CURRICULUM VITAE

Personal Information				
Name	Min Cui	Gender	Female	
Position Title		Professor		
Working Department		Department of Preventive Veterinary Medicine, College of Veterinary Medicine		
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Research Interest

The mechanism studies on neuropathogenesis in neurotropic viral infection:

1. To understand molecular and cellular mechanisms for myeloid-derived suppressor cells (MDSCs) in immune evasion;
2. The molecular mechanisms of blood-brain barrier damage in neuropathogenesis;
3. The regulation network of cytokine production during infection-induced neuroinflammation;
4. Then mechanism study on immune evasion of African swine fever virus

Professional Memberships

1. Member of American Association of Immunologists (AAI);
2. American Society for Microbiology (ASM);
3. Chinese Society for Cell Biology (CSCB);
4. Chinese Society for Immunology (CSI)

Other Roles

Executive Editor-in-chief of *Animal Diseases*

Reviewer for *Life Sciences*, *Journal of Clinical Microbiology and Biochemical Technology*, *Scientific Report*, *Virologica Sinica*, etc.

Education & Working Experience

Professor, Preventive Veterinary Medicine, College of Veterinary Medicine, Huazhong Agricultural University. 2018-now

Associate Professor, Preventive Veterinary Medicine, College of Veterinary Medicine, Huazhong Agricultural University. 2010-2017

Postdoctoral Researcher, University of Nebraska Medical Center. 2007-2010

Ph. D. in Cell Biology, Institute of Zoology, Chinese Academy of Sciences, Beijing, China. 2003-2007

Exchange student of joint program between Chinese Academy of Sciences and University of Nebraska Medical Center, University of Nebraska Medical Center, Omaha, USA. 2005-2007

