

Special Issue

Molecular Analysis of Plant Pathogenic Bacteria, 2nd Edition

Message from the Guest Editor

Bacterial taxonomy is currently in a state of flux. As we learn more about bacteria through the application of molecular techniques, the accuracy of taxonomic identification can come into question. What type of analysis will suffice for an identification down to the subspecies level? What techniques are being used to separate species and subspecies within the different plant genera? What are we using to investigate pathogenicity, and is this translating to disease severity in plants? How is the use of molecular techniques helping us to better understand bacterial pathogens? In this Special Issue, we plan to explore the use of molecular techniques to correctly identify bacterial pathogens and pathogenicity.

Guest Editor

Dr. Toni A. Chapman

Elizabeth Macarthur Agricultural Institute, Menangle 2568, Australia

Deadline for manuscript submissions

closed (15 February 2024)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/155060

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

[mdpi.com/journal/
microorganisms](https://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](https://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 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).