



Plant Defense Response to Microbial, Herbivorous, and Environmental Interactions

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Message from the Guest Editor

This Special Issue will accept articles reporting on inducible plant defense responses including chemical defense systems, such as microbial-associated molecular patterns (MAMPs), hypersensitive responses, pathogen-degrading enzymes, pathogenic-related (PR) proteins (like defensins, chitinases, β -1,3-glucanases, thaumatin-like, proteases, peroxidase, salicylate, and jasmonate) and toxic chemicals (such as terpenes, phenolics, and histamines), and mechanisms by which pathogens overcome plant resistance.

The Special Issue will also consider studies reporting mechanisms of mutualistic plant–microbial interactions, microbial-induced plant defense, and microbial chemicals used in biological control, stress tolerance, and plant growth stimulation.





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Message from the Editor-in-Chief

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