

# CURRICULUM VITAE

Personal Information			
Name	Wenxing Xu	Gender	male
Position Title	Associate Professor		
Working Department	College of Plant Science and Technology, Huazhong Agricultural University		
Email	<a href="mailto:xuwenxing@mail.hzau.edu.cn">xuwenxing@mail.hzau.edu.cn</a>		
Address	Shizishan street No.1, Hongshan district, Wuhan, Hubei 430070, P. R. China		
Tel	8615527800168	Fax	
Research Interest			
<p>Pathologic mechanism of viroid, Interaction between viroids and their host, Control and prevention of viroids, and Viroid exploitation. We also interested in study the identification and pathogens associated with tea diseases and their bio-control.</p>			
Professional Memberships			
<ul style="list-style-type: none"><li>Secretary-general of Hubei Plant Protection Society</li></ul>			
Other Roles			
Reviewer for Molecular Plant Pathology and Viruses. Editor board member of Hubei Plant Protection.			
Education & Working Experience			
<b>July, 2007 to Present</b> Teacher of Plant pathology in College of Plant Science and Technology, Huazhong Agricultural University, Wuhan, 430070, China.			
<b>June, 2010 to August, 2011</b> Visiting scholar in Department of biochemistry, Sherbrooke University, Canada			
<b>May, 2015 to July, 2015</b> 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			



**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.

**Publications**

1. 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. DOI 10.1007/s10658-015-0715-7
2. 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. 2015, <http://dx.doi.org/10.1094/PDIS-03-15-0259-RE>.
3. 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
4. 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
5. Zhou Lingxin, Xu Wenxing\*. First report of *Alternaria alternata* causing leaf spots of tea (*Camellia sinensis*) in China. *Plant Disease*, 2014, 98 (5):697
6. Jingjing Jiang, Hongyan Zhai, Huannan Li, Zhenhua Wang, Yongsen Chen, Ni Hong, Guoping Wang, Gilbert Nchongboh Chofong, and Wenxing Xu\*. Identification and characterization of *Colletotrichum fructicola* causing black spots on young fruits related to bitter rot of pear (*Pyrus bretschneideri* Rehd.) in China. *Crop Protection*, 2014, 58:41-48
7. Wang Li Ping, Yan He, YanPing Kang, Hong Ni, Abu Bakr Umer Farooq, Wang GuoPing, **Xu WenXing** Virulence determination and molecular features of peach latent mosaic viroid isolates derived from phenotypically different peach leaves: A nucleotide polymorphism in L11 contributes to symptom alteration. *Virus Research*, 2013, 177:171-178.
8. Li, H., Jiang, J., Hong, N., Wang G., **Xu W.** First report of *Colletotrichum fructicola* causing bitter rot of pear (*Pyrus bretschneideri*) in China. *Plant Disease*, 2013, 97(7): 1000.
9. **Xu Wenxing**, François Bolduc, Hong Ni, Jean-Pierre Perreault. The use of a combination of computer-assisted structure prediction and SHAPE probing to elucidate the secondary structures of five viroids. *Molecular Plant Pathology*, 2012, 13(7): 666–676.
10. **Xu WenXing**, Hong Ni, Jin QiuTing, Abu Bakr Umer Farooqa , Wang ZeQionga, Song YanSu, Wu ChengChun, Wang LiPing, Wang GuoPing. Probe binding to host proteins: a cause for false positive signals in viroid detection by tissue hybridization. *Virus research*, 2009, 145 (1): 26-30.
11. Shu Jing, Wang GuoPing, **Xu WenXing**, Hong Ni. First report of *Citrus exocortis* viroid from grapevine in China. *Plant Disease*, 2009, 93 (7): 761-761.

12. **Xu WenXing**, Hong Ni, Wang GuoPing, Fan XuDong. Population structure and genetic diversity within Peach latent mosaic viroid field isolates from peach showing three symptoms. *Journal of Phytopathology*, 2008, 156:565-572.
13. **Xu Wen-Xing**, Hong Ni, Zhang Jian-Kun, Wang Guo-Ping. Improving the sensitivity of single-strand conformation polymorphism (SSCP) to study the variability of PLMVd. *Journal of Virological Methods*, 2006, 135:276–280.

### **Additional Information**

Welcome master students who are interested in research on viruses or viroids infecting fruit trees.