microorganisms

IMPACT FACTOR 4.5

Indexed in: PubMed

CITESCORE 6.4

an Open Access Journal by MDPI

Microbial Ecology of Dairy Products: From Diversity to Functions 2.0

Guest Editors:

Dr. Pascal Bonnarme
AgroParisTech INRA, Ctr Biotechnol Agroind, INRA, UMR Genie & Microbiol Proc Alimentaires 782, F-78850 Thiverval Grignon, France

Dr. Christophe Chassard
INRA Aurillac, l'Unité de Recherche Fromagères (URF), Centre de recherche Auvergne-Rhônes-Alpes, 20 rue Côte de Reyne, 15000 Aurillac, France

Deadline for manuscript submissions:
15 July 2024

Message from the Guest Editors

Microbial ecology of dairy products is an important and growing area of research in food microbiology. There is a need to understand microbial interactions, microbe–matrix interactions, and the origins and diversity of food microbes, as well as their functionality at different scales (e.g., lab, dairy product models, dairy artisanal and industrial products). The emergence of advanced technologies, including next-generation sequencing approaches and related omics approaches, offer new perspectives for research to deeply investigate the food microbiome. Any research related to dairy fermentation, from the production to the biopreservation of dairy products, will be considered in this topic. This includes the phenotypic and genomic characterization of dairy microbes and communities, the development of microbial solutions (starters and other technological microbes) and investigations of complex microbial ecosystems from origin and diversity to function. We want to share knowledge about dairy food technology and safety, targeting most of the large portfolio of dairy products (e.g., milk, raw milk, any foods made from fermented milk, cheese).

microorganisms

IMPACT FACTOR 4.5 | Indexed in: PubMed | CITESCORE 6.4

an Open Access Journal by MDPI

Editor-in-Chief

Dr. Nico Jehmlich
Department of Molecular Systems Biology, 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 - Q2 (*Microbiology (medical)*)

Contact Us

Microorganisms Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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