

Special Issue

Gut Microbiota: Its Role in Liver Disease and Atherosclerosis

Message from the Guest Editor

The rising interest in gut microbiota in the last decade is due to increased knowledge in this area and also to technological advancements. The human gastrointestinal tract represents the host of more than 2000 different species of bacteria, archaea and eukaryotic microbes that co-evolved with the host over thousands of years, contributing to metabolic functions, protecting against pathogens, educating the immune system, and, through these basic functions, directly or indirectly affecting most of the physiologic functions. The aim and scope of the Special Issue is to present the latest knowledge on gut microbiota influence on liver disease and atherosclerosis. We also will try to focus on microbiota as a therapeutic target in the prevention of cardiovascular diseases and the beneficial mechanisms of probiotic administration related to cardiovascular risks.

Guest Editor

Prof. Dr. Daniel Florin Lighezan

Faculty of Medicine, "Victor Babes" University of Medicine and Pharmacy Timisoara, Square Eftimie Murgu No. 2, 30041 Timisoara, Romania

Deadline for manuscript submissions

closed (20 April 2022)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/89431

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, CAPus / 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).