



Molecular Plant-Microbe Interactions 2.0

Guest Editor:

Dr. Shawn A. Christensen

College of Life Sciences
Chromatography Center,
Brigham Young University, Provo,
UT 84602, USA

Deadline for manuscript
submissions:

closed (15 October 2023)

Message from the Guest Editor

Dear Colleagues,

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (*Biochemistry & Molecular Biology*) / CiteScore - Q1 (*Inorganic Chemistry*)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI