Special Issue

Biotechnological Applications of Bacteriophages and Enteric Viruses

Message from the Guest Editors

Studies of enteric viruses and bacteriophages have attracted interest worldwide for tge purposes of sanitary control and biotechnological uses in the face of global challenges in One Health. This Special Issue is focused on publishing reviews and research articles on the bioprospecting of bacteriophages and enteric viruses as health biomarkers, food and environmental contaminants (water, soil, sewage, and air), and viral monitoring and microbial control based on scientifically observed phages in the topic of virology applied to One Health.

Guest Editors

Prof. Dr. Gislaine Fongaro

Laboratory of Applied Virology, Department of Microbiology, Immunology and Parasitology, Federal University of Santa Catarina (UFSC), Florianópolis 88034-000, SC, Brazil

Prof. Dr. David Rodríguez-Lázaro

- 1. Microbiology Division, Faculty of Sciences, University of Burgos, Burgos, Spain
- 2. Centre for Emerging Pathogens and Global Health, University of Burgos, Burgos, Spain

Deadline for manuscript submissions

closed (15 February 2025)



Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2 CiteScore 7.7 Indexed in PubMed



mdpi.com/si/154655

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



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).

