

Special Issue

Advances of Plants-Pathogen Interaction

Message from the Guest Editor

Throughout their life cycles, plants are facing challenges from various pathogens such as fungi, bacteria and viruses. Plant diseases have brought serious economic losses to agricultural systems and production.

Understanding how the pathogens adopt adaptive mechanisms to infection on plant hosts and how the plants develop diverse of resistance/susceptibility mechanisms to beat back the pathogens will provide basal scientific support for better prevention and control of the plant diseases. This special issue mainly involves:

- the pathogenic mechanism of pathogens
- the molecular evolution, ecology and interaction mechanism of plants to microorganisms (such as bacteria, fungi, oomycetes and viruses), nematodes and insects.
- the epigenetics in the interaction of plants and plant pathogens
- the influence of pathogens on plant development and immune response at molecular and cellular levels.✉
- the environmental regulation of the interaction of plants and plant pathogens.

Guest Editor

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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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