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一、个人简介

康振生，男，1957 年生于四川省安岳县。教育部长江学者特聘教授，国家“新世纪百千万人才工程”和陕西省“三五”人才工程第一层次入选者，农业部“有突出贡献中青年专家”，博士生导师。现任西北农林科技大学生物技术中心主任、陕西省农业分子生物学重点实验室主任，农业部西北农林科技大学植物病理研究所所长；兼任中国植物病理学会副理事长、陕西省植物病理学会理事长；国务院学位委员会第四届学科评议组成员、教育部高等学校教学指导委员会委员、中国植病学会抗病育种专业委员会主任、中国植病学会真菌专业委员会副主任、《植物病理学报》、《植物保护学报》和《菌物学报》等刊物的编委。



二、工作学习简历

1981 年 西北农学院植保专业本科毕业，获学士学位；
1988-1990 在加拿大农业部温尼泊研究所完成博士论文研究工作，1990 年获博士学位；
1991-1996 在西北农业大学植保系从事植物病理学教学、科研工作，先后破格晋升为副教授和教授。
1997-2001 年 在德国霍恩海姆大学从事麦类病害研究工作。

三、研究领域或方向

一直以病原真菌与寄主小麦的互作关系为主攻方向，从组织学、细胞学、分子细胞学及分子生物学等方面对小麦抗病机制和病菌致病机理进行了较为系统的探索，并形成了具有特色的研究体系。

四、学术及科研项目、成果情况

先后承担了国家杰出青年基金、国家自然科学基金、国家 973 项目、教育部重大培育项目、教育部重点项目、国家攀登计划、国家科技攻关、国家教委“优秀年轻教师基金”和国家博士点基金等 30 多项课题，并参加国家、省部级科研课题 10 余项。

在国内外学术刊物发表论文 180 多篇，其中 SCI 收录 40 余篇；主编和参编著作 8 部，所完成的《植物病原真菌的超微结构》和《植物病原真菌的超微形态》两本专著是我国涉及这一领域仅有的两部优秀著作。先后获国家、省（部）级科研成果奖 5 项，主持完成的“植物病原真菌与寄主植物互作关系的超微结构和细胞化学研究”2003 年获陕西省科学技术一等奖，主持完成的“繁 6 及衍生小麦抗条锈性变异及对策研究”1997 年获农业部科技成果二等奖，1999 年获国家科技进步三等奖。

主要学术论文

(1) Yonghong Zhang, Zhipeng Qu, Wenming Zheng, Bo Liu, Xiaojie Wang, Xiaodan Xue, Liangsheng Xu, Lili Huang, Qingmei Han, Jie Zhao¹ and Zhensheng Kang. Stage-specific gene expression during urediniospore germination in *Puccinia striiformis* f. sp. *tritici*. *BMC Genomics*, 2008, 9:203,

doi:10.1186/1471-2164-9-203

(2) Xiaojie Wang, Chunlei Tang, Chenfang Wang, Gang Zhang, Yanling Dong, Wei Liu, Lili Huang, Xianming Chen and Zhensheng Kang. cDNA-AFLP analysis reveals differential gene expression in compatible interaction of wheat challenged with *Puccinia striiformis* f. sp. *Tritici*. *BMC Genomics* 2009, 10: 289

- (3) Xiaojie Wang, Wei Liu, XM Chen, CL Tang, YL Dong, JB Ma, XL Huang, B Liu, J Zhao, GR Wei, LL Huang, ZS Kang. Differential gene expression in incompatible interaction between wheat and stripe rust fungus revealed by cDNA-AFLP and comparison to compatible interaction. *BMC Plant Biology*, 2009, 10:9
- (4) Jinbiao Ma, Xueling Huang, Xiaojie Wang, Xianming Chen, Zhipeng Qu, Lili Huang, Zhensheng Kang. 2009. Identification of expressed genes during compatible interaction between stripe rust (*Puccinia striiformis*) and wheat using a cDNA library. *BMC Genomics*, 2009, 10:586
- (5) Xiu-Mei Yu, Xiu-Dao Yu, Zhi-Peng Qu, Xin-Jie Huang, Jun Guo, Qing-Mei Han, Jie Zhao, Li-Li Huang and Zhen-Sheng Kang. Cloning of a putative hypersensitive induced reaction gene from wheat infected by stripe rust fungus. *Gene*, 2007, 407: 193-198
- (6) Xiaojie Wang, Chunlei Tang, Lin Deng, Gaolei Cai, Xinying Liu, Bo Liu, Qingmei Han, Heinrich Buchenauer, Guorong Wei, Dejun Han, Lili Huang, Zhensheng Kang. Characterization of a pathogenesis-related thaumatin-like protein gene TaPR5 from wheat induced by stripe rust fungus. *Physiologia Plantarum*, 2010, 139: 27-38
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(8) Chang-Qing Chen, Wenming Zheng, Heinrich Buchenauer, Li-Li Huang, Ning-Hai Lu, Zhen-Sheng Kang. Isolation of Microsatellite Loci from Expressed Sequence Tags (ESTs) Library of *Puccinia striiformis* f.sp. *tritici*. *Molecular Ecological Resources*, 2009, 9: 236-238

(9) Chen-Fang Wang, Li-Li Huang, Heinrich Buchenauer, Qing-Mei Han, Hong-Chang Zhang and Zhen-Sheng Kang. Histochemical studies on the accumulation of reactive oxygen species (O₂⁻ and H₂O₂) in the incompatible and compatible interaction of wheat - *Puccinia striiformis* f.sp. *tritici*. *Physiological and Molecular Plant Pathology*, 2008, 71: 230-239

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of *Puccinia striiformis* in latently infected wheat leaves by nested PCR. *J. of Phytopathology*, 2009, 157:490-493

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