

Special Issue

Gastrointestinal Microbiome in Animals

Message from the Guest Editor

I am pleased to invite you to participate in a Special Issue "Gastrointestinal Microbiome in Animals". It aims to provide comprehensive reviews of the current knowledge and methodological best practices in our understanding of the microbes that inhabit the gastrointestinal tract environment of non-human animal species, from insects to primates, along with cutting-edge new developments and insights. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: cross-species comparative analyses, analyses of the biases and versatility of common analytical approaches and bioinformatic pipelines, molecular insights into the physical and/or biochemical properties of the gastrointestinal biome and its influence on microbial colonization and compositional flux, routes of colonization and successional dynamics of the gastrointestinal microbiome, interactions with host nutritional, immunological, developmental, or other physiological functions, value and limits of model systems, and novel or under-recognized symbiotic interactions.

Guest Editor

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Deadline for manuscript submissions

closed (31 October 2023)



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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

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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).