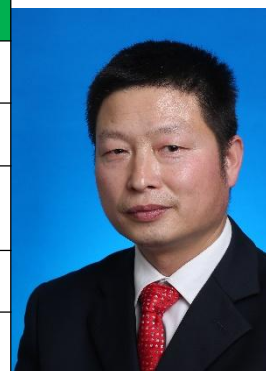


CURRICULUM VITAE

Personal Information			
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Research Interest			
<ul style="list-style-type: none"> ➤ Identification the virus /viroids infecting fruit trees and fungi, and interaction between the virus /viroids infecting fruit trees and fungi and their hosts. 			
Professional Memberships			
<ul style="list-style-type: none"> ➤ Vice chairman of Hubei Plant Protection Society; Vice director of Key Lab of Plant Pathology in Hubei Province 			
Other Roles			
<ul style="list-style-type: none"> ➤ Editor board member of Hubei Plant Protection, Review editor of Frontiers in Microbiology. Reviewer for Molecular Plant Pathology, Invited editor for the special issue of Viruses, Frontiers in microbiology, etc. 			
Education & Working Experience			
<p>January, 2018 to Present</p> <p>Professor of Plant pathology in College of Plant Science and Technology, Huazhong Agricultural University, Wuhan, 430070, China.</p> <p>July, 2007 to December, 2017</p> <p>Lecturer and associate professor of Plant pathology in College of Plant Science and Technology, Huazhong Agricultural University, Wuhan, 430070, China.</p> <p>June, 2010 to August, 2011</p> <p>Visiting scholar in Department of biochemistry, Sherbrooke University, Canada</p> <p>May, 2015 to July, 2015</p> <p>Academic exchange in plant viroid, in the Institute of Molecular and Cellular Biology of Plants (IBMCP), Joint center of the Polytechnic University of Valencia (UPV) and the Higher Council for Scientific Research (CSIC)). Ingeniero Fausto Elio, s/n 46022 Valencia, Spain</p>			



Sept., 2002 to July, 2007

Ph.D. and M.S. degrees in plant pathology (study the molecular characterization of Viroid using modern genetics techniques). Huazhong Agricultural University, Wuhan, 430070, China.

Sept., 1994 to July, 1998

B.S. degree in plant protection (study the basic knowledge of plant disease). Huazhong Agriculture University, Wuhan, 430070, China.

Selected Publications

1. Han Zhenhao[#], Liu Jiwen[#], Kong Linghong, He Yunqiang, Ni Dejiang, Wu Hongqu, **Wenxing Xu**^{*}. A special satellite-like dsRNA of a novel hypovirus from *Pestalotiopsis fici* broadens the definition of satellite. *PLoS Pathog*, 2023, 7;19(6):e1010889.
2. Dong Kaili, Xu Chuan, Kotta-Loizou Ioly, Jiang Jingjing, Lv Ruiying, Kong Linghong, Li Shifang, Hong Ni, Wang Guoping, Coutts H. A. Robert, **Xu Wenxing**^{*}. Novel viroid-like RNA naturally infect a filamentous fungus. *Advanced Science*, 2023, 10(3):e2204308.
3. Yin Mengxue, **Xu Wenxing**^{*}. Special Issue: “Evolution, Ecology and Diversity of Plant Virus” *Viruses*. 2023, 15, 487
4. He Yunqiang, Li Yan, Song Yulin, Hu Xingming, Liang Jinbo, Shafik Karim, Ni Deding, **Xu Wenxing**^{*}. Amplicon sequencing reveals novel fungal species responsible for a controversial tea disease. *Journal of Fungi* 2022, 8, 782.
5. Fu Min, Zhang Hui, Yin Mengxue, Han Zhenhao, Bai Qing, Peng Yuhong, Shafik Karim, Zhai Lifeng, Hong Ni, **Xu Wenxing**^{*}, Wang Guoping^{*}, Kotta-Loizou Ioly. A novel heptasegmented positive-sense single-stranded RNA virus from the phytopathogenic fungus *Colletotrichum fructicola*. *Journal of Virology*, 2022, 96(9):e0031822.
6. Min Fu, Qing Bai, Hui Zhang, Yashuang Guo, Yuhong Peng, Pengfei Zhang, Liang Shen, Ni Hong, **Wenxing Xu**^{*}, Guoping Wang^{*}. Transcriptome analysis of the molecular patterns of pear plants infected by two *Colletotrichum fructicola* pathogenic strains causing contrasting sets of leaf symptoms. *Frontiers in Plant Science*, 2022, 13: 76113.

