

Biosketch



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Rongjuan Pei received Ph.D in Wuhan institute of Virology, Chinese Academy of Sciences in 2011. During her study, she got the DAAD-CAS joint scholarship and studied in the Institute of Virology, Essen, Germany from 2007 to 2009. She works in Wuhan institute of Virology, Chinese Academy of Sciences since 2010.

During her Ph.D study and the early career, she mainly works on hepatitis C virus, trying to search for important host factors facilitate virus replication. Her research interest is the mechanism of hepatitis B virus minichromosome formation and the virus-host interaction of tick borne encephalitis virus.

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Selected Publications:

1. **Rongjuan Pei**#; Jianqi Feng#; Yecheng Zhang; Hao Sun; Lian Li; Xuejie Yang; Jiangping He; Shuqi Xiao; Ying Lin; Kun Wen; Hongwei Zhou; Jiekai Chen; Zhili Rong*; Xinwen Chen*; Host metabolism dysregulation and cell tropism identification in human airway and alveolar organoids upon SARS-CoV-2 infection , Protein Cell, 2020, 1(17): 1-17.
2. Ren, Mengyuan#; **Pei, Rongjuan**#; Jiangtulu, Bahabaik#; Chen, Junxi; Xue, Tao; Shen, Guofeng; Yuan, Xiaoru; Li, Kexin; Lan, Changxin; Chen, Zhen; Chen, Xinwen; Wang, Yun; Jia, Xiaoqian; Li, Zewu; Rashid, Audil; Prapamontol, Tippawan; Zhao, Xiuge; Dong, Zhaomin; Zhang, Yali; Zhang, Le; Ye, Rongwei; Li, Zhiwen; Guan, Wuxiang*; Wang, Bin*; Contribution of Temperature Increase to Restrain the Transmission of COVID-19, Innovation (N Y), 2021, 2(1):0-100071.
3. Yang, Li#; **Pei Rongjuan**#; Li Heng; Ma Xinna; Zhou Yu; Zhu Fenghua; He Peilan; Tang Wei; Zhang Yecheng; Xiong Jin; Xiao Shuqi; Tong Xiankun; Zhang Bo* ; Zuo Jianping*; Identification of SARS-CoV-2 entry inhibitors among already approved drugs, Acta Pharmacologica Sinica, 2020, 1(7): 1-7.
4. Yang, Qi; **Pei, Rongjuan**; Wang, Yun; Zhou, Yuan; Yang, Min; Chen, Xinwen; Chen, Jizheng*; ADAM15

Participates in Tick-Borne Encephalitis Virus Replication, *Journal of Virology*, 2021, 95(4): 01926-20.

5. Su, Xi; Liu, Shuhui; Zhang, Xianwen; Lam, Sin Man; Hu, Xue; Zhou, Yuan; Chen, Jizheng; Wang, Yun; Wu, Chunchen; Shui, Guanghou; Lu, Mengji; **Pei, Rongjuan***; Chen, Xinwen*; Requirement of cytosolic phospholipase A2 gamma in lipid droplet formation, *Biochim Biophys Acta Mol Cell Biol Lipids*, 2017, 1862(7): 692-705

Research Group

Staffs:

MS and MD/PhD Students: