

Special Issue

Plant Disease Resistance 2.0

Message from the Guest Editor

This Special Issue is the second volume of our previous Special Issue "[Plant Disease Resistance](#)". Crop production is adversely affected by plant pathogens and pests worldwide that are responsible for devastating yield losses in many species. Plants evolved a complex defense system that is fine-tuned through a knitted plant immune networks. Molecular complex interactions across different host–pathogen combinations demonstrated that cross-talk among pathogen receptors, plant hormones, transcription factors, and other molecules is involved in any given immune response. Discovery genes involved in defense process and specific resistance molecular mechanisms is crucial to improve their use in agriculture. The aim of this special issue is to highlight recent advances in the understanding of mechanism of plant defense response by elucidating immune receptors structure and functioning. Multidisciplinary approaches able to describe the evolution, the function and regulation of the plant immune system are welcome. Researchers can contribute with original research findings and review and perspective article to this issue.

Guest Editor

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Deadline for manuscript submissions

closed (31 July 2022)



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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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