



Food and Microbial Bioprocesses

Guest Editors:

**Prof. Dr. Humberto
Hernandez-Sanchez**

Departamento de Ingeniería
Bioquímica, Escuela Nacional de
Ciencias Biológicas, Instituto
Politécnico Nacional, Unidad
Profesional Adolfo López Mateos,
Zacatenco, Av. Wilfrido Massieu
399, Col. Nueva Industrial Vallejo,
Ciudad de México C.P. 07738,
Mexico

**Prof. Dr. Gustavo F. Gutiérrez-
López**

Escuela Nacional de Ciencias
Biológicas, Instituto Politécnico
Nacional, Mexico City, Mexico

Deadline for manuscript
submissions:

closed (31 January 2024)

Message from the Guest Editors

Dear Colleagues,

The demand for nutraceuticals and functional foods has grown worldwide due to their health properties that go beyond their nutritional value. In the past three decades, new or more efficient bioprocesses involving enzymes or microorganisms have been introduced to provide safe and eco-friendly biotechnological approaches for the mass production of these products. The aim of this Special Issue is to provide an overview of traditional and efficacious processes and discuss the tendencies and perspectives in food biotechnology which, along with the significant progress in bioinformatics, nanotechnology, encapsulation, and bioactive compounds in recent years, have allowed this field to become an area of opportunity for innovation and emerging technologies. As a Guest Editor of this Special Issue, I look forward to reviewing your submissions that will help us to identify the current state of Food and Microbial Bioprocesses.

Keywords:

- microbial bioprocesses
- food technology
- nanotechnology
- encapsulation
- bioactive compounds
- biotechnology





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Nico Jehmlich

Department of Molecular
Toxicology, UFZ-Helmholtz
Centre for Environmental
Research, 04318 Leipzig,
Germany

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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))

Contact Us

Microorganisms Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/microorganisms
microorganisms@mdpi.com
X@Micro_MDPI