



**Dr. Chengshu Wang**

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Dr. Chengshu Wang received his Ph.D. from the China Agricultural University in 2001. After his postdoc's studies at the University of Swansea and University of Maryland, Dr. Wang joined the Chinese Academy of Sciences in 2007. His research focuses on the genetics, molecular and chemical biology of insect pathogenic fungi. His group performed *de novo* genome sequencing of dozens of cordycipitoid fungi such as *Cordyceps* spp., *Metarhizium* spp. and *Beauveria* spp. Gene function studies revealed a series of genes and gene clusters involved in mediating fungal virulence against insects by contributing to spore adhesion to insect cuticles, cuticle penetration, immune evasion, and environmental stress responses. Based on the understanding of fungal molecular pathogenesis, genetic engineering of insect pathogenic fungi has also been performed in his lab to improve the biocontrol efficacies of mycoinsecticides. He has published more than 100 SCI-indexed papers and won different awards such as the "Distinguished Asian Mycologist Award" in 2017.