

师资队伍

教职工名录

[首页](#) >> [师资队伍](#)

师资概况

研究生导师

教职工名录

朱峰

发布日期: 2015-09-03 浏览次数: 1621 字号: [大中小]



一、个人简介:

朱峰, 男, 1985年12月出生, 博士, 副教授, 硕士生导师。先后主持和参与国家自然科学基金、国家桃产业技术体系、省自然科学基金等科研项目10余项。主要从事植物防御病毒入侵分子机理和植物病毒的鉴定及病毒病害防控研究。

招生专业: 植物病理学(学硕)、资源利用与植物保护(专硕)

通讯地址: 江苏省扬州市文汇东路48号扬州大学园艺与植物保护学院

邮政编码: 225009

E-mail: zhufeng@yzu.edu.cn

二、学习工作经历:

2005.9-2009.6 井冈山大学生命科学学院生物技术专业学士学位

2009.9-2014.6 四川大学生命科学学院植物学专业博士学位导师: 席德慧教授, 林宏辉教授(硕博连读)

2014.6-至今扬州大学园艺与植物保护学院, 硕士生导师

三、教学工作：

本科生课程：《普通生物学》、《植物生态学》、《生物防治与生物农药》

研究生课程：《科技创新与论文写作》

主持扬州大学教学改革博士专项课题1项：“对分课堂”模式下《普通生物学》课程的教学改革研究（YZUJX2017—25B）

四、研究方向：

1. 植物病毒的鉴定及病毒病害防控研究：利用小RNA测序、生物学、血清学和分子生物学手段，对生产上危害严重的以及新出现病毒病进行快速诊断和鉴定。利用反向遗传学技术、分子生物学等多学科手段解析植物代谢产物防控植物病毒病害的分子机理及生化机制，为绿色防控植物病毒病害提供科学依据。

2. 植物和病毒相互作用的分子机理研究：利用重要作物烟草和番茄及果树桃，采用遗传学，生理学，分子生物学以及生物化学的方法，深入挖掘植物抗病毒功能基因及防御信号通路、病害侵染和致病的分子机理，阐明植物抗病毒防御的分子机制。为增强植物的广谱抗性及其果树病害防控提供新的策略。

五、主持项目：

1. 国家自然科学基金青年科学基金（31500209），转录因子NbNAC1调控植物系统性抗性防御病毒入侵的作用研究（2016.1-2018.12），项目负责人

2. 江苏省高校自然科学研究面上项目（15KJB210007），核糖体失活蛋白调控水杨酸信号防御病毒入侵的机制（2015.7-2017.6），项目负责人

六、近年来发表的部分论文（*代表通讯作者）：

2018年

1. Zhu Feng*, Che Yan-Ping, Liang Zi-Jian, Ji Zhao-Lin*. First Report of Tobacco rattle virus infecting Spinach in China. *Plant Disease*, 2018, online

2. Zhu Feng*, Che Yan-Ping, Qian Kun, Zhou Yang-Kai, Xu Yu-Jiao, Zhao Ya-Qian, Ji Zhao-Lin. First Report of Chilli veinal mottle virus Infecting *Lycopersicon esculentum* in Jiangsu Province in China. *Plant Disease*, 2018, 102 (2): 462.

3. Zhu Feng*, Zhou Yang-Kai, Ji Zhao-Lin, Chen Xiao-Ren. The plant ribosome-inactivating proteins play important roles in defense against pathogens and insect pest attacks. *Frontiers in Plant Science*. 2018, 9: 146.

4. Zhu Feng*, Zhou Yang-Kai, Zhao Ya-Qian, Che Yan-Ping, Zhao-Lin Ji. First report of tobacco mosaic virus infecting *Benincasa hispida* in Jiangxi Province in China. *Journal of Plant Pathology*, 2018, 100 (2): 341.

5. Zhu Feng*, Yan-Ping Che, Yang-Kai Zhou, Cheng Shi-Chang, Zheng Liu, Zhao-Lin Ji. First report of cucumber mosaic virus infecting *Arachis hypogaea* in Jiangxi Province in China. *Journal of Plant Pathology*, 2018, 100 (2): 337.

