



Plant Disease Resistance 3.0

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Message from the Guest Editor

Dear Colleagues,

Plants evolved a sophisticated pathogen defense mechanism based on innate immunity receptors. The resistance mechanisms to various plant enemies have been under investigation for a long time. A complex network of interactions involved in pathogen recognition and the defense response has been discovered. Genes involved in perception, signaling, hormones and transcription are able to activate or repress several pathogen responsive proteins. To this end, improving our knowledge on molecular alterations in plants subjected to various enemies could aid the identification of principal genes that participate in resistance or susceptibility processes.

The aim of this Special Issue is to illustrate the mechanism of the plant defense response. Multidisciplinary approaches that describe the evolution, function and regulation of the plant immune system are welcome. Researchers can contribute with original research findings and reviews to this Special Issue.





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Message from the Editor-in-Chief

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