

Professor LI Yanhua

College	College of Veterinary Medicine
Current Position	Professor
Types of Tutor	Master Tutor
Language	Chinese/English
Education	Preventive veterinary medicine
Research Interests	The mechanism of animal virus infection and immunity
Selected Publications	<ol style="list-style-type: none">1. Li Y, Brierley I, Firth AE, Snijder EJ, Cai Y, Naphine S, Wang T, Yan X, Kuhn J, Fang Y*. Programmed -2/-1 Ribosomal Frameshifting in Simarteriviruses: An Evolutionarily Conserved Mechanism. Journal of virology, 2019 Jun 5. pii: JVI.00370-19.1.2. Li Y[#]; Shang P[#]; Shyu D; Carrillo C; Naraghi-Arani P; Jaing C. J; Renukaradhya G. J; Firth A. E; Snijder E. J; Fang Y* , Nonstructural proteins nsp2TF and nsp2N of porcine reproductive and respiratory syndrome

virus (PRRSV) play important roles in suppressing host innate immune responses, *Virology*, 201 8.4, 517: 164~176.

3. **Li Y**; Treffers E. E; Naphthine S; Tas A; Zhu L; Sun Z; Bell S; Mark B. L; van Veelen P. A; van Hemert M. J; Firth A. E; Brierley I*; Snijder E. J*; Fang Y*, Transactivation of programmed ribosomal frameshifting by a viral protein, *Proceedings of the National Academy of Sciences of the United States of America*, 2014.5.27, 111(21): E2172~81.

4. **Li Y[#]**; Shyu D. L[#]; Shang P; Bai J; Ouyang K; Dhakal S; Hiremath J; Binjawadagi B; Renukaradhya G. J; Fang Y*, Mutations in a Highly Conserved Motif of nsp1beta Protein Attenuate the Innate Immune Suppression Function of Porcine Reproductive and Respiratory

	<p>Syndrome Virus, Journal of Virology, 2016. 1.20, 90(7): 3584~99.</p> <p>Fang Y*; Treffers E. E; Li Y; Tas A; Sun Z; van der Meer Y; de Ru A. H; van Veelen P. A; Atkins J. F; Snijder E. J*; Firth A. E*, Efficient -2 frameshifting by mammalian ribosomes to synthesize an additional arterivirus protein, Proceedings of the National Academy of Sciences of the United States of America, 2012.10.23, 109(43): E2920~8.</p>
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