

Special Issue

Molecular Characterization of Plant-Virus Interactions

Message from the Guest Editor

Plant viruses as obligate parasites require the host cell machinery for their multiplication, while the host cell will try to defend itself, avoiding virus multiplication. The elucidation of all these different mechanisms required for virus multiplication are of obvious fundamental interest but can additionally provide information on the host factors involved, as potential antiviral targets. Additionally, plant virology studies can contribute to the general advancement of plant sciences through the molecular characterization of basic plant biological processes.

This Special Issue is open to all researchers studying plant virus multiplication in host cells at the molecular level. Papers are welcome as original research articles, as well as review papers including recent advancements.

Dr. Manuel Miras is a scientist (Topical Advisory Panel in IJMS), who will assist Dr. Truniger in managing this Special Issue.

Guest Editor

Dr. Veronica Truniger

CEBAS-CSIC, Centro de Edafología y Biología Aplicada del Segura,
30100 Murcia, Spain

Deadline for manuscript submissions

closed (20 February 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/179800

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



[mdpi.com/journal/
ijms](https://mdpi.com/journal/ijms)



About the Journal

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.

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

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 (Organic Chemistry)