2017年

1. Zhu Feng*, Zhou Yang-Kai, Qian Kun, Che Yan-Ping, Ma Yi-Ming, Liu Zheng, Cheng Shi-Chang. First report of corky ringspot in potatoes caused by Tobacco rattle virus in Jiangsu province, China. *Plant Disease*, 2017, 101(11): 1958.

2016年

1. Zhu Feng*, Yuan Shu, Zhang Zhong-Wei, Qian Kun, Feng Jian-Guo, Yang Yi-Zhong. Pokeweed antiviral protein (PAP) increases plant systemic resistance to Tobacco mosaic virus infection in *Nicotiana benthamiana*. *European Journal of Plant Pathology*, 2016, 146(3): 541–549.

2. 朱峰*, 冯建国, 钱坤, 袁树忠, 杨益众. 核糖体失活蛋白生物信息学分析. *扬州大学学报(农业与生命科学版)*, 2016, 37(1): 113–118.

3. 朱峰, 简伟, 邓星光, 林宏辉*. 细胞自噬在植物应答盐胁迫中的作用研究. *四川大学学报(自然科学版)*, 2016, 53(6): 1403–1408.

4. 朱峰*, 陈孝仁, 钱坤, 纪兆林, 孔维文, 杨益众. 生物胁迫相关NAC1转录因子的生物信息学分析. *江苏农业科学*, 2016, 44(10): 43–49.

2015年

1. Zhu Feng, Deng Xing-Guang, Xu Fei, Jian Wei, Peng Xing-Ji, Zhu Tong, Xi De-Hui, Lin Hong-Hui*. Mitochondrial alternative oxidase is involved in both compatible and incompatible host-virus combinations in *Nicotiana benthamiana*. *Plant Science*, 2015, 239: 26–35.

2. Zhang Zhong-Wei, Zhang Gong-Chang, Zhu Feng (Co-first author), Zhang Da-Wei, Yuan Shu*. The roles of tetrapyrroles in plastid retrograde signaling and tolerance to environmental stresses. *Planta*, 2015, 242(6): 1263-1276.

3. Deng Xing-Guang, Peng Xing-Ji, Zhu Feng, Chen Ying-Juan, Zhu Tong, Qin Shao-Bo, Xi De-Hui, Lin Hong-Hui*. A critical domain of Sweet potato chlorotic fleck virus NaBp for RNA silencing suppression, nuclear localization and viral pathogenesis. *Molecular Plant Pathology*, 2015, 16: 365-375.

4. Jian Wei, Zhang Da-wei, Zhu Feng, Wang Shuo-xun, Zhu Tong, Pu Xiao-jun, Zheng Ting, Feng Hong, Lin Hong-hui*. Nitrate reductase-dependent nitric oxide production is required for regulation alternative oxidase pathway involved in the resistance to Cucumber mosaic virus infection in *Arabidopsis*. *Plant Growth Regulation*, 2015, 77: 99–107.

2014年

1. Zhu Feng, Xi De-Hui, Yuan Shu, Xu Fei, Zhang Da-Wei, Lin Hong-Hui*. Salicylic acid and jasmonic acid are essential for systemic resistance against Tobacco mosaic virus in *Nicotiana benthamiana*. *Molecular Plant-Microbe Interactions*, 2014, 27: 567-577. (封面文章)

2. Zhu Feng, Xi De-Hui, Deng Xing-Guang, Peng Xing-Ji, Tang He, Chen Ying-Juan, Jian Wei, Feng Hong, Hong-Hui Lin*. The Chilli veinal mottle virus regulates expression of the Tobacco mosaic virus resistance gene N and jasmonic acid/ethylene signaling is essential for systemic resistance against Chilli veinal mottle virus in tobacco. *Plant Molecular Biology Reporter*, 2014, 32: 382–394.

3. Deng Xing-Guang, Zhu Feng (Co-first author), Li Jing-Yi, Feng Hong, Xi De-Hui*, Lin Hong-Hui*. Genetic diversity and phylogenetic analysis of sweet potato feathery mottle virus and sweet potato virus G in Sichuan, China. *Journal of Plant Pathology*, 2014, 96: 215-218.

