

Special Issue

Signal Transduction Pathways in Plants for Resistance Against Plant Pathogens

Message from the Guest Editors

Pathogens could severely limit plant growth and hence pose a severe threat to crop productivity. The co-evolutionary war between plants and their pathogens has led to the development of complex signaling systems in plants, enabling them to sense the presence of both compatible and incompatible pathogens and trigger their defense systems precisely and promptly. This Special Issue explores the signal transduction pathways in plants that led to resistance against pathogens, including, but not limited to, functional analysis of qualitative and quantitative resistance genes, defense mechanisms, plant-pathogen interactions, and signal transduction crosstalk.

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