Publications

1. Wang K, Dong S, Higazy D, Jin L, Zou Q, Chen H, Inayat A, Hu S, Cui M*. Inflammatory Environment Promotes the Adhesion of Tumor Cells to Brain Microvascular Endothelial Cells. Front Oncol. 2021 Jun 16;11:691771. doi: 10.3389/fonc.2021.691771. eCollection 2021.
2. Zou SS, Zou QC, Xiong WJ, Cui NY, Wang K, Liu HX, Lou WJ, Higazy D, Zhang YG, Cui M*. Brain Microvascular Endothelial Cell-Derived HMGB1 Facilitates Monocyte Adhesion and Transmigration to Promote JEV Neuroinvasion. Front Cell Infect Microbiol. 2021 Aug 31;11:701820. doi: 10.3389/fcimb.2021.701820. eCollection 2021.
3. Zhang N, Gao X, Zhang W, Higazy D, Wang K, Fu Z, Cui M*. A practicable method to prepare nitrated proteins with peroxynitrite and low concentration of sodium hydroxide. Mol Biol Rep. 2020 Feb;47(2):1393-1398. doi: 10.1007/s11033-019-05211-w
4. Wang K, Wang HL, Lou WJ, Ma LH, Li YC, Zhang N, Wang C, Li F, Awais M, Cao SB, She RP, Fu ZF and Cui M*. IP-10 Promotes Blood–Brain Barrier Damage by inducing Tumor necrosis Factor alpha Production in Japanese encephalitis. Frontiers in Immunology. 2018 May 30;9:1148.
5. Wang C, Zhang N, Qi L, Yuan J, Wang K, Wang K, Ma S, Wang H, Lou W, Hu P, Awais M, Cao S, Fu ZF, Cui M*. Myeloid-Derived Suppressor Cells Inhibit T Follicular Helper Cell Immune Response in Japanese Encephalitis Virus Infection. J Immunol. 2017 Nov 1;199(9):3094-3105.
6. Awais M, Wang K, Lin XW, Qian WJ, Zhang N, Wang C, Wang KL, Zhao L, Fu ZF, Cui M*. TLR7 deficiency leads to TLR8 compensative regulation of immune response against JEV in mice. Frontiers in Immunology. 2017 Feb 20;8:160.
7. Usama Ashraf, Bibo Zhu, Jing Ye, Shengfeng Wan, Yanru Nie, Zheng Chen, Min Cui, Chong Wang, Xiaodong Duan, Hao Zhang, Huanchun Chen, and Shengbo Cao*. MicroRNA-19b-3p Modulates Japanese Encephalitis Virus-mediated Inflammation via Targeting RNF11. J Virol. 2016 Apr 14;90(9):4780-95.
8. Zhou M, Wang L, Zhou SQ, Wang Z, Ruan JC, Tang LJ, Jia ZM, Cui M, Zhao L, Fu ZF*. Recombinant rabies virus expressing dog GM-CSF is an efficacious oral rabies vaccine for dogs. Oncotarget. 2015 Nov17;6(36):38504-16.
9. Li F, Wang YY, Yu L, Cao SB, Wang K, Yuan JL, Wang C, Wang KL, Cui M*, Fu ZF. Viral infection of the Central Nervous System and neuroinflammation precede Blood Brain Barrier disruption during Japanese Encephalitis. J Virol. 2015 May;89(10):5602-14.
10. Yang Y, Huang Y, Gnanadurai CW, Cao S, Liu X, Cui M*, Fu ZF*. 2015. The inability of wild-type rabies virus to activate dendritic cells is dependent on the glycoprotein and correlates with its low level of the de novo-synthesized leader RNA. J Virol. 2015 Feb 15;89(4):2157-69.
11. Wang C, Chang T, Yang H*, and Cui M*. 2015. Antibacterial mechanism of lactic acid on physiological and morphological properties of Salmonella Enteritidis, Escherichia coli and Listeria monocytogenes. Food Control. 47, 231-236.
12. Wang C, Chang T, Yang H*, and Cui M*. 2014. Surface physiological changes induced by lactic acid on pathogens in consideration of pKa and pH. Food Control. 46, 525-531.
13. Yu F, Zhang G, Zhong X, Han N, Song Y, Zhao L, Cui M, Rayner S, Fu ZF*. Comparison of complete genome sequences of dog rabies viruses isolated from China and Mexico reveals key amino acid changes that may be associated with virus replication and virulence. Arch Virol. 2014 Jul; 159(7):1593-601.
14. Ye J, Jiang R, Cui M, Zhu B, Sun L, Wang Y, Zohaib A, Dong Q, Ruan X, Song Y, He W, Chen H, Cao S*. Etanercept Reduces Neuroinflammation and Lethality in Mouse Model of

Japanese Encephalitis. J Infect Dis. 2014 Sep 20;210(6):875-89.

15. Wang C, Wang S, Chang T, Shi L, Yang H*, Shao Y, Feng W, Cui M. Efficacy of lactic acid in reducing foodborne pathogens in minimally processed. Food Control. 2013 April, 30(2):721-726.
16. Zhou M, Zhang G, Ren G, Gnanadurai CW, Li Z, Chai Q, Yang Y, Leyson CM, Wu W, Cui M, Fu ZF*. Recombinant rabies viruses expressing GM-CSF or flagellin are effective vaccines for both intramuscular and oral immunizations. PLoS One. 2013, 8(5):e63384.
17. Cui M, Huang Y, Tian C, Zhao Y, Zheng J*. FOXO3a inhibits TNF-α- and IL-1β-induced astrocyte proliferation:Implication for reactive astrogliosis. Glia. 2011, 59(4):641-54.
18. Cui M, Huang Y, Zhao Y, Zheng J*. New insights for FOXO and cell-fate decision in HIV infection and HIV associated neurocognitive disorder. Adv Exp Med Biol. 2009, 665:143-59.
19. Cui M, Huang Y, Zhao Y, Zheng J*. Transcription Factor FOXO3a Mediates Apoptosis in HIV-1-Infected Macrophages. Journal of Immunology. 2008, 180(2):898-906.