Special Issue

Gram-Negative Bacterial Infections

Message from the Guest Editor

The incidence of global infection caused by Gram-negative bacteria has significantly increased in recent years. Considering the global health crisis ongoing, substantial research efforts should be made to control infections with Gram-negative bacteria. This will require a comprehensive approach, including risk factor identification, virulence potential investigation, the use of advance methodologies for early detection/identification, and the implementation of infection control and prevention strategies. This Special Issue aims to publish original research and reviews in order to advance contributions in this important and timely research topic from the established and emerging experts in this field. Specifically, we aim to publish research related to any Gram-negative bacteria infection. As such, potential research areas include (but are not limited to) detection and diagnosis, antibiotic resistance, dormancy/perister cells, biofilm, new treatments or therapeutics, risk identification, and the prevention of Gram-negative bacteria infection. We look forward to receiving your contributions.

Guest Editor

Dr. Nityananda Chowdhury

Department of Pharmacology & Immunology, College of Medicine, Medical University of South Carolina, Charleston, SC 29425, USA

Deadline for manuscript submissions

closed (31 December 2023)

Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed

mdpi.com/si/172217

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