Special Issue

The Impact of Probiotics on Gut Health

Message from the Guest Editors

Diseases related to the gastrointestinal (GI) tract are highly prevalent worldwide. Current evidence has shown that modulation of the gut microbiome by biotic agents, e.g., probiotics, can be beneficial for gut health and disease states. Additionally, probiotics can exert benefits against GI disorders that accompany different diseases. It is important to emphasize that an imbalance of gut microbiota (dysbiosis) is related to several pathological conditions. Therefore, this Special Issue of *Microorganisms* aims to provide scientific evidence about the modulatory effects of probiotics on the gut microbiome and their potential role on the host gut health. We expect researchers to submit innovative, original, and high-quality research and review articles focused on probiotics, gut microbiome modulation by probiotics, and their potential roles in improving gut health and disease.

Guest Editors

Dr. Raquel Bedani

Department of Biochemical and Pharmaceutical Technology, School of Pharmaceutical Sciences, University of São Paulo, São Paulo 05508900, Brazil

Dr. Daniela Cardoso Umbelino Cavallini

Department of Clinical Analysis, School of Pharmaceutical Sciences, Sao Paulo State University, Araraquara, Sao Paulo 01049-010, SP, Brazil

Deadline for manuscript submissions

closed (30 April 2024)

Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed

mdpi.com/si/171723

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