

Special Issue

Signal Transduction Pathways in Plants for Resistance against Plant Pathogens 2022

Message from the Guest Editor

This Special Issue is the continuation of our previous special issue "Signal Transduction Pathways in Plants for Resistance against Plant Pathogens 2020". 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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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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