

Special Issue

Plant–Nematode Interactions

Message from the Guest Editor

The interaction of sedentary endoparasitic nematodes with plant roots is one of the most intriguing in the world of pest–plant relationships. Although several effectors have been recognized, investigations are needed to unravel the molecular mechanisms by which such effectors are able to enhance the transcription of some genes and silence other genes. Another interesting topic is the understanding of the molecular bases of the resistance reactions in plants carrying resistance genes (R-genes) or the induced resistances occurring in primed susceptible plants. Although a consistent amount of research has recently been conducted on these topics, the molecular, genetic, and epigenetic mechanisms by which immunity is triggered and executed are far from being completely revealed. Therefore, the goal of this Special Issue is to collect original research articles and up-to-date reviews on the above-mentioned mechanisms of plant immunology which present high analogy with those operating in animal and human immunology. I look forward to receiving your contributions.

Guest Editor

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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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