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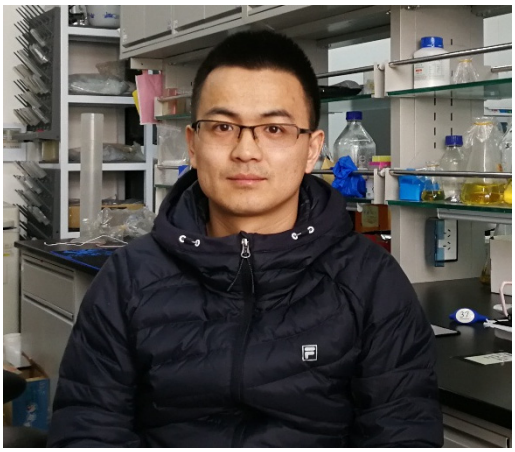
IS-MPMI
International Society for Molecular Plant-Microbe Interactions

RNA Sequencing-Associated Study Identifies *GmDRR1* as Positively Regulating the Establishment of Symbiosis in Soybean



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Current Position: Professor at Northeast Agricultural University (NEAU), Harbin, China.

Education: Ph.D. in Biochemistry and Molecular Biology from Sun Yat-Sen University, Guangzhou, China.

Non-scientific Interest: Cooking, reading famous novels, and understanding the history of the world.

Brief-bio: I am currently a professor of Crop Genetics and Breeding at NEAU. I teach graduate courses, including Plant Cellular Biology and Genetics. The research work published in *MPMI* represents a extension of my Ph.D. work as a graduate research assistant in the Legume-Microbe Interactions Laboratory led by Dr. **Christian Staehelin**. The aim of this project was to identify the genes underlying symbiosis establishment in soybean. During my Ph.D. studies, my research focused on the function and effect detection of type III effector (T3E) regulating symbiotic interaction between legume and *Rhizobium*. Specifically, I am studying the interaction between soybean and *Rhizobium*. I enjoyed and wish to elucidate the mechanism of T3E underlying signaling pathways during the establishment of symbiosis. The ultimate goal of my current project is to be able to identify the soybean genes that directly interact with T3E of *Rhizobium*. Furthermore, I can apply these results to assist in the utilization of symbiosis in agricultural and supply several foundational theories for nonlegume nodulation.