



马振川

职 称：教授，博士生导师

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研究方向：

1. 抗病基因的挖掘与利用
2. 作物种质资源的创新与利用
3. 植物与病原微生物的分子共进化

教育经历：

2009.09 – 2015.06 南京农业大学，植物病理学系，硕士/博士
2005.09 – 2009.06 东北农业大学，农学院，学士

工作经历：

2020.09–至今 南京农业大学，植物病理学系，教授，博导
2018.05–2020.07 英国，The Sainsbury Laboratory，Research Fellow
2017.04–2018.04 英国，The Sainsbury Laboratory，博士后

代表性科研成果：

1. N-glycosylation shields *Phytophthora sojae* apoplastic effector PsXEG1 from a specific host aspartic protease. **PNAS**, 2020
2. A *Phytophthora* effector recruits a host cytoplasmic transacetylase into nuclear speckles to enhance plant susceptibility. **Elife**, 2018
3. A paralogous decoy protects *Phytophthora sojae* apoplastic effector PsXEG1 from a host inhibitor. **Science**, 2017
4. A *Phytophthora* effector manipulates host histone acetylation and reprograms defense gene expression to promote infection. **Curr Biol**,

2017

5. A *Phytophthora sojae* Glycoside Hydrolase 12 protein is a major virulence factor during soybean infection and is recognized as a PAMP. **The Plant Cell**, 2015

6. An Oomycete CRN Effector Reprograms Expression of Plant HSP Genes by Targeting their Promoters. **PLoS Pathogens**. 2015

荣誉奖励:

玛丽居里学者 (2018)

中国植物生理学会优秀论文奖 (2015-2019)

大北农科技奖 (8/8), 2017

其他:

