

# Special Issue

## Novel Insights into the Infant Gut Microbiome and Host–Microbe Interactions

### Message from the Guest Editor

The aim of the "Novel Insights into the Infant Gut Microbiome and Host–Microbe Interactions" Special Issue is to provide deep insights into the latest developments of research dedicated to the defining the function of the infant microbiota. Articles that describe novel aspects of metabolomics, probiotics, bacteriophage, and host-microbe interactions in humans are particularly sought, but mechanistic work in animal models is also desired. The manuscripts included in this Special Issue should provide a foundation to expand our current understanding of the complex interactions between the host and its commensal microbiota and may suggest interventions to address dysbiosis in early life to support infant development.

### Guest Editor

Prof. Dr. Sharon M. Donovan

Department of Food Science and Human Nutrition, University of Illinois, Urbana-Champaign, IL 61801, USA

### Deadline for manuscript submissions

closed (28 February 2022)



**Microorganisms**

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**Impact Factor 4.2**  
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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.

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### Editor-in-Chief

Dr. Nico Jehmlich

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#### 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).