Special Issue

Plant-Associated Pseudomonads (Second Edition)

Message from the Guest Editor

This Special Issue is a continuation of our previous Special Issue titled 'Plant-Associated Pseudomonads', which was published in 2022. The *Pseudomonas* genus is one of the widest and most diverse bacterial genera, with more than 200 species named to date. Pseudomonads are versatile Proteobacteria that can dwell in many environments with different lifestyles. This Special Issue will cover all aspects of the interactions of pseudomonads with their host plants, as well as the biology of plant-interacting pseudomonads. It will also cover the interactions between plant-associated pseudomonads and other microorganisms present in the plant microbiome.

- *Pseudomonas*
- *Pseudomonas fluorescens*, *Pseudomonas syringae*, *Pseudomonas protegens*
- plant-growth-promoting (rhizo)bacteria
- phytopathogenic pseudomonads
- plant–microbe interactions
- rhizosphere
- phylosphere
- endophytic
- inoculant
- biocontrol
- biofertilization
- phytostimulation
- microbiome

Guest Editor

Dr. Rafael Rivilla

Departamento de Biología, Facultad de Ciencias, Universidad Autónoma de Madrid, Madrid, Spain

Deadline for manuscript submissions

closed (31 March 2024)

Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed

mdpi.com/si/186394

Microorganisms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

mdpi.com/journal/microorganisms

Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed

mdpi.com/journal/microorganisms

About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

Editor-in-Chief

Dr. Nico Jehmlich
Department of Molecular Toxicology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).

MDPI