

Professor ZHU Jianzhong

College	College of Veterinary Medicine
Current Position	Professor
Types of Tutor	Doctoral Tutor
Language	Chinese/English
Education	Nanjing Agriculture University Ph.D. in Preventive Veterinary
Research Interests	Animal innate immunity, Signaling transduction, immune regulation, infection and immunity
Selected Publications	<ol style="list-style-type: none">1. Ao D, Li S, Jiang S, Luo J, Chen N, Meurens F, Zhu J. Inter-relation analysis of signaling adaptors of porcine innate immune pathways. <i>Mol Immunol.</i> 2020 May;121:20-272. Ao D, Xia P, Jiang S, Chen N, Meurens F, Zhu J. Comparative transcriptome analysis of TLR8 signaling cells revealed the porcine TLR8 specific differentially expressed genes. <i>Dev Comp Immunol.</i> 2019 Sep;98:129-136.3. Chen N, Ye M, Huang Y, Li S, Xiao Y,

Li X, Li S, Li X, Yu X, Tian K, Zhu J. Identification of Two Porcine Reproductive and Respiratory Syndrome Virus Variants Sharing High Genomic Homology but with Distinct Virulence.

Viruses. 2019 Sep 18;11(9).

4. Chen N, Xia P, Li S, Zhang T, Wang TT, Zhu J. RNA sensors of the innate immune system and their detection of pathogens. IUBMB Life. 2017 May;69(5):297-304.

5. Zhu J, Ghosh A, Sarkar SN. OASL-a new player in controlling antiviral innate immunity. Curr Opin Virol. (病毒学评论, 影响因子: 6.3 分) 2015; 12C:15-19.

6. Zhu J, Zhang Y, Cuevas R A, Forero A, Dhar J, Ibsen M S, Schmid-Burgk J L, Schmid T, Ganapathiraju M K, Fujit T, Hartmann R, Chen Z J, Barik S, Hornung V, Coyne C B and N. Sarkar S N. Antiviral Activity of Human OASL Protein Is Mediated by Enhancing Signaling of the

	<p>RIG-I RNA Sensor. Immunity, (细胞杂志系列: 免疫, 影响因子: 20 分) 2014 Jun 19;40(6):936-48.</p> <p>7. Zhu J, Ghosh A, Coyle EM, Lee J, Hahm ER, Singh SV, Sarkar SN. Differential effects of phenethyl isothiocyanate and D,L-sulforaphane on Toll-like receptor 3 signaling. Journal of Immunology. (免疫学杂志, 影响因子: 5.7 分) 2013; 190(8):4400-7.</p>
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