4. Chen Ying-Juan, Zhu Feng (Co-first author), Liu Jian, Deng Xing-Guang, Chen Li-Juan, Sun Tian-Lin, Bao Wei-Kai, Xi De-Hui*, Lin Hong-Hui*. A Turnip crinkle virus lacking the CP counter-defence protein gene provides protection against wild-type strain is associated with highly localized RNA silencing. *Journal of Phytopathology*. 2014, 162: 758-769.

5. Deng Xing-Guang, Zhu Feng (Co-first author), Chen Ying-Juan, Liu Jian, Zhu Tong, Li Jing-Yi, Xi De-Hui*, Lin Hong-Hui*. A more sensitive and rapid multiplex RT-PCR assay combining with magnetic nanobeads for simultaneous detection of viruses in sweet potato. *European Journal of Plant Pathology*, 2014, 140: 111–117.

2013年

1. Zhu Feng, Zhang Ping, Meng Yan-Fa, Xu Fei, Zhang Da-Wei, Cheng Jian, Lin Hong-Hui, Xi De-Hui*. Alpha-momorcharin, a RIP produced by bitter melon, enhances defense response in tobacco plants against diverse plant viruses and shows antifungal activity in vitro. *Planta*, 2013, 237: 77–88.

2. Zhang Zhong-Wei, Feng Ling-Yang, Cheng Jian, Tang He, Xu Fei, Zhu Feng, Zhao Zhong-Yi, Yuan Ming, Chen Yang-Er, Wang Jian-Hui, Yuan Shu*, Hong-Hui Lin*. The roles of two transcription factors, ABI4 and CBFA, in ABA and plastid signalling and stress responses. *Plant Molecular Biology*, 2013, 83: 445-458.

2012年

1. Zhu Feng, Xu Mo-Yun, Wang Shao-Dong, Jia Shu-Dan, Zhang Ping, Lin Hong-Hui, Xi De-Hui*. Prokaryotic expression of pathogenesis related protein 1 gene from *Nicotiana benthamiana*: antifungal activity and preparation of its polyclonal antibody. *Biotechnology Letters*, 2012, 34: 919-924.

2. 朱峰, 张萍, 林宏辉, 席德慧*. 本生烟NbSABP2和NbSAMT基因的克隆及VIGS表达载体构建. *四川大学学报(自然科学版)*, 2012, 49: 453-458.

3. Xu Fei, Zhang Da-Wei, Zhu Feng, Tang He, Lv Xin, Cheng Jian, Xie Huang-Fan, Lin Hong-Hui*. A novel role for cyanide in the control of cucumber (*Cucumis sativus* L.) seedlings response to environmental stress. *Plant Cell & Environment*, 2012, 35: 1983–1997.

2011年

1.Zhu Feng, Yuan Shu, Wang Shao-Dong, Xi De-Hui, Lin Hong-Hui*. The higher expression levels of dehydroascorbate reductase and glutathione reductase in salicylic acid-deficient plants may contribute to their alleviated symptom infected with RNA viruses. Plant Signaling & Behavior, 2011, 6: 1402-1404.

2.Wang Shao-Dong, Zhu Feng(Co-first author), Yuan Shu, Yang Hui, Xu Fei, Shang Jing, Xu Mo-Yun, Jia Shu-Dan, Zhang Zhong-Wei, Wang Jian-Hui, Xi De-Hui*, Lin Hong-Hui*. The roles of ascorbic acid and glutathione in symptom alleviation to SA-deficient plants infected with RNA viruses. Planta, 2011, 234: 171-181.

七、奖励及其他

获得2017年度扬州大学“科技先锋”荣誉称号

获得2017年度扬州大学优秀教学奖二等奖

[打印本页](#) [关闭窗口](#)

CopyRight © 扬州大学园艺与植物保护学院

地址：扬州市文汇东路48号 电话：0514-87979344 / 87979395 传真：0514-87347537 邮编：225009