

Special Issue

Inflammatory Bowel Diseases

Message from the Guest Editor

IBDs, including Crohn's disease and ulcerative colitis, are complex immune-mediated disorders in which alterations to the intestinal microbiota play a central role in disease onset, progression, and therapeutic response. This Special Issue will provide a focused platform for high-quality research addressing the microbiological and microbial-driven mechanisms underlying IBDs. We welcome original research articles, reviews, and short communications exploring host-microbiome interactions, gut microbiota dysbiosis, microbial signatures associated with disease phenotypes, and the role of specific pathogens in intestinal inflammation. Recent advances have highlighted the importance of microbial ecosystems in shaping mucosal immunity and influencing disease trajectories. Studies investigating bacterial, viral, and fungal communities, as well as multi-omics approaches integrating metagenomics, metabolomics, and transcriptomics, are contributing to a deeper understanding of IBD pathogenesis. In parallel, growing attention is being paid to antimicrobial resistance patterns in IBD patients, particularly in the context of repeated antibiotic exposure and immunosuppressive therapies.

Guest Editor

Dr. Daniele Napolitano
CEMAD, Fondazione Policlinico Gemelli IRCCS, 00168 Rome, Italy

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Microorganisms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

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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 Systems Biology, UFZ-Helmholtz Centre for Environmental Research, 04318 Leipzig, Germany

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JCR - Q2 (Microbiology) / CiteScore - Q1 (Virology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.5 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2026).