

# Special Issue

## Interaction between Plants, Microorganisms, and Soils in Different Ecosystems

### Message from the Guest Editors

This Special Issue intends to improve our understanding of the “Interaction between the Plant Rhizosphere and Soil Organisms”. Submissions could consist of research on topics including but not limited to:

- Diversity of soil microorganisms;
- Soil microorganisms in forest ecosystems;
- Rhizosphere diversity;
- Interaction between plants and their microbial communities;
- Functions of rhizosphere microorganisms;
- Microorganisms synthesizing plant growth regulators;
- Biological plant protection;
- Genetic diversity among soil microbial communities;
- Novel bioactive compound isolation and identification in plants and soil.

We would like to take this opportunity to welcome the submission of research articles, reviews, as well as technical notes and communications, on these related topics.

---

### Guest Editors

Prof. Dr. Anna Gałazka

Department of Agricultural Microbiology, Institute of Soil Science and Plant Cultivation—State Research Institute, Czartoryskich 8, 24-100 Puławy, Poland

Dr. Łukasz Pawlik

Institute of Earth Sciences, Faculty of Natural Sciences, University of Silesia, ul. Bedzinska 60, 41-200 Sosnowiec, Poland

---

### Deadline for manuscript submissions

closed (20 December 2022)



# International Journal of Molecular Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



[mdpi.com/si/93372](http://mdpi.com/si/93372)

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

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

## About the Journal

### Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* 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, and molecular biophysics. *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)

