

CURRICULUM VITAE

Personal Information			
Name	Xiao-Lin Chen	Gender	Man
Position Title	Associate Professor		
Working Department	Plant Pathology		
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Address	State Key Laboratory of Agricultural Microbiology, Huazhong Agricultural University, Wuhan 430070, Hubei Province, China		
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Research Interest			
<p>pH regulatory networks in plant fungal pathogens</p> <p>Fungi post-translational regulatory mechanisms (glycosylation, ubiquitination, acetylation, etc.)</p> <p>Rice pH-mediated defense mechanisms</p> <p>Rice post-translational regulatory mechanisms during fungal infection</p> <p>PAMPs recognition during plant-fungus interactions</p>			
Professional Memberships			
<p>Member of Chinese Society for Plant Pathology (CSPP)</p> <p>Member of American Phytopathological Society (APS)</p>			
Other Roles			
Education & Working Experience			
<p>EDUCATION</p> <p>2004.9-2011.7, Ph.D.</p> <p>Plant Pathology, China Agricultural University, Beijing, China</p> <p>2000.9-2004.7, B.S.</p> <p>Plant Protection, Huazhong Agricultural University, Wuhan, China</p> <p>WORK EXPERIENCE</p> <p>2015.3-now, Associate Professor</p> <p>College of Plant Science & Technology, Huazhong Agricultural University, Wuhan, China</p> <p>2014.10-2015.3, Research Assistant</p> <p>Beijing Academy of Agricultural and Forestry Sciences, Beijing, China</p> <p>2011.7-2014.10, Postdoc Research</p> <p>State Key Laboratory of Agrobiotechnology, China Agricultural University, Beijing, China</p>			



Publications

- 1) **Chen X.L.**, Shi T., Yang J., Chen D., Xu X.W., Xu J.R., Talbot N.J. and Peng Y.L.* 2014. N-glycosylation of effector proteins by an alpha-1, 3-mannosyltransferase is required to evade host innate immunity by the rice blast fungus. *The Plant Cell*, 26: 1360–1376. (SCI, IF=9.575)
- 2) **Chen X.L.**, Yang J., and Peng Y.L.* 2011. Large-scale insertional mutagenesis in *Magnaporthe oryzae* by *Agrobacterium tumefaciens*-mediated transformation. *Methods in Molecular Biology* 722:213-224.
- 3) Li C., Yang J., Zhou W., **Chen X.L.**, Huang J.G., Cheng Z.H., Zhao W.S., Zhang Y. and Peng Y.L.* 2014. A spindle pole antigen gene MoSPA2 is important for polar cell growth of vegetative hyphae and conidia, but is dispensable for pathogenicity in *Magnaporthe oryzae*. *Current Genetics*, published online 25 May 2014. (SCI, IF=2.68)
- 4) Zuo Y.S., Yang J., Wang D.W., He D., Chu Y., **Chen X.L.**, Zhou W., Hsiang T., Peng Y.L.* 2014. MoTlg2, a t-SNARE component is important for formation of the Spitzenkörper and polar deposition of chitin in *Magnaporthe oryzae*. *Physiological and Molecular Plant Pathology*. 87: 9-18. (SCI, IF=1.98)
- 5) Du Y.X., Shi Y., Yang J., Chen X.L., Xue M.F., Zhou W.S., **Peng Y.L.*** 2013. A serine/threonine-protein phosphatase PP2A catalytic subunit is essential for asexual development and plant infection in *Magnaporthe oryzae*. *Current Genetics*, 59(1-2):33-41. (SCI, IF=1.71)
- 6) Yang J., Kong L.A., **Chen X.L.**, Wang D.W., Qi L.L., Zhao W.S., Zhang Y, Liu X.Z., Peng Y.L.* 2012. A carnitine-acylcarnitine carrier protein, MoCrc1, is essential for pathogenicity in *Magnaporthe oryzae*. *Current Genetics*, 58(3):139-48. (SCI, IF=2.41)

Additional Information