Special Issue

Halophilic Microorganisms, 2nd Edition

Message from the Guest Editor

Halophiles are microorganisms adapted for living at hypersaline environments and other saline products. Most of them belong to the bacteria and archaea domains, and their interest is of special relevance both for their adaptation mechanisms to extreme conditions and for their potential biotechnological applications. In recent years, the isolation and taxonomic characterization of halophiles have allowed us to learn more in detail about their heterogeneity, their metabolic and physiological diversity, or ecological distribution and biodiversity. Culture-independent techniques, such as metagenomics and -omics studies, are particularly providing an incentive these studies on halophiles to continue, as there is still an immense field to explore in this regard. In this Special Issue of *Microorganisms*, you are invited to send contributions (original articles as well as reviews) concerning the biology, taxonomy, biodiversity, and biotechnological applications of halophilic microorganisms, as well as using genomic and metagenomic approaches to study microbial communities.

Guest Editor

Prof. Dr. Cristina Sánchez-Porro
Microbiology and Parasitology, University of Sevilla, Sevilla, Spain

Deadline for manuscript submissions

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Microorganisms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

mdpi.com/journal/microorganisms

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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

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