signaling pathways mediated by toll-like receptors. *Mol Immunol.* 2015, 65(2), 360–366.
11. Zhai Y, Luo F, Chen Y, Zhou S, Li Z, Liu M, Bi D, Jin H* (corresponding author). Molecular characterization and functional analysis of duck TRAF6. *Dev Comp Immunol.* 2015, 49(1):1-6.
12. Chen Y, Jin H* (co-corresponding author) , Chen P, Li Z, Meng X, Liu M, Li S, Shi D, Xiao Y, Wang X, Zhou Z, Bi D, Zhou R*. *Haemophilus parasuis* infection activates the NF-κB pathway in PK-15 cells through IκB degradation. *Vet Microbiol.* 2012, 160 (1-2):259-263.
13. Wei S, Guo Z, Li T, Zhang T, Li X, Zhou Z, Li Z, Liu M, Luo R, Bi D, Chen H, Zhou R*, Jin H* (co-corresponding author) . Genome sequence of *Mycoplasma iowae* strain 695, an unusual pathogen causing deaths in turkeys. *J Bacteriol.* 2012, 194(2):547-548.
14. Guo Z, Chen P, Ren P, Kuang S, Zhou Z, Li Z, Liu M, Shi D, Xiao Y, Wang X, Zhou R, Jin H* (co-corresponding author) , Bi D*. Genome Sequence of Duck Pathogen *Mycoplasma anatis* Strain 1340. *J Bacterial.* 2011, 193(22):5883-5884.

15. Zhang Z, Hu S, Li Z, Liu M, Guo Z, Li S, Xiao Y, Bi D*, Jin H* (co-corresponding author) . Multiple amino acid substitutions involved in enhanced pathogenicity of LPAI H9N2 in mice. Infection, Genetics and Evolution. Infect Genet Evol. 2011, 11(7):1790-19797.
16. Xie Q#, Jin H# (co-first author) , Luo R, Wan Y, Chu J, Zhou HF, Shi B, Chen HC, Zhou R*. Transcriptional responses of *Haemophilus parasuis* to iron-restriction stress in vitro. Biometals. 2009, 22:907-916.
17. Jin H, Wan Y, Zhou R*, Li LJ, Luo R, Zhang SH, Hu JY, Langford PR, Chen HC. Identification of genes transcribed by *Haemophilus parasuis* in necrotic porcine lung through the selective capture of transcribed sequences (SCOTS). Environ Microbiol, 2008, 10(12): 3326-36.
18. Jin H, Zhou R*, Kang MS, Cai XW, Chen HC. Biofilm formation by field isolates and reference strains of *Haemophilus parasuis*. Vet Microbiol. 2006, 118(1-2): 117-123.