



Genomic Analysis of Microbiome Influence on Human Health and Disease

Guest Editors:

Dr. Yijing Su

Department of Neuroscience and Mahoney Institute for Neurosciences, Perelman School of Medicine, University of Pennsylvania, Philadelphia, PA 19104, USA

Dr. Cagla Akay-Espinoza

School of Dental Medicine, The University of Pennsylvania, Philadelphia, PA 19104, USA

Deadline for manuscript submissions:

closed (31 October 2023)

Message from the Guest Editors

We are delighted to announce a Special Issue on the topic of "Genomic Analysis of Microbiome Impact on Human Diseases", which aims to provide a platform for researchers to present their latest findings and advancements in the field of genomic analysis of the microbiome and its profound influence on human health and diseases.

The human microbiome plays a crucial role in maintaining human health and has been implicated in the development of various diseases. Recent advancements in genomic analysis techniques have revolutionized our ability to study the intricate relationship between the microbiome and human diseases. This Special Issue will focus on the application of genomic analysis tools, including metagenomics, metatranscriptomics and metaproteomics, to unravel the genetic and functional diversity of the microbiome and its impact on human health and diseases.

We look forward to receiving your valuable contributions to this Special Issue and believe that the collective knowledge shared within its pages will significantly contribute to our knowledge of the genomic analysis of the microbiome and its implications for human health and diseases.





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*)

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