

Special Issue

State-of-the-Art Clinical Microbiology Technology in Korea

Message from the Guest Editor

Since the beginning of 2020, the spread of SARS-CoV2 has challenged the scientific community to develop more advanced, accurate, and rapid diagnostic and therapeutic approaches to treat microbial infections. Although studies in clinical microbiology have grown substantially over the last few years, a greater focus on strategizing novel and improved antimicrobial agents against pathogenic microorganisms is needed. Defining and monitoring state-of-the-art and emerging technologies in clinical microbiology is of the utmost importance. This Special Issue covers the current developments and modern technologies in diagnosis, therapy, device, methods, mechanisms, etc., to meet the current demands in the fight against emerging microbes-associated infections and diseases. It is anticipated that these emerging antimicrobial technologies will facilitate the world to successfully counteract pandemic outbursts in the future in a cost-effective and time-effective manner.

Guest Editor

Dr. Garima Sharma

Department of Biomedical Science & Institute of Bioscience and Biotechnology, Kangwon National University, Chuncheon 24341, Republic of Korea

Deadline for manuscript submissions

closed (31 March 2022)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/104834

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).