

CURRICULUM VITAE

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Research Interest			
elucidating the receptor recognition and replication mechanisms of Coronavirus, thus developing new vaccine and antiviral drugs.			
Education & Working Experience			
Ph.D. Microbiology, June 2007, Wuhan University, Wuhan, China			
MS. Preventive Veterinary Medicine, 2004, Huazhong Agricultural University, Wuhan, P. R. China			
DVM. Veterinary Medicine, 2001, Huazhong Agricultural University, Wuhan, P. R. China			
Publications			



2020

Shang J, Wan Y, Liu C, Yount B, Gully K, Yang Y, Auerbach A, Peng G, Baric R, Li F. Structure of mouse coronavirus spike protein complexed with receptor reveals mechanism for viral entry. *PLoS Pathog.* 2020 Mar 9;16(3):e1008392

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2019

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2018

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Zheng A, Shi Y, Shen Z, Wang G, Shi J, Xiong Q, Fang L, Xiao S, Fu ZF, Peng G*. Insight into the evolution of nidovirus endoribonuclease based on the finding that nsp15 from porcine Deltacoronavirus functions as a dimer. *J Biol Chem.* 2018 Aug 3;293(31):12054-12067.

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2015

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