

## 外国留学生研究生指导教师情况表 Resume of Supervisor (中英文版)

导师姓名: Name of supervisor:	陈学伟 Xuewei Chen	导师类别: Supervisor Level:	博导 √ 硕导 √ Doctor Master
院所 College/Institute:	水稻所 Rice Research Institute		
学科 Discipline:	作物遗传育种 Crop Genetics and breeding		
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研究方向: Research Fields	水稻抗病机理与应用 Mechanism of rice disease resistance and its applications		
教育背景: Educational Background:	2000-2003 博士: 中国科学院遗传与发育生物所 2000-2003 Doctor: Institute of Genetics and Developmental Biology, Chinese Academy of Sciences  1997-2000 硕士: 四川农业大学 1997-2000 Master: Sichuan Agricultural University  1993-1997 大学本科: 四川农业大学 1993-1997 Bachelor: Sichuan Agricultural University		
工作经历: Professional Experience:	2009-2011 项目科学家: 美国加利福尼亚大学戴维斯分校 2009-2011 Assistant Project Scientist, University of California at Davis, USA 2005-2008 博士后: 美国加利福尼亚大学戴维斯分校 2005-2008 Postdoctoral Research Associate, University of California at Davis, USA 2004-2005 博士后: 美国加利福尼亚大学欧文分校 2004-2005 Postdoctoral Research Associate, University of California at Irvine, USA		
主要论著(10 篇代表论著) Publications	1 Haitao Hu, Jing Wang, Chan Shi, Can Yuan, Chunfang Peng, Junjie Yin, Weitao Li, Min He, Jichun Wang, Bintian Ma, Yuping Wang, Shigui Li, <b>Xuewei Chen*</b> 2014 A receptor like kinase gene with expressional responsiveness on Xanthomonas oryzae pv. oryzae is essential for Xa21-mediated disease resistance. Rice (In press) 2 Shimin Zuo, Xiaogang Zhou, Mawsheng Chen, Shilu Zhang, Benjamin Schwessinger, Deling Ruan, Can Yuan, Jing Wang, <b>Xuewei Chen*</b> and Pamela C. Ronald 2014 OsSERK1 regulates rice development but not immunity to Xanthomonas oryzae pv. oryzae or Magnaporthe oryzae J Integr Plant Biol DOI:10.1111/jipb.12290 3 Wei-Tao Li, Wei-Lan Chen, Chao Yang, Jing Wang, Lian Yang, Min He, Ji-Chun Wang, Peng Qin, Yu-Ping Wang, Bing-Tian Ma, Shi-Gui Li,		

- Xue-Wei Chen\*** 2014 Identification and network construction of zinc finger protein (ZFP) genes involved in the rice-Magnaporthe oryzae interaction Plant Omics Journal 7(6):540-548
- 4 **Xuewei Chen\***, Shimin Zuo , Benjamin Schwessinger, Mawsheng Chern, Patrick E. Canlas, Deling Ruan, Xiaogang Zhou, Jing Wang, Arsalan Daudi, Christopher J. Petzold, Joshua L. Heazlewood and Pamela C. Ronald\*. 2014 An XA21-Associated Kinase (OsSERK2) regulates immunity mediated by the XA21 and XA3 immune receptors, Molecular Plant 7(5):874-92. doi: 10.1093/mp/ssu003
- 5 **Xuewei Chen**, Miguel E. Vega-Sánchez, Yves Verhertbruggen, Dawn Chiniquy, Patrick E. Canlas, Alexandra Fagerström, Lina Prak, Ulla Christensen, Ai Oikawa, Mawsheng Chen, Shimin Zuo, Fan Lin, Manfred Auer, William G.T. Willats, Laura Bartley, Jesper Harholt, Henrik V. Scheller, and Pamela C. Ronald. 2012 Inactivation of OsIRX10 leads to decreased xylan content in ricestem cell walls and improved biomass saccharification. Molecular Plant 6(1): doi: 10.1093/mp/sss135.
- 6 **Xuewei Chen** and Pamela C. Ronald. 2011, Innate immunity in rice. Trends in Plant Science.16:451-459.
- 7 **Xuewei Chen**, Mawsheng Chern, Patric E. Canlas, Deling Ruan, Caiying Jiang, Pamela C. Ronald. 2010, The rice XB24 ATPase promotes autophosphorylation of XA21 and inhibits XA21-mediated immunity. Proceedings of the National Academy of Sciences (Track II) .107: 8029 – 8034.
- 8 **Xuewei Chen**, Mawsheng Chern, Patric E. Canlas, Deling Ruan, Caiying Jiang, Pamela C. Ronald A conserved threonine residue in the juxtamembrane domain of the XA21 pattern recognition receptor is critical for kinase autophosphorylation and XA21-mediated immunity. 2010, Journal of Biological Chemistry. 285: 10454-10463.
- 9 Junjun Shang, Yong Tao, **Xuewei Chen (co-first author)**, Yan Zou, Cailin Lei, Jing Wang, Xiaobing Li, Xianfeng Zhao, Meijun Zhang, Zhike Lu, Jichen Xu, Zhukuan Cheng, Jianmin Wan, Lihuang Zhu. 2009, Identification of a new rice blast resistance gene, Pid3, by genome-wide comparison of paired NBS-LRR genes and their pseudogene alleles between the two sequenced rice genomes. Genetics, 182: 1303-1311.
- 10 **Xuewei Chen**, Junjun Shang, Dexi Chen, Cailin Lei, Yan Zou, Wenxue Zhai, Guozhen Liu, Jichen Xu, Zhongzhuan Ling, Gang Cao, Bingtian Ma, Yuping Wang, Xianfeng Zhao, Shigui Li, Lihuang Zhu. 2006, A B-lectin receptor kinase gene conferring rice blast resistance. The Plant Journal, 46 (5), 794–804.

<p>主要国际学术活动(5项以内): International Academic Activities:</p>	<p>2012. 10 The XA21-Associated Kinase 1 (XAK1) regulates immunity mediated by the pattern-recognition receptor XA21. National Congress of Plant Biology in China (2012)</p> <p>2012. 07 The XA21-Associated Kinase 1 (XAK1) regulates immunity mediated by the pattern-recognition receptor XA21. Plant Biology 2012</p> <p>2012. 07 The XA21-Associated Kinase 1 (XAK1) regulates immunity mediated by the pattern-recognition receptor XA21. The 2012 Annual Congress of Chinese Society of Plant Pathology</p> <p>2011. 11 The receptor kinase XAK1 regulates the early signaling of the pattern-recognition receptor XA21-mediated innate immunity. The 2nd International Conference on Biotic Plant Interactions,</p> <p>2011.10 The receptor kinase XAK1 regulates the early signaling of the pattern-recognition receptor XA21-mediated innate immunity, The 2011 Annual Congress of the Crop Science Society of China</p>
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