



INSTITUTE OF AGRICULTURAL RESOURCES  
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### Research Interests

- Plant-bacteria interactions
- Microbial resource collection, evaluation, and application
- Microbiome and phytomicrobiome engineering

### Publication

***Pseudomonas syringae* lytic transglycosylase HrpH interacts with host ubiquitin ligase ATL2 to modulate plant immunity**, Cell Reports, 2025, DOI: 10.1016/j.celrep.2024.115145

***Pseudomonas syringae* type III secretion system protein HrpP manipulates plant immunity to promote infection**, Microbiology Spectrum, 2023, DOI:10.1128/spectrum.05148-22

***Pseudomonas* cyclic lipopeptide medpeptin: biosynthesis and modulation of plant immunity**, Engineering, 2023, DOI: 10.1016/j.eng.2023.05.016

**Phenotypic and genomic characterization of *Pseudomonas wuhanensis* sp. nov., a novel species with plant growth-promoting and biocontrol activities**, Microorganisms, 2024, DOI: 10.3390/microorganisms12050944

***Pseudomonas* bacteriocin syringacin M released upon desiccation suppresses the growth of**



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**sensitive bacteria in plant necrotic lesions,** Microbial Biotechnology,2020, DOI:  
10.1111/1751-7915.13367