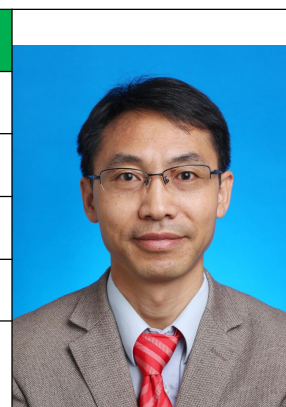


CURRICULUM VITAE

Personal Information			
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Research Interest			
<ul style="list-style-type: none">➤ Molecular mechanisms of fungicide resistance in plant pathogenic fungi, e.g. <i>Monilinia</i> spp., <i>Botryotinia fuckeliana</i>, <i>Sclerotinia sclerotiorum</i>, <i>Magnaporthe oryzae</i>, <i>Ustilaginoidea virens</i>.➤ Genetic diversity of plant pathogenic fungi in China.➤ Rice false smut disease➤ Management of peach diseases			
Professional Memberships			
<ul style="list-style-type: none">➤ Fellow of the American Phytopathological Society (APS)➤ Fellow of the Chinese Society for Plant Pathology (CSPP)➤ Senior member of Council of the Hubei Province Society for Plant Pathology			
Other Roles			
<ul style="list-style-type: none">➤ Editor for Scientific Reports, Phytopathology Research, Acta Phytopathologica Sinica;➤ Reviewer for more than 20 international journals such as Molecular Plant Pathology, Phytopathology, Plant Disease, Pest Management Sciences etc.			
Education & Working Experience			



Education

Ph.D. in *Plant Pathology*

Kagoshima University, Kagoshima, Japan, 2003.4-2006.3

Dissertation: Genetic Analysis and Chromosomal Assignment of Cultivar-Specific Avirulence Genes in Rice Blast Fungus

Master of Agriculture in *Plant Pathology*

Saga University, Saga, Japan, 2001.4-2003.3

Thesis: Genetic Analysis of Avirulence Genes in Rice Blast Fungus *Magnaporthe oryzae*

Bachelor of Agriculture in *Plant Protection*

China Agriculture University, Beijing, China, 1991.9-1995.7

Working Experience

Professor: 2008.8-present, College of Plant Science and Technology & Key Lab of Crop Disease Monitoring & Safety Control in Hubei Province, Huazhong Agricultural University, Wuhan 430070, China.

Postdoctoral Research Associate: 2006.4-2008.7, the Department of Entomology, Soils and Plant Sciences, Clemson University, Clemson, SC 29634-0315, USA. Research Advisor: Dr. Guido Schnabel

Publications

1. Yin, W. X.#, Adnan, M.#, Shang, Y., Lin, Y. and C. X. Luo*. 2018. Sensitivity of *Botrytis cinerea* from nectarine/cherry in China to six fungicides and characterization of resistant isolates. *Plant Disease*, 102: 2578-2585.
2. Wang, Z. Q., Meng, F. Z., Zhang, M. M., Yin, L. F., Yin, W. X., Lin, Y., Hsiang, T., Peng, Y. L., Wang, Z. H., and Luo, C. X*. 2018. A putative Zn2Cys6 transcription factor is associated with isoprothiolane resistance in *Magnaporthe oryzae*. *Frontiers in Microbiology*, 31: fmicb.2018.02608.
3. Fan, F., Yin, W. X., Li, G. Q., Lin, Y. and Luo, C. X*. 2018. Development of a LAMP method for detecting SDHI fungicide resistance in *Botrytis cinerea*. *Plant Disease*, 102: 1612-1618.
4. Adnan, M., Hamada, M. S., Li, G. Q. and Luo, C. X*. 2018. Detection and molecular characterization of resistance to the dicarboximide and benzamide fungicides in *Botrytis cinerea* from tomato in Hubei province, China. *Plant Disease*, 102: 1299-1306.
5. Chen, S. N., Yuan, N. N., Schnabel, G., and Luo, C. X*. 2017. Function of the genetic element 'Mona' associated with fungicide resistance in *Monilinia fructicola*. *Molecular Plant Pathology*, 18: 90-97.
6. Fan, F., Hamada, M. S., Li, N., Li, G. Q., and Luo, C. X*. 2017. Multiple fungicide resistance in *Botrytis*

- cinerea* from greenhouse strawberries in Hubei province, China. *Plant Disease*, 101: 601-606.
7. Song, J. H[#], Wei, W[#], Lv, B., Lin, Y., Yin W. W., Peng, Y. L., Schnabel, G., Huang, J. B., Jiang, D. H., Luo, C. X*. 2016. Rice false smut fungus hijacks the rice nutrients supply by blocking and mimicking the fertilization of rice ovary. *Environmental Microbiology*, 18: 3840-3849.
 8. Fan, F., Li, N., Li, G. Q., and Luo, C. X*. 2016. Occurrence of fungicide resistance in *Botrytis cinerea* from greenhouse tomato in Hubei Province, China. *Plant Disease*, 100: 2414-2421.
 9. Firoz, M. J., Xiao, X., Zhu, F. X., Fu, Y. P., Jiang, D. H., Schnabel, G., and Luo, C. X*. 2016. Exploring mechanisms of resistance to dimethachlone in *Sclerotinia sclerotiorum*. *Pest Management Sciences*, 72: 770-779.
 10. Wang, F., Lin, Y., Yin, W. X., Peng, Y. L., Schnabel, G., Huang, J. B., and Luo, C. X*. 2015. The Y137H mutation of *VvCYP51* gene confers the reduced sensitivity to tebuconazole in *Villosiclava virens*. *Scientific Reports*, 5:17575. DOI: 10.1038/srep17575.
 11. Yin, L. F., Chen, S. N., Chen, G. K., Schnabel, G., Du, S. F., Chen, C., Li, G. Q*, and Luo, C. X*. 2015. Identification and characterization of three *Monilinia* species from plum in China. *Plant Disease*, 99:1775-1783.
 12. Yin, L. F., Wang, F., Zhang, Y., Kuang, H., Schnabel, G., Li, G. Q., Luo, C. X*. 2014. Evolutionary analysis revealed the horizontal transfer of the *Cyt b* gene from Fungi to Chromista. *Molecular Phylogenetics and Evolution*, 76:155-161.
 13. Wang, F., Zhang, S., Liu, M. G., Lin, X. S., Liu, H. J., Peng, Y. L., Lin, Y., Huang, J. B. and Luo, C. X*. 2014. Genetic diversity analysis reveals that geographical environment plays a more important role than rice cultivars on population selection of *Villosiclava virens*. *Applied Environmental Microbiology*, 80:2811-2820.
 14. Chen, S. N., Shang, Y., Wang, Y., Schnabel, G., Lin, Y., Yin, L. F., Luo, C. X*. 2014. Sensitivity of *Monilinia fructicola* from peach farms in China to four fungicides and characterization of isolates resistant to carbendazim and azoxystrobin. *Plant Disease*, 98: 1555-1560.
 15. Hu, M. J., Ma, Q. Y., Li, K. B., Lin, Y., and Luo, C. X*. 2014. Exploring mechanism of resistance to Isoprothiolane in *Magnaporthe oryzae*, the causal agent of rice blast. *Journal of Plant Pathology*, 96: 249-259.
 16. Yin, L. F., Chen, G. K., Chen, S. N., Du, S. F., Li, G. Q., Luo, C. X*. 2014. First report of brown rot caused by *Monilia mumecola* on Chinese sour cherry in Chongqing municipality, China. *Plant Disease*, 98: 1009.
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 18. Yuan, N. N[#], Chen, S. N[#], Zhai, L. X., Schnabel, G., Yin, L. F. and Luo, C. X*. 2013. Baseline sensitivity of *Monilia yunnanensis* to the DMI fungicides tebuconazole and triadimefon. *Eur J Plant Pathol*, 136:651-655.
 19. Yin, L. F., Chen, S. N., Yuan, N. N., Zhai, L. X., Li, G. Q. and Luo, C. X*. 2013. First report of peach

- brown rot caused by *Monilinia fructicola* in central and western China. *Plant Disease* 97(9):1255..
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 21. Hu, M. J., Cox, K. D., Schnabel, G. and Luo, C. X*. 2011. *Monilinia* species causing brown rot of peach in China. *PLoS ONE*, 6(9): e24990. Doi:10.1371/journal.pone.0024990.
 22. Hu, M. J., Yin, L. F., Chen, Y., Chen, S. N., Liu, X. L., Chen F. P., and Luo, C. X*. 2011. A group I intron located downstream of the G143 position of the *Cyt b* gene in *Monilinia fructicola* is present in genetically diverse populations from China. In *Modern Fungicides and Antifungal Compounds VI*, pp 143-150, Dehne, H.W., Deising, H.B., Gisi, U., Kuck, K.H., Russell, P.E., Lyr, H. (Eds.), Deutsche Phytomedizinische Gesellschaft, Braunschweig, Germany.
 23. Hu, M. J., Luo, C. X*., Grabke, A. and Schnabel, G*. 2011. Selection of a suitable medium to determine sensitivity of *Monilinia fructicola* mycelium to SDHI fungicides. *Journal of Phytopathology*, 159: 616-620.
 24. Hu, M. J., Chen, Y., Chen, S. N., Liu, X. L., Yin, L. F. and Luo, C. X*. 2011. First report of brown rot of peach caused by *Monilinia fructicola* in southeastern China. *Plant Disease*, 95: 225.
 25. Yin, L. F., Luo, C. X*., Kusaba, M. and Yaegashi, H. 2010. Analysis of the abnormal segregation of pathogenicity in *Magnaporthe grisea* by using a genetic cross of *Oryza* and *Eleusine* isolates. *Agricultural Sciences in China*, 9:383-391.
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 27. Luo C. X, Cox, K. D., Amiri, A., and Schnabel, G*. 2008. Occurrence and detection of the DMI resistance-associated genetic element 'Mona' in *Monilinia fructicola*. *Plant Disease*, 92: 1099-1103.
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Additional Information

MAJOR HONORS AND AWARDS

- ***Scientific and Technological progress Award, 2nd prize.*** 1998. Ministry of Agriculture of China.
- ***Scientific and Technological progress Award, 2nd prize.*** 1999. National level.
- ***Scientific and Technological progress Award, 1st prize.*** 1999. Yunnan province of China
- ***Excellent teaching quality Award, 3rd prize.*** 2009. Huazhong Agricultural University