

Special Issue

Advanced Researches of Plant-Pathogen Interaction

Message from the Guest Editor

The study of how plants adapt to biotic stress, particularly in the face of climate change and pathogen pressures, is a critical frontier in plant biology. With agricultural productivity threatened by the combined effects of climate extremes and pathogens, understanding how plants maintain cellular balance and defend against microbes is crucial for global food security. This Special Issue, "Advanced Researches of Plant-Pathogen Interaction," aims to highlight recent advancements in plant-pathogen interactions. We invite submissions on topics such as pathogen virulence, plant defense mechanisms, genome editing in plant pathology, microbial secondary metabolites, and next-generation biopesticides like RNA silencing and nanotechnology. We seek original research, reviews, and short communications that explore the molecular and physiological aspects of plant pathology and bridge fundamental findings with translational applications for breeding, crop protection, and sustainable agriculture.

Guest Editor

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Deadline for manuscript submissions

31 December 2025



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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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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