

# CURRICULUM VITAE

Personal Information			
Name	Hongxia Hua	Gender	Female
Position Title		Professor	
Working Department		College of Plant Science and technology	
Email	<a href="mailto:huahongxia@mail.hzau.edu.cn">huahongxia@mail.hzau.edu.cn</a>		
Address	○○○○○○○○ College of Plant Science and Technology Huazhong Agricultural University Wuhan, Hubei 430070, P.R. China		
Tel	+86-27-87282130	Fax	-
Research Interest			
<ul style="list-style-type: none"> <li>➤ Insect-rice interaction</li> <li>➤ Safety evaluation of transgenic rice</li> <li>➤ Development of planthopper</li> </ul>			
Professional Memberships			
<ul style="list-style-type: none"> <li>➤ Member of Entomological Society of China</li> </ul>			
Other Roles			
<ul style="list-style-type: none"> <li>➤ Reviewer for Chemoshpere, Pesticide Biochemistry and Physiology, Planta, Crop Protection, PLOSone</li> </ul>			
Education & Working Experience			
1987.9-1991.6 Plant Protection, Huazhong Agriculture University, Wuhan, China. B.S.			
1993.9-1996.6 Entomology, Huazhong Agriculture University, Wuhan, China. M.S.			
2000.9-2006.6 Biochemistry and Molecular Biology, Huazhong Agriculture University, Wuhan, China. Ph.D.			
1996.6-current College of Plant Science and Technology, Huazhong Agricultural University, Wuhan, China. College teacher.			
2011.6-2011.12 International Rice Research Institute. Visiting scholar.			



照片

## Publications

1. Fangzhou Liu, Kaiyin Li, Jie Li, Dingbang Hu, Jing Zhao, Yueping He, Yulan Zou, Yanni Feng, **Hongxia Hua (corresponding author)**. *Apterous A* modulates wing size, bristle formation and patterning in *Nilaparvata lugens*. *Scientific Reports*, 2015, 5:10526.
2. Kaiyin Li, Dingbang Hu, Fangzhou Liu, Man Long, Siyi Liu, Jing Zhao, Yueping He, **Hongxia Hua (corresponding author)**. Wing patterning genes of *Nilaparvata lugens* identification by transcriptome analysis, and their differential expression profile in wing pads between brachypterous and macropterous morphs. *Journal of Integrative Agriculture*, 2015, on line.
3. Jie Li, Keke Shang, Jia Liu, Tingru Jiang, Dingbang Hu and **Hongxia Hua (corresponding author)**. Multi-generational effects of rice harboring *Bph15* on brown planthopper, *Nilaparvata lugens*. *Pest Management Science*, 2014; 70: 310–317.
4. Jie Li, Qihong Chen, Liangquan Wang, Jia Liu, Keke Shang, **Hongxia Hua (corresponding author)**. Biological effects of rice harboring *Bph14* and *Bph15* on brown planthopper, *Nilaparvata lugens*. *Pest Management Science*, 2011, 67: 528-534.
5. **Hongxia Hua**, Qing Lu, Caiguo Xu, Daoxiu Zhou, Xianghua Li, Qifa Zhang. Analysis of rice genes induced by striped stemborer (*Chilo suppressalis*) attack identified a promoter highly specifically responsive to insect feeding. *Plant Molecular Biology*, 2007, 65: 519-530.
6. Jie Li, Qihong Chen, Yongjun Lin, Tingru Jiang, Gang Wu, **Hongxia Hua (corresponding author)**. RNA interference in *Nilaparvata lugens* (Homoptera: Delphacidae) based on dsRNA ingestion. *Pest Management Science*, 2011, 67: 852-859.
7. Jie Li, Xiaoping Wang, Manqun Wang, Weihua Ma, **Hongxia Hua (corresponding author)**. Advances in the use of the RNA interference technique in Hemiptera. *Insect Science*, 2013, 20, 31-39.
8. Yu Han, Hui Wang, Jie Chen, Wanlun Cai, **Hongxia Hua (corresponding author)**. No impact of transgenic *cry2Aa* rice on *Anagrus nilaparvatae*, an egg parasitoid of *Nilaparvata lugens*, in laboratory tests. *Biological Control*, 2015, 82: 46-51.
9. Yu Han, Jiarong Meng, Jie Chen, Wanlun Cai, Yu Wang, Jing Zhao, Yueping He, Yanni Feng, **Hongxia Hua (corresponding author)**. *Bt* rice expressing *Cry2Aa* does not harm

*Cyrtorhinus lividipennis*, a main predator of the nontarget herbivore *Nilaparvata lugens*. *PLOS ONE*, 2014, 11: e112315.

10. Yu Han, Xueliang Xu, Weihua Ma, Benqi Yuan, Hui Wang, Fangzhou Liu, Manqun Wang, Gang Wu, **Hongxia Hua (corresponding author)**. The influence of transgenic *cry1Ab/cry1Ac*, *cry1C* and *cry2A* rice on non-target planthoppers and their main predators under field conditions. *Agricultural Sciences in China*, 2011, 10: 739-1747.
11. Yu Han, Jie Chen, Hui Wang, Jing Zhao, Yueping He, **Hongxia Hua (corresponding author)**. Prey-mediated effects of transgenic *cry2Aa* rice on the spider *Hylyphantes graminicola*, a generalist predator of *Nilaparvata lugens*. *BioControl*, 2015, 60: 251–261
12. XueLiang Xu, Yu Han, Gang Wu, WanLun Cai, Benqi Yuan, Hui Wang, Fangzhou Liu, Manqun Wang, **Hongxia Hua (corresponding author)**. Field evaluation of effects of transgenic *cry1Ab/cry1Ac*, *cry1C* and *cry2A* rice on *Cnaphalocrocis medinalis* and its arthropod predators. *SCIENCE CHINA, Life Sciences*, 2011, 54: 1019-1028.

#### Additional Information