

外国留学生研究生指导教师情况表

Resume of Supervisor

导师姓名: Name of supervisor:	王文明 Wen-Ming Wang	导师类别: Supervisor Level:	博导 <input checked="" type="checkbox"/> 硕导 <input checked="" type="checkbox"/> Doctor Master
院所 College/Institute:	水稻所 Rice Research Institute		
学科 Discipline:	Plant Pathology		
电话 Tel:	13488956943	邮箱 EMAIL:	j316wenmingwang@163.com
办公地址 Address:	成都校区 2 教 210 / Rm210, Teaching Building 2, Chengdu Campus		
研究方向: Research Fields	1、植物抗病性及利用 Plant disease resistance and applications 2、分子植物病理学 Molecular Plant Pathology		
教育背景: Educational Background:	1992-1997, Sichuan Agricultural University, China. Ph.D. Plant Breeding 1981-1985, Sichuan Agricultural University, China. B.S. Plant Breeding		
工作经历: Professional Experience:	2011—present, Professor of Plant Pathology, Sichuan Agricultural University, China 2004—2011, Senior Research Associate, the University of Maryland, USA 2003—2004, Research associate, Arizona Genomics Institute, The University of Arizona, USA 2000—2003, Postdoctoral associate, Rutgers University, USA 1997—2000, Postdoctoral fellow, Institute of Genetics, Chinese Academy of Sciences, China 1999—2000, Visiting Scholar, Clemson University, USA 1985—1992, Research Fellow, Rice and Sorghum Research Institute, Sichuan Academy of Agricultural Sciences, China		
主要论著 (10 篇代表论著) Publications	Selected 10 publications (*corresponding author) 1. Xian-Feng Ma, Yan Li, Jin-Long Sun, Ting-Ting Wang, Jing Fan, Yang Lei, Yan-Yan Huang, Yong-Ju Xu, Ji-Qun Zhao, Shunyuan Xiao, and Wen-Ming Wang* . Ectopic Expression of RESISTANCE TO POWDERY MILDEW8.1 Confers Resistance to Fungal and Oomycete Pathogens in Arabidopsis. Plant & Cell Physiology , 2014, 55:1484-1496. 2. Yan Li, Yuan-Gen Lu, Yi Shi, Liang Wu, Yong-Ju Xu, Fu Huang, Xiao-Yi Guo, Yong Zhang, Jing Fan, Ji-Qun Zhao, Hong-Yu Zhang, Pei-Zhou Xu, Jian-Min Zhou, Xian-Jun Wu, Ping-Rong Wang and Wen-Ming Wang* . Multiple rice miRNAs are involved in immunity against the bast fungus <i>Magnaporthe oryzae</i> . Plant Physiology , 2014, 164:1077-1092. 3. J. Fan, X. Guo, F. Huang, Y. Li, Y. Liu, L. Li, Y. Xu, J. Zhao, H. Xiong, J. Yu, W. Wang* . Epiphytic colonization of <i>Ustilaginoidea virens</i> on biotic and abiotic surfaces implies the widespread presence of primary		

inoculum for rice false smut disease. **Plant Pathology**, 2014, 63:937-945.

4. Yan-Yan Huang, Yi Shi, Yang Lei, Yan Li, Jing Fan, Yong-Ju Xu, Xian-Feng Ma, Ji-Qun Zhao, Shunyuan Xiao, **Wen-Ming Wang***. Functional identification of multiple nucleocytoplasmic trafficking signals in the broad-spectrum resistance protein RPW8.2. **Planta**, 2014, 239:455-468.
5. Yuangen Lu, Ganlin Zhao, Yan Li, Jing Fan, Guoxiang Ding, Jiqun Zhao, Xianlin Ni, Yongju Xu, **Wenming Wang***. Identification of two novel waxy alleles and development of their molecular markers in sorghum. **Genome** 2013, 56:283-288.
6. Li Y, Huang F, Lu Y, Shi Y, Zhang M, Fan J, **Wang W***. Mechanism of plant-microbe interaction and its utilization in disease-resistance breeding for modern agriculture, **Physiological and Molecular Plant Pathology** 2013, 83:51-58.
7. **Wenming Wang**, Yi Zhang, Yingqiang Wen, Robert Berkey, Xianfeng Ma, Zhiyong Pan, Dipti Bendigeri, Harlan King, Qiong Zhang and Shunyuan Xiao. A comprehensive mutational analysis of the *Arabidopsis* resistance protein RPW8.2 reveals key amino acids for defense activation and protein targeting. **The Plant Cell**, 2013, 25:4242-4261.
8. **Wen-Ming Wang**, Xian-Feng Ma, Yi Zhang, Ming-Cheng Luo, Guo-Liang Wang, Maria Bellizzi, Xing-Yao Xiong and Shun-Yuan Xiao. PAPP2C interacts with the atypical disease resistance protein RPW8.2 and negatively regulates salicylic acid-dependent defense responses in *Arabidopsis*. **Molecular Plant**, 2012, 5 (5):1125-1137.
9. **Wang W**, Wen Y, Berkey R, Xiao S. Specific targeting of the *Arabidopsis* resistance protein RPW8.2 to the interfacial membrane encasing the fungal haustorium renders broad-spectrum resistance to powdery mildew. **The Plant Cell**, 2009, 21:2898-2913.
10. **Wenming Wang**, Xiaohua Yang, Samantha Tangchaiburana, Roland Ndeh, Jonathan E. Markham, Yoseph Tsegaye, Teresa Dunn, Guo-Liang Wang, Maria Bellizzi, James Parsons, Danielle Morrissey, Janis Bravo, Daniel Lynch, and Shunyuan Xiao. An inositolphosphorylceramide synthase is involved in regulation of plant programmed cell death associated with defense in *Arabidopsis*. **The Plant Cell**, 2008, 20:3163-3179.

<p>主要国际学术活动(5项以内):</p> <p>International Academic Activities:</p>	<ol style="list-style-type: none"> 1. 2014年6月25日至7月5日, 访问美国德州农工大学并作学术报告, 报告题目见英文。 June 25-July 5, 2014, Visit Texas A&M University, USA. Seminar title: From powdery mildew to rice blast, new knowledge for engineering disease-resistant crops. 2. 2013年8月25-30日, 参加在北京举行的“第十届国际植物病理学大会”, 墙报。 August 25-30, 2013, Attend 10th International Congress of Plant Pathology at Beijing, Poster presentation. 3. 2013年8月23-25日, 参加“第二届北京国际分子植物病理学术研讨会” August 23-25, 2013, attend “The Second Beijing International Symposium on Molecular Plant Pathology”. 4. 2013年3月20日至4月21日到美国马里兰大学从事合作研究一个月, 促进了合作研究论文在The Plant Cell上发表。 March 20-April 21, 2013, Visit The University of Maryland, USA, which led to a publication on The Plant Cell.
--	---