7. Zhou Lingling[#], Li Xuepei[#], Ioly Kotta-Loizou, Dong Kaili, Li Shifang, Ni Dejiang, Hong Ni, Wang Guoping, **Xu Wenxing**^{*}. A mycovirus modulates the endophytic and pathogenic traits of a plant associated fungus. *The ISME Journal*, 2021, 15(7):1893-1906.
8. Shafik K, Umer M, You H, Aboushedida H, Wang Z, Ni D and **Xu W**^{*}. Characterization of a Novel Mitovirus Infecting *Melanconiella theae* Isolated From Tea Plants. *Frontiers in Microbiology*, 2021 12:757556.
9. Fu M., Crous P.W., Bai Q., Zhang P.F., Xiang J., Guo Y.S., Zhao F.F., Yang M.M., Hong N., **Xu W.X.**^{*}, Wang G.P.^{*}. *Colletotrichum* species associated with anthracnose of *Pyrus* spp. in China. *Persoonia* 2019, 42: 1–35.
10. Muhammad Umer, Jiwen Liu, Huafeng You, Chuan Xu, Kaili Dong, Ni Luo, Linghong Kong, Xuepei Li, Ni Hong, Guoping Wang, Xudong Fan, Ioly Kotta-Loizou^{*}, and Wenxing Xu^{*}. Genomic, Morphological and Biological Traits of the Viruses Infecting Major Fruit Trees. *Viruses* 2019, 11(6), 515.
11. Hengxia Jia, Kaili Dong, Lingling Zhou, Guoping Wang, Ni Hong, Daohong Jiang, & **Wenxing Xu**^{*}. A dsRNA virus with filamentous viral particles. *Nature Communications*. 2017, 8:168.
12. Z. H. Wang, Z. X. Zhao, N. Hong, Dejiang Ni, L. Cai^{*}, **W. X. Xu**^{*}, and Y. N. Xiao. Characterization of causal agents of a novel disease inducing brown-black spots on tender tea leaves in China. *Plant Disease*, 2017, 101(10):1802-1811.
13. Yan He[#], Li Cai[#], Lingling Zhou, Zuokun Yang, Ni Hong, Guoping Wang, Shifang Li^{*}, **Wenxing Xu**^{*}. Deep sequencing reveals the first fabavirus infecting peach. *Scientific Reports*. 2017, 7: 11329.
14. L. Cai, Y. C. Zhang, Y. S. Chen, N. Hong, and **W. X. Xu**^{*}. First Report of Cucumber mosaic virus Infecting *Brassica campestris* var. *purpuraria* in China. *Plant Disease*, 2017, 101(9):1684.
15. L. Cai, Y. C. Zhang, Y. S. Chen, N. Hong, and **W. X. Xu**. First report of Broad bean wilt virus 2 infecting non-heading Chinese cabbage in China. *Plant Disease*, 2017, 101(8):1559.
16. Y. He, Y. S. Chen, Z. H. Wang, L. P. Wang, G. P. Wang, N. Hong, and **W. X. Xu**, First report of Apple stem grooving virus infecting *Rosa chinensis* in China. *Plant*

disease, 2016, 100 (6):1252 .

17. P.F. Zhang, L.F. Zhai, X.K. Zhang, X.Z. Huang, N. Hong, **W.X. Xu***, G.P. Wang*. Characterization of *Colletotrichum fructicola*, a new causal agent of leaf black spot disease of sandy pear (*Pyrus pyrifolia*). *European Journal of Plant Pathology*, 2015, 143:651-662.
18. Bai Qing, Lifeng Zhai, Chen Xiaoren, Ni Hong, **Wenxing Xu***, Guoping Wang*. Biological and Molecular Characterization of Five Phomopsis Species Associated with Pear Shoot Canker in China. *Plant disease*, 2015, 99(12): 1704-1712.
19. Yan He, ZuoKun Yang, Ni Hong, GuoPing Wang, GuoGui Ning, **WenXing Xu***. Deep sequencing reveals a novel closterovirus associated with wild rose leaf rosette disease. *Molecular Plant Pathology*, 2015, 16(5), 449-458.
20. Y. He, Y. S. Chen, Z. H. Wang, L. P. Wang, G. P. Wang, N. Hong, and **W. X. Xu***, First report of Apple stem grooving virus infecting *Rosa chinensis* in China. *Plant disease*, 2016, 100 (6):1252.
21. LiPing Wang, JingJing Jiang, YanFen Wang, Ni Hong, Fangpeng Zhang, **WenXing Xu***. GuoPing Wang*. Hypovirulence of the Phytopathogenic Fungus *Botryosphaeria dothidea*: Association with a Coinfecting Chrysovirus and a Partitivirus. *Journal of Virology*, 2014, 88 (13):7517–7527.

Additional Information

MAJOR HONORS AND AWARDS

1. 2016, “The Outstanding Person of Plant Protection Field in Hubei Province in 2016 Year” by Hubei Plant Protection Society and Hubei Plant Pathology Society.
2. 2015, “The Outstanding Person of the Third Hubei Province Science Popularization Works” by Government of Hubei province.
3. 2008, “Hubei Province Science and Technology Progress Award” by Government of Hubei province.
4. 2014, “The First Prize of Hubei Province Outstanding Scientific Research Paper” by Hubei Science and Technology Association.
5. 2014, Winner for Hubei Province Dawn Plan, by Government of Hubei province, and Hubei Science and Technology Association.
6. 2017, The Excellent Master's Thesis in Hubei Province for the Thesis "Genome Cloning and Molecular Characterization of Two New Viruses in *Rosaceae*", by Government of Hubei province.
7. 2016, “The Outstanding Person of Social Service Work in 2015” by Huazhong Agricultural university.

Introduction

Xu Wenxing, Professor in College of Plant Science and Technology, Huazhong Agricultural University, Vice chairman of Hubei Plant Protection Society, and Vice director of Key Lab of Plant Pathology in Hubei Province. My research interests include identification of the viruses and viroids infecting horticultural crops and fungi, and the interaction between viruses and viroids and their hosts. I have contributed a significant addition to understanding the mycoviruses, e.g., identified the first dsRNA virus that is encapsidated within filamentous particles, which are the longest among known viral particles. I have published more than 40 research papers in the journals such as Nature Communications, The ISME Journal, Persoonia, Journal of Virology, Molecular Plant Pathology, and Plant Disease. I have achieved many honors including the "5th Youth Science and Technology Award" in 2017 issued by China Plant Protection Society, the "Outstanding Person of Plant Protection Field in Hubei Province in 2016 Year" by Hubei Plant Protection Society and Hubei Plant Pathology Society, "Outstanding Person of the Third Hubei Province Science Popularization Works" in 2015 by Government of Hubei province, and "Hubei Province Science and Technology Progress Award" in 2008 by Government of Hubei province, etc.