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科研项目：

荣誉奖项：

发明专利：

近年代表性论著：

(1) Xiangkai Zhuge, Fang Tang, Hongfei Zhu, Xiang Mao, Shaohui Wang, Zongfu Wu, Chengping Lu, Jianjun Dai(*), Hongjie Fan(*), AutA and AutR, two novel global transcriptional regulators, facilitate Avian Pathogenic *Escherichia coli* infection. *Scientific Reports* 6:25085.

(2) Xiangkai Zhuge, Zihao Pan, Fang Tang, Xiang Mao, Lin Hu, Shaohui Wang, Chengping Lu, Hongjie Fan, Jianjun Dai(*), The effects of *upaB* deletion and the double/triple deletion of *upaB*, *aatA*, and *aatB* genes on pathogenicity of avian pathogenic *Escherichia coli*, *Applied Microbiology and Biotechnology*, 2015, 2015 (99) : 10639-10654.

(3) Xiangkai ZhuGe, Shaohui Wang, Hongjie Fan, Zihao Pan, Jianluan Ren, Li Yi, Qingmei Meng, Xuqiu Yang, Chengping Lu, Jianjun Dai(*), Characterization and Functional Analysis of AatB, a Novel Autotransporter Adhesin and Virulence Factor of Avian Pathogenic *Escherichia coli*, *Infection and Immunity*, 2013, 81 (7) : 2437-2447.

(4) Xiangkai ZhuGe, Jingwei jiang, Zihao Pan, Lin Hu, Shaohui Wang, Haojin Wang,



Frederick C. Leung, Jianjun Dai(*), Hongjie Fan, Comparative
Genomic Analysis Shows That Avian Pathogenic *Escherichia coli* Isolate IMT5155
(O2:K1:H5;ST Complex 95, ST140) Shares Close Relationship with ST95 APEC
O1:K1 and Human ExPEC O18:K1 Strains, Plos one, 2014, 9 (11) : 1-16.