

Special Issue

Gut Microbiota, Diet, and Gastrointestinal Cancer, 2nd Edition

Message from the Guest Editors

This Special Issue of *Microorganisms* is a continuation of our 2025 Special Issue titled "Gut Microbiota, Diet, and Gastrointestinal Cancer". Welcome to the second edition of this Special Issue. The link between the gut microbiota (GM) and gastrointestinal neoplasms is two-way. On the one hand, GM influences the development of neoplasms through the proinflammatory modulation of the local microenvironment; on the other hand, it is influenced by the neoplastic cells themselves and by the various treatments (chemotherapy, radiotherapy, surgery, etc.) to which patients are subjected. GM is influenced by prebiotic, probiotic, and postbiotic supplementation, but the best way to modulate it is through dietary patterns. More thoroughly understanding the type of relationship between nutrition, GM, and gastrointestinal cancers could lead to the development of new treatments and the improvement of supportive therapies along the oncological pathway. We invite you to submit perspective papers, original papers, narrative reviews, and systematic reviews, as well as meta-analyses related to this Special Issue.

Guest Editors

Dr. Flavio De Maio

Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, Italy

Dr. Marco Cintoni

Clinical Nutrition Unit, Fondazione Policlinico Universitario A. Gemelli, IRCCS, 00168 Rome, Italy

Deadline for manuscript submissions

closed (30 November 2025)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/240235

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).