

Special Issue

The Use of Microbial Protein and Its Extraction

Message from the Guest Editor

Microbial protein (MP), derived from bacteria, fungi, and algae, has garnered significant attention as a sustainable source of protein. With the increasing demand for protein due to population growth and environmental concerns related to traditional livestock farming, advances in microbial protein and its extraction methods have emerged as key areas of research and development.

Despite the achievements made in the use of microbial protein and its extraction, several critical gaps remain. Addressing these gaps in innovative extraction techniques, functional properties and applications and regulatory and safety aspects can enhance the application of microbial proteins in various sectors, particularly within the food industry.

Additionally, more research also needs to be carried out regarding production process optimization and environmental impact assessment, which relies more on the development of extraction methods and production technologies.

Addressing these research gaps is crucial for advancing the understanding and application of microbial protein and its extraction methods. Original research articles, review articles and communications will be welcome.

Guest Editor

Dr. Katarzyna Pobiega

Department of Biotechnology and Food Microbiology, Institute of Food Sciences, Warsaw University of Life Sciences—SGGW, Warszawa, Poland

Deadline for manuscript submissions

31 August 2025



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/214950

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 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).