# Special Issue

# Advances in Monitoring Metabolic Activities of Microorganisms by Calorimetry

## Message from the Guest Editor

The Special Issue fosters the advancement of quantitative calorimetric analyses of metabolic activities of microorganisms with the aim to provide well-defined toxicity measures for substances that interfere with microbial metabolism. Corresponding research comprises the risk assessment of environmental pollutants - particularly heavy metals and radionuclides - as well as monitoring the suppression of metabolic activity of human pathogens by pharmacologically relevant substances. The Special Issue welcomes studies that share a common interest in advancing calorimetric data analysis to derive well-defined toxicity measures.

## Guest Editor

Dr. Karim Fahmy
HZDR - Helmholtz-Zentrum Dresden-Rossendorfdisabled, Dresden, Germany

## Deadline for manuscript submissions

closed (31 December 2022)

**Microorganisms**

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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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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).

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