

Special Issue

Molecular Plant-Microbe Interactions 2.0

Message from the Guest Editor

When considering the billions of interorganismal interactions occurring on earth, those between plants and microbes are some of the most diverse and economically impactful. Central to these interactions are genes, proteins, and their metabolite products that serve as bioactive modulators of plant and microbe physiology. With the recent advent of omic-technologies, the discovery of active genes, proteins, and molecules that regulate these interactions has progressed rapidly. This Special Issue will highlight the biochemistry, genetics, genomics, molecular biology, and physiology associated with pathogenic, symbiotic, and associative interactions of microbes with plants. Studies that utilize multi-disciplinary approaches to characterize these interactions are strongly encouraged. Plant-microbe interactions are not only fundamental to plant biology but are critical to crop protection. Toward the goal of contributing to crop improvement, we solicit original research articles and welcome reviews that increase our understanding of the mechanisms mediating plant-microbe interactions rather than those that merely provide a descriptive work.

Guest Editor

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Deadline for manuscript submissions

closed (15 October 2023)



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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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