



Molecular Analysis of Plant–Pathogen Interaction

Guest Editors:

Prof. Dr. Cristina Pinedo-Rivilla

Departamento Química
Orgánica, Facultad de Ciencias,
Universidad de Cádiz, Cadiz,
Spain

Dr. Javier Moraga

Laboratorio de Microbiología,
Departamento de Biomedicina,
Biotecnología y Salud Pública,
Facultad de Ciencias del Mar y
Ambientales, Universidad de
Cádiz, 11510 Puerto Real, Spain

Deadline for manuscript
submissions:

closed (31 May 2024)

Message from the Guest Editors

Dear Colleagues,

Phytopathogenic microorganisms cause significant economic losses in crops around the world. The incidence of many of the diseases they cause has increased in recent years, mainly due to the prohibition of the use of many effective chemical pesticides due to their harmful action on other organisms and the environment.

The mechanisms through which microorganisms produce these diseases, their molecular bases, and the chemical relationships they establish with their target plants are in many cases still unknown. Therefore, research on this topic can contribute to developing new methods for activating or enhancing the natural defenses of plants, as well as discovering new biochemical targets of action of new molecules that are effective against phytopathogenic microorganisms and are environmentally friendly.

Prof. Dr. Cristina Pinedo-Rivilla

Dr. Javier Moraga

Guest Editors





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 